

Publications

Publications in refereed journals based on ESO data (2014)

The ESO Library maintains the ESO Telescope Bibliography (telbib) and is responsible for providing paper-based statistics. Access to the database for the years 1996 to present as well as information on basic publication statistics are available through the public interface of telbib (<http://telbib.eso.org>) and from the "Basic ESO Publication Statistics" document (<http://www.eso.org/sci/libraries/edocs/ESO/ESOstats.pdf>), respectively. In the list below, only those papers are included that are based on data from ESO facilities for which observing time is evaluated by the Observing Programmes Committee (OPC). Publications that use data from non-ESO telescopes or observations obtained during non-ESO observing time are not listed here.

- Abraham, Z., Falceta-Gonçalves, D. & Beaklini, P.P.B. 2014, η Carinae Baby Homunculus Uncovered by ALMA, *ApJ*, 791, 95
- Adam, C. & Mugrauer, M. 2014, HIP 3678: a hierarchical triple stellar system in the centre of the planetary nebula NGC 246, *MNRAS*, 444, 3459
- Adibekyan, V.Z., González Hernández, J.I., Delgado Mena, E., Sousa, S.G., Santos, N.C., Israelian, G., Figueira, P. & Bertran de Lis, S. 2014, On the origin of stars with and without planets. Trends and clues to Galactic evolution, *A&A*, 564, L15
- Agra-Amboage, V., Cabrit, S., Dougados, C., Kristensen, L.E., Ibgui, L. & Reunanen, J. 2014, Origin of the wide-angle hot H2 in DG Tauri. New insight from SINFONI spectro-imaging, *A&A*, 564, A11
- Agulli, I., Aguerri, J.A.L., Sánchez-Janssen, R., Barrena, R., Diaferio, A., Serra, A.L. & Méndez-Abreu, J. 2014, Deep spectroscopic luminosity function of Abell 85: no evidence for a steep upturn of the faint-end slope, *MNRAS*, 444, L34
- Albertsson, T., Indriolo, N., Kreckel, H., Semenov, D., Crabtree, K.N. & Henning, T. 2014, First Time-dependent Study of H2 and H₃⁺ Ortho-Para Chemistry in the Diffuse Interstellar Medium: Observations Meet Theoretical Predictions, *ApJ*, 787, 44
- Albornoz Vásquez, D., Rahmani, H., Noterdaeme, P., Petitjean, P., Sriandand, R. & Ledoux, C. 2014, Molecular hydrogen in the zabs = 2.66 damped Lyman- α absorber towards Q J 0643-5041. Physical conditions and limits on the cosmological variation of the proton-to-electron mass ratio, *A&A*, 562, A88
- Albrecht, S., Winn, J.N., Torres, G., Fabrycky, D.C., Setiawan, J., Gillon, M., Jehin, E., Triaud, A., Queloz, D., Snellen, I. & Eggleton, P. 2014, The BANANA Project. V. Misaligned and Precessing Stellar Rotation Axes in CV Velorum, *ApJ*, 785, 83
- Alcalá, J.M., Natta, A., Manara, C.F., Spezzi, L., Stelzer, B., Frasca, A., Biazzo, K., Covino, E., Randich, S., Rigliaco, E., Testi, L., Comerón, F., Cupani, G. & D'Elia, V. 2014, X-shooter spectroscopy of young stellar objects. IV. Accretion in low-mass stars and substellar objects in Lupus, *A&A*, 561, A2
- Alecian, E., Kochukhov, O., Petit, V., Grunhut, J., Landstreet, J., Oksala, M.E., Wade, G.A., Hussain, G., Neiner, C., Bohlender, D. & MiMeS Collaboration, M.C. 2014, Discovery of new magnetic early-B stars within the MiMeS HARPSpol survey, *A&A*, 567, A28
- Alonso, R., Moutou, C., Endl, M., Almenara, J.-M., Guenther, E.W., Deleuil, M., Hatzes, A., Aigrain, S., Auvergne, M., Baglin, A., Barge, P., Bonomo, A.S., Bordé, P., Bouchy, F., Cavarroc, C., Cabrera, J., Carpano, S., Csizmadia, S., Cochran, W.D., Deeg, H.J., Díaz, R.F., Dvorak, R., Erikson, A., Ferraz-Mello, S., Fridlund, M., Fruth, T., Gandolfi, D., Gillon, M., Grziwa, S., Guillot, T., Hébrard, G., Jorda, L., Léger, A., Lammer, H., Lovis, C., MacQueen, P.J., Mazeh, T., Ofir, A., Ollivier, M., Pasternacki, T., Pätzold, M., Queloz, D., Rauer, H., Rouan, D., Santerne, A., Schneider, J., Tadeu dos Santos, M., Tingley, B., Titz-Weider, R., Weingrill, J., Wuchterl, G., 2014, Transiting exoplanets from the CoRoT space mission. XXVI. CoRoT-24: a transiting multiplanet system, *A&A*, 567, A112
- Alonso-Herrero, A., Ramos Almeida, C., Esquej, P., Roche, P.F., Hernán-Caballero, A., Hönl, S.F., González-Martín, O., Aretxaga, I., Mason, R.E., Packham, C., Levenson, N.A., Rodríguez Espinosa, J.M., Siebenmorgen, R., Pereira-Santaella, M., Díaz-Santos, T., Colina, L., Alvarez, C. & Telesco, C.M. 2014, Nuclear 11.3 μ m PAH emission in local active galactic nuclei, *MNRAS*, 443, 2766
- Amorín, R., Sommariva, V., Castellano, M., Grazian, A., Tasca, L.A.M., Fontana, A., Pentericci, L., Cassata, P., Garilli, B., Le Brun, V., Le Fèvre, O., Maccagni, D., Thomas, R., Vanzella, E., Zamorani, G., Zucca, E., Bardelli, S., Capak, P., Cassará, L.P., Cimatti, A., Cuby, J.G., Cucciati, O., de la Torre, S., Durkalec, A., Giavalisco, M., Hathi, N.P., Ilbert, O., Lemaux, B.C., Moreau, C., Paltani, S., Ribeiro, B., Salvato, M., Schaerer, D., Scodreggio, M., Talia, M., Taniguchi, Y., Tresse, L., Vergani, D., Wang, P.W., Charlot, S., Contini, T., Fotopoulou, S., López-Sanjuan, C., Mellier, Y. & Scoville, N. 2014, Discovering extremely compact and metal-poor, star-forming dwarf galaxies out to $z \sim 0.9$ in the VIMOS Ultra-Deep Survey, *A&A*, 568, L8
- Anderson, D.R., Collier Cameron, A., Delrez, L., Doyle, A.P., Faedi, F., Fumel, A., Gillon, M., Gómez Maqueo Chew, Y., Hellier, C., Jehin, E., Lendl, M., Maxted, P.F.L., Pepe, F., Pollacco, D., Queloz, D., Ségransan, D., Skillen, I., Smalley, B., Smith, A.M.S., Southworth, J., Triaud, A.H.M.J., Turner, O.D., Udry, S. & West, R.G. 2014, Three newly discovered sub-Jupiter-mass planets: WASP-69b and WASP-84b transit active K dwarfs and WASP-70Ab transits the evolved primary of a G4+K3 binary, *MNRAS*, 445, 1114
- Anderson, J.P., Dessart, L., Gutierrez, C.P., Hamuy, M., Morrell, N.I., Phillips, M., Folatelli, G., Stritzinger, M.D., Freedman, W.L., González-Gaitán, S., McCarthy, P., Suntzeff, N. & Thomas-Osip, J. 2014, Analysis of blueshifted emission peaks in Type II supernovae, *MNRAS*, 441, 671
- Anderson, L.D., Bania, T.M., Bailer, D.S., Cunningham, V., Wenger, T.V., Johnstone, B.M. & Armentrout, W.P. 2014, The WISE Catalog of Galactic H II Regions, *ApJS*, 212, 1

- Andrews, S.K., Kelvin, L.S., Driver, S.P. & Robotham, A.S.G. 2014, Detection, Size, Measurement, and Structural Analysis Limits for the 2MASS, UKIDSS-LAS, and VISTA VIKING Surveys, *PASA*, 31, e004
- Angeloni, R., Contreras Ramos, R., Catelan, M., Dékány, I., Gran, F., Alonso-García, J., Hempel, M., Navarrete, C., Andrews, H., Aparicio, A., Beamín, J.C., Berger, C., Borissova, J., Contreras Peña, C., Cunial, A., de Grijs, R., Espinoza, N., Eyheramendy, S., Ferreira Lopes, C.E., Fiaschi, M., Hajdu, G., Han, J., Helminiak, K.G., Hempel, A., Hidalgo, S.L., Ita, Y., Jeon, Y.-B., Jordán, A., Kwon, J., Lee, J.T., Martín, E.L., Masetti, N., Matsunaga, N., Milone, A.P., Minniti, D., Morelli, L., Murgas, F., Nagayama, T., Navarro, C., Ochner, P., Pérez, P., Pichara, K., Rojas-Arriagada, A., Roquette, J., Saito, R.K., Siviero, A., Sohn, J., Sung, H.-I., Tamura, M., Tata, R., Tomasella, L., Townsend, B., Whitelock, P., 2014, The VVV Templates Project Towards an automated classification of VVV light-curves. I. Building a database of stellar variability in the near-infrared, *A&A*, 567, A100
- Anglada-Escudé, G., Arriagada, P., Tuomi, M., Zechmeister, M., Jenkins, J.S., Ofir, A., Dreizler, S., Gerlach, E., Marvin, C.J., Reiners, A., Jeffers, S.V., Butler, R.P., Vogt, S.S., Amado, P.J., Rodríguez-López, C., Berdiñas, Z.M., Morin, J., Crane, J.D., Shectman, S.A., Thompson, I.B., Diaz, M., Rivera, E., Sarmiento, L.F. & Jones, H.R.A. 2014, Two planets around Kapteyn's star: a cold and a temperate super-Earth orbiting the nearest halo red dwarf, *MNRAS*, 443, L89
- Annunziatella, M., Biviano, A., Mercurio, A., Nonino, M., Rosati, P., Balestra, I., Presotto, V., Girardi, M., Gobat, R., Grillo, C., Kelson, D., Medezinski, E., Postman, M., Scodreggio, M., Brescia, M., Demarco, R., Fritz, A., Koekemoer, A., Lemze, D., Lombardi, M., Sartoris, B., Umetsu, K., Vanzella, E., Bradley, L., Coe, D., Donahue, M., Infante, L., Kuchner, U., Maier, C., Regós, E., Verdugo, M. & Ziegler, B. 2014, CLASH-VLT: The stellar mass function and stellar mass density profile of the $z = 0.44$ cluster of galaxies MACS J1206.2-0847, *A&A*, 571, A80
- Antonucci, S., García López, R., Nisini, B., Caratti o Garatti, A., Giannini, T. & Lorenzetti, D. 2014, POISSON project. III. Investigating the evolution of the mass accretion rate, *A&A*, 572, A62
- Arnold, L., Ehrenreich, D., Vidal-Madjar, A., Dumusque, X., Nitschelm, C., Quere, R.R., Hedelt, P., Berthier, J., Lovis, C., Moutou, C., Ferlet, R. & Crooker, D. 2014, The Earth as an extrasolar transiting planet. II. HARPS and UVES detection of water vapour, biogenic O₂, and O₃, *A&A*, 564, A58
- Arribas, S., Colina, L., Bellocchi, E., Maiolino, R. & Villar-Martín, M. 2014, Ionized gas outflows and global kinematics of low- z luminous star-forming galaxies, *A&A*, 568, A14
- Arroyo-Torres, B., Martí-Vidal, I., Marcaide, J.M., Wittkowski, M., Guirado, J.C., Hauschildt, P.H., Quirrenbach, A. & Fabregat, J. 2014, VLT/AMBER observations of cold giant stars: atmospheric structures and fundamental parameters, *A&A*, 566, A88
- Asmus, D., Höning, S.F., Gandhi, P., Smette, A. & Duschl, W.J. 2014, The subarcsecond mid-infrared view of local active galactic nuclei - I. The N- and Q-band imaging atlas, *MNRAS*, 439, 1648
- Atek, H., Kunth, D., Schaerer, D., Mas-Hesse, J.M., Hayes, M., Östlin, G. & Kneib, J.-P., 2014, Influence of physical galaxy properties on Ly α escape in star-forming galaxies, *A&A*, 561, A89
- Avenhaus, H., Quanz, S.P., Meyer, M.R., Brittain, S.D., Carr, J.S. & Najita, J.R. 2014, HD100546 Multi-epoch Scattered Light Observations, *ApJ*, 790, 56
- Avenhaus, H., Quanz, S.P., Schmid, H.M., Meyer, M.R., Garufi, A., Wolf, S. & Dominik, C. 2014, Structures in the Protoplanetary Disk of HD142527 Seen in Polarized Scattered Light, *ApJ*, 781, 87
- Babusiaux, C., Katz, D., Hill, V., Royer, F., Gómez, A., Arenou, F., Combes, F., Di Matteo, P., Gilmore, G., Haywood, M., Robin, A.C., Rodriguez-Fernandez, N., Sartoretti, P. & Schultheis, M. 2014, Metallicity and kinematics of the bar in situ, *A&A*, 563, A15
- Bagdonaite, J., Ubachs, W., Murphy, M.T. & Whitmore, J.B. 2014, Analysis of Molecular Hydrogen Absorption toward QSO B0642-5038 for a Varying Proton-to-electron Mass Ratio, *ApJ*, 782, 10
- Baglio, M.C., D'Avanzo, P., Campana, S. & Covino, S. 2014, Optical and infrared polarimetry of the transient LMXB Centaurus X-4 in quiescence, *A&A*, 566, A9
- Baglio, M.C., Mainetti, D., D'Avanzo, P., Campana, S., Covino, S., Russell, D.M. & Shahbaz, T. 2014, Polarimetric and spectroscopic optical observations of the ultra-compact X-ray binary 4U 0614+091, *A&A*, 572, A99
- Bailey, J.D., Landstreet, J.D. & Bagnulo, S. 2014, Discovery of secular variations in the atmospheric abundances of magnetic Ap stars, *A&A*, 561, A147
- Bailey, J.D. 2014, Measuring the surface magnetic fields of magnetic stars with unresolved Zeeman splitting, *A&A*, 568, A38
- Bakiş, V., Hensberge, H., Billir, S., Bakiş, H., Yılmaz, F., Kiran, E., Demircan, O., Zejda, M. & Mikulášek, Z. 2014, Study of Eclipsing Binary and Multiple Systems in OB Associations. II. The Cygnus OB Region: V443 Cyg, V456 Cyg, and V2107 Cyg, *AJ*, 147, 149
- Baldi, R.D., Capetti, A., Chiaberge, M. & Celotti, A. 2014, The radio-loud AGN population at $z \geq 1$ in the COSMOS field. I. selection and spectral energy distributions, *A&A*, 567, A76
- Balogh, M.L., McGee, S.L., Mok, A., Wilman, D.J., Finoguenov, A., Bower, R.G., Mulchaey, J.S., Parker, L.C. & Tanaka, M. 2014, The GEEC2 spectroscopic survey of Galaxy groups at $0.8 < z < 1$, *MNRAS*, 443, 2679
- Bañados, E., Venemans, B.P., Morganson, E., Decarli, R., Walter, F., Chambers, K.C., Rix, H.-W., Farina, E.P., Fan, X., Jiang, L., McGreer, I., De Rosa, G., Simcoe, R., Weiß, A., Price, P.A., Morgan, J.S., Burgett, W.S., Greiner, J., Kaiser, N., Kudritzki, R.-P., Magner, E.A., Metcalfe, N., Stubbs, C.W., Sweeney, W., Tonry, J.L., Wainscoat, R.J., Waters, C., 2014, Discovery of Eight $z \sim 6$ Quasars from Pan-STARRS1, *AJ*, 148, 14
- Banerji, M., Fabian, A.C. & McMahon, R.G. 2014, ULASJ1234+0907: the reddest type 1 quasar at $z = 2.5$ revealed in the X-ray and far-infrared, *MNRAS*, 439, L51
- Banzatti, A., Meyer, M.R., Manara, C.F., Pontoppidan, K.M. & Testi, L. 2014, A UV-to-MIR Monitoring of DR Tau: Exploring How Water Vapor in the Planet Formation Region is Affected by Stellar Accretion Variability, *ApJ*, 780, 26
- Barbuy, B., Chiappini, C., Cantelli, E., Depagne, E., Pignatari, M., Hirschi, R., Cescutti, G., Ortolani, S., Hill, V., Zoccali, M., Minniti, D., Trevisan, M., Bica, E. & Gómez, A. 2014, High-resolution abundance analysis of red giants in the globular cluster NGC 6522, *A&A*, 570, A76
- Barnes, J.R., Jenkins, J.S., Jones, H.R.A., Jeffers, S.V., Rojo, P., Arriagada, P., Jordán, A., Minniti, D., Tuomi, M., Pinfield, D. & Anglada-Escudé, G. 2014, Precision radial velocities of 15 M₅-M₉ dwarfs, *MNRAS*, 439, 3094
- Bassa, C.G., Patruno, A., Hessels, J.W.T., Keane, E.F., Monard, B., Mahony, E.K., Bogdanov, S., Corbel, S., Edwards, P.G., Archibald, A.M., Janssen, G.H., Stappers, B.W. & Tendulkar, S. 2014, A state change in the low-mass X-ray binary XSS J12270-4859, *MNRAS*, 441, 1825
- Bastian, N., Adamo, A., Schirmer, M., Hollyhead, K., Beletsky, Y., Carraro, G., Davies, B., Gieles, M. & Silva-Villa, E. 2014, The effect of spatial resolution on optical and near-IR studies of stellar clusters: implications for the origin of the red excess, *MNRAS*, 444, 3829
- Batista, S.F.A., Adibekyan, V.Z., Sousa, S.G., Santos, N.C., Delgado Mena, E. & Hakobyan, A.A. 2014, Searching for solar siblings among the HARPS data, *A&A*, 564, A43

- Baume, G., Rodríguez, M.J., Corti, M.A., Carraro, G. & Panei, J.A. 2014, A deep and wide-field view at the IC 2944/2948 complex in Centaurus*, *MNRAS*, 443, 411
- Baxter, R.B., Dobbie, P.D., Parker, Q.A., Casewell, S.L., Lodieu, N., Burleigh, M.R., Lawrie, K.A., Külebi, B., Koester, D. & Holland, B.R. 2014, Component masses of young, wide, non-magnetic white dwarf binaries in the Sloan Digital Sky Survey Data Release 7, *MNRAS*, 440, 3184
- Beamin, J.C., Ivanov, V.D., Bayo, A., Mužić, K., Boffin, H.M.J., Allard, F., Homeier, D., Minniti, D., Gromadzki, M., Kurtev, R., Lodieu, N., Martin, E.L. & Mendez, R.A. 2014, Temperature constraints on the coldest brown dwarf known: WISE 0855-0714, *A&A*, 570, L8
- Beauvalet, L. & Marchis, F. 2014, Multiple asteroid systems (45) Eugenia and (87) Sylvia: Sensitivity to external and internal perturbations, *Icar*, 241, 13
- Beccari, G., Bellazzini, M., Fraternali, F., Battaglia, G., Perina, S., Sollima, A., Oosterloo, T.A., Testa, V. & Galleti, S. 2014, The extended structure of the dwarf irregular galaxy Sagittarius, *A&A*, 570, A78
- Bel, J., Marinoni, C., Granett, B.R., Guzzo, L., Peacock, J.A., Branchini, E., Cucciati, O., de la Torre, S., Iovino, A., Percival, W.J., Steigerwald, H., Abbas, U., Adami, C., Arnouts, S., Bolzonella, M., Bottini, D., Cappi, A., Coupon, J., Davidzon, I., De Lucia, G., Fritz, A., Franzetti, P., Fumana, M., Garilli, B., Ilbert, O., Krywult, J., Le Brun, V., Le Fèvre, O., Maccagni, D., Matek, K., Marulli, F., McCracken, H.J., Paiono, L., Polletta, M., Pollo, A., Schlagenhafer, H., Scodreggio, M., Tasca, L.A.M., Tojeiro, R., Vergani, D., Zanichelli, A., Burden, A., Di Porto, C., Marchetti, A., Mellier, Y., Moscardini, L., Nichol, R.C., Phleps, S., Wolk, M. & Zamorani, G. 2014, The VIMOS Public Extragalactic Redshift Survey (VIPERS). Ω_m from the galaxy clustering ratio measured at $z \sim 1$, *A&A*, 563, A37
- Belloche, A., Garrod, R.T., Müller, H.S.P. & Menten, K.M. 2014, Detection of a branched alkyl molecule in the interstellar medium: iso-propyl cyanide, *Sci*, 345, 1584
- Belokurov, V., Irwin, M.J., Koposov, S.E., Evans, N.W., Gonzalez-Solares, E., Metcalfe, N. & Shanks, T. 2014, ATLAS lifts the Cup: discovery of a new Milky Way satellite in Crater, *MNRAS*, 441, 2124
- Beltrán, M.T., Sánchez-Monge, Á., Cesaroni, R., Kumar, M.S.N., Galli, D., Walmsley, C.M., Etoke, S., Furuya, R.S., Moscadelli, L., Stanke, T., van der Tak, F.F.S., Vig, S., Wang, K.-S., Zinnecker, H., Eila, D., Schisano, E., 2014, Filamentary structure and Keplerian rotation in the high-mass star-forming region G35.03+0.35 imaged with ALMA, *A&A*, 571, A52
- Benedetti-Rossi, G., Vieira Martins, R., Camargo, J.I.B., Assafin, M. & Braga-Ribas, F. 2014, Pluto: improved astrometry from 19 years of observations, *A&A*, 570, A86
- Benetti, S., Nicholl, M., Cappellaro, E., Pastorello, A., Smartt, S.J., Elias-Rosa, N., Drake, A.J., Tomasella, L., Turatto, M., Harutyunyan, A., Taubenberger, S., Hachinger, S., Morales-Garoffolo, A., Chen, T.-W., Djorgovski, S.G., Fraser, M., Gal-Yam, A., Inserra, C., Mazzali, P., Pumo, M.L., Sollerman, J., Valenti, S., Young, D.R., Dennefeld, M., Le Guillou, L., Fleury, M., Léget, P.-F., 2014, The supernova CSS121015:004244+132827: a clue for understanding superluminous supernovae, *MNRAS*, 441, 289
- Bennett, D.P., Batista, V., Bond, I.A., Bennett, C.S., Suzuki, D., Beaulieu, J.-P., Udalski, A., Donatowicz, J., Bozza, V., Abe, F., Botzler, C.S., Freeman, M., Fukunaga, D., Fukui, A., Itow, Y., Koshimoto, N., Ling, C.H., Masuda, K., Matsubara, Y., Muraki, Y., Namba, S., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Sumi, T., Sweatman, W.L., Tristram, P.J., Tsurumi, N., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Albrow, M.D., Bachelet, E., Brillant, S., Caldwell, J.A.R., Cassan, A., Cole, A.A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Fouqué, P., Greenhill, J., Horne, K., Koo, J.-R., Kubas, D., Marquette, J.-B., Martin, R., Menzies, J.W., Sahu, K.C., Wambsganss, J., Williams, A., Zub, M., The PLANET Collaboration, T.P.C., Choi, J.Y., DePoy, D.L., Dong, S., Gaudi, B.S., Gould, A., Han, C., Henderson, C.B., McGregor, D., Lee, C.-U., Pogge, R.W., Shin, I.-G., Yee, J.C., The μ FUN Collaboration, T. μ C., Szymański, M.K., Skowron, J., Poleski, R., Kozłowski, S., Wyrzykowski, Ł., Kubiak, M., Pietrukowicz, P., Pietrzyński, G., Soszyński, I., Ulaczyk, K., The OGLE Collaboration, T.O.C., Tsapras, Y., Street, R.A., Dominik, M., Bramich, D.M., Browne, P., Hundermark, M., Kains, N., Snodgrass, C., Steele, I.A., The RoboNet Collaboration, T.R.C., Dekany, I., Gonzalez, O.A., Heyrovský, D., Kandori, R., Kerins, E., Lucas, P.W., Minniti, D., Nagayama, T., Rejkuba, M., Robin, A.C., Saito, R., 2014, MOA-2011-BLG-262Lb: A Sub-Earth-Mass Moon Orbiting a Gas Giant Primary or a High Velocity Planetary System in the Galactic Bulge, *ApJ*, 785, 155
- Bensby, T., Feltzing, S. & Oey, M.S. 2014, Exploring the Milky Way stellar disk. A detailed elemental abundance study of 714 F and G dwarf stars in the solar neighbourhood, *A&A*, 562, A71
- Bento, J., Wheatley, P.J., Copperwheat, C.M., Fortney, J.J., Dhillon, V.S., Hickman, R., Littlefair, S.P., Marsh, T.R., Parsons, S.G. & Southworth, J. 2014, Optical transmission photometry of the highly inflated exoplanet WASP-17b, *MNRAS*, 437, 1511
- Bergemann, M., Ruchti, G.R., Serenelli, A., Feltzing, S., Alves-Brito, A., Asplund, M., Bensby, T., Gruyters, P., Heiter, U., Hourihane, A., Korn, A., Lind, K., Marino, A., Jofre, P., Nordlander, T., Ryde, N., Worley, C.C., Gilmore, G., Randich, S., Ferguson, A.M.N., Jeffries, R.D., Micela, G., Negueruela, I., Prusti, T., Rix, H.-W., Vallenari, A., Alfaro, E.J., Allende Prieto, C., Bragaglia, A., Koposov, S.E., Lanzafame, A.C., Pancino, E., Recio-Blanco, A., Smiljanic, R., Walton, N., Costado, M.T., Franciosini, E., Hill, V., Lardo, C., de Laverny, P., Magrini, L., Maiorca, E., Masseron, T., Morbidelli, L., Sacco, G., Kordopatis, G., Tautvaišienė, G., 2014, The Gaia-ESO Survey: radial metallicity gradients and age-metallicity relation of stars in the Milky Way disk, *A&A*, 565, A89
- Bergfors, C., Farihi, J., Dufour, P. & Rocchetto, M. 2014, Signs of a faint disc population at polluted white dwarfs, *MNRAS*, 444, 2147
- Bertaux, J.L., Lallement, R., Ferron, S., Boonne, C. & Bodichon, R. 2014, TAPAS, a web-based service of atmospheric transmission computation for astronomy, *A&A*, 564, A46
- Berthier, J., Vachier, F., Marchis, F., Āurech, J. & Carry, B. 2014, Physical and dynamical properties of the main belt triple Asteroid (87) Sylvia, *Icar*, 239, 118
- Bertrang, G., Wolf, S. & Das, H.S. 2014, Large-scale magnetic fields in Bok globules, *A&A*, 565, A94
- Bestenlehner, J.M., Gräfener, G., Vink, J.S., Najarro, F., de Koter, A., Sana, H., Evans, C.J., Crowther, P.A., Hénault-Brunet, V., Herrero, A., Langer, N., Schneider, F.R.N., Simón-Díaz, S., Taylor, W.D. & Walborn, N.R. 2014, The VLT-FLAMES Tarantula Survey. XVII. Physical and wind properties of massive stars at the top of the main sequence, *A&A*, 570, A38
- Betoule, M., Kessler, R., Guy, J., Mosser, J., Hardin, D., Biswas, R., Astier, P., El-Hage, P., Konig, M., Kuhlmann, S., Mairiner, J., Pain, R., Regnault, N., Baland, C., Bassett, B.A., Brown, P.J., Campbell, H., Carlberg, R.G., Cellier-Holzem, F., Cinabro, D., Conley, A., D'Andrea, C.B., DePoy, D.L., Doi, M., Ellis, R.S., Fabbro, S., Filippenko, A.V., Foley, R.J., Frieman, J.A., Fouchez, D., Galbany, L., Goobar, A., Gupta, R.R., Hill, G.J., Hlozek, R., Hogan, C.J., Hook, I.M., Howell, D.A., Jha, S.W., Le Guillou, L., Leloudas, G., Lidman, C., Marshall, J.L., Möller, A., Mourão, A.M., Neveu, J., Nichol, R., Olmstead, M.D., Palanque-Delabrouille, N., Perlmutter, S., Prieto, J.L., Pritchett, C.J., Richmond, M., Riess, A.G., Ruhlmann-Kleider, V., Sako, M., Schahmanche, K., Schneider, D.P., Smith, M., Sollerman, J., Sullivan, M., Walton, N.A. & Wheeler, C.J. 2014, Improved

- cosmological constraints from a joint analysis of the SDSS-II and SNLS supernova samples, *A&A*, 568, A22
- Beuther, H., Ragan, S.E., Ossenkopf, V., Glover, S., Henning, T., Linz, H., Nielbock, M., Krause, O., Stutzki, J., Schilke, P. & Güsten, R. 2014, Carbon in different phases ([CII], [CI], and CO) in infrared dark clouds: Cloud formation signatures and carbon gas fractions, *A&A*, 571, A53
- Biazzo, K., Alcalá, J.M., Frasca, A., Zusi, M., Getman, F., Covino, E. & Gandolfi, D. 2014, On the accretion properties of young stellar objects in the L1615/L1616 cometary cloud, *A&A*, 572, A84
- Bielby, R.M., Gonzalez-Perez, V., McCracken, H.J., Ilbert, O., Daddi, E., Le Fèvre, O., Hudelot, P., Kneib, J.-P., Mellier, Y., Willott, C., 2014, The WIRCam Deep Survey. II. Mass selected clustering, *A&A*, 568, A24
- Billler, B.A., Males, J., Rodigas, T., Morzinski, K., Close, L.M., Juhász, A., Follette, K.B., Lacour, S., Benisty, M., Sicilia-Aguilar, A., Hinz, P.M., Weinberger, A., Henning, T., Pott, J.-U., Bonnefoy, M., Köhler, R., 2014, An Enigmatic Point-like Feature within the HD 169142 Transitional Disk, *ApJ*, 792, L22
- Bisbas, T.G., Bell, T.A., Viti, S., Barlow, M.J., Yates, J. & Vasta, M. 2014, A photodissociation region study of NGC 4038, *MNRAS*, 443, 111
- Bizzocchi, L., Filho, M.E., Leonardo, E., Grossi, M., Griffith, R.L., Afonso, J., Fernandes, C., Retré, J., Anton, S., Bell, E.F., Brinchmann, J., Henriques, B., Lobo, C. & Messias, H. 2014, Bulgeless Galaxies at Intermediate Redshift: Sample Selection, Color Properties, and the Existence of Powerful Active Galactic Nuclei, *ApJ*, 782, 22
- Blanco Cárdenas, M.W., Käufel, H.U., Guerrero, M.A., Miranda, L.F. & Seifahrt, A. 2014, CRIRES-VLT high-resolution spectro-astrometry as a tool in the search for disks inside the cores of planetary nebulae, *A&A*, 566, A133
- Blanco, M.W., Guerrero, M.A., Miranda, L.F., Lagadec, E. & Suárez, O. 2014, Near- and mid-IR morphology of the water maser emitting planetary nebula K 3-35, *A&A*, 561, A81
- Blanco-Cuaresma, S., Soubiran, C., Jofré, P. & Heiter, U. 2014, The Gaia FGK benchmark stars. High resolution spectral library, *A&A*, 566, A98
- Boehnhardt, H., Schulz, D., Protopapa, S. & Götz, C. 2014, Photometry of Transneptunian Objects for the Herschel Key Program 'TNOs are Cool', *EM&P*, 114, 35
- Boera, E., Murphy, M.T., Becker, G.D. & Bolton, J.S. 2014, The thermal history of the intergalactic medium down to redshift $z = 1.5$: a new curvature measurement, *MNRAS*, 441, 1916
- Boffin, H.M.J., Pourbaix, D., Mužić, K., Ivanov, V.D., Kurtev, R., Beletsky, Y., Mehner, A., Berger, J.P., Girard, J.H. & Mawet, D. 2014, Possible astrometric discovery of a substellar companion to the closest binary brown dwarf system WISE J104915.57-531906.1, *A&A*, 561, L4
- Boffin, H.M.J., Hillen, M., Berger, J.P., Jorissen, A., Blind, N., Le Bouquin, J.B., Mikolajewska, J. & Lazareff, B. 2014, Roche-lobe filling factor of mass-transferring red giants: the PIONIER view, *A&A*, 564, 1
- Böhringer, H., Chon, G. & Collins, C.A. 2014, The extended ROSAT-ESO Flux Limited X-ray Galaxy Cluster Survey (REFLEX II). IV. X-ray luminosity function and first constraints on cosmological parameters, *A&A*, 570, A31
- Boissel, Y., Sicardy, B., Roques, F., Gaulme, P., Doressoundiram, A., Widemann, T., Ivanov, V.D., Marco, O., Mason, E., Ageorges, N., Mousis, O., Rousselot, P., Dhillon, V.S., Littlefair, S.P., Marsh, T.R., Assafin, M., Braga Ribas, F., da Silva Neto, D., Camargo, J.I.B., Andrei, A., Vieira Martins, R., Behrend, R. & Kretlow, M. 2014, An exploration of Pluto's environment through stellar occultations, *A&A*, 561, A144
- Bongiorno, A., Maiolino, R., Brusa, M., Marconi, A., Piconcelli, E., Lamastra, A., Cano-Díaz, M., Schulze, A., Magnelli, B., Vignali, C., Fiore, F., Menci, N., Cresci, G., La Franca, F. & Merloni, A. 2014, The MBH-M* relation for X-ray-obscured, red QSOs at $1.2 < z < 2.6$, *MNRAS*, 443, 2077
- Bonifacio, P., Rahmani, H., Whitmore, J.B., Wendt, M., Centurion, M., Molaro, P., Srianand, R., Murphy, M.T., Petitjean, P., Agafonova, I.I., D'Odorico, S., Evans, T.M., Levshakov, S.A., Lopez, S., Martins, C.J.A.P., Reimers, D. & Vladilo, G. 2014, Fundamental constants and high-resolution spectroscopy, *AN*, 335, 83
- Bonnefoy, M., Chauvin, G., Lagrange, A.-M., Rojo, P., Allard, F., Pinte, C., Dumas, C., Homeier, D. 2014, A library of near-infrared integral field spectra of young M-L dwarfs, *A&A*, 562, A127
- Bordoloi, R., Lilly, S.J., Hardmeier, E., Contini, T., Kneib, J.-P., Le Fèvre, O., Mainieri, V., Renzini, A., Scodreggio, M., Zamorani, G., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Carollo, C.M., Cucciati, O., de la Torre, S., de Ravel, L., Garilli, B., Iovino, A., Kampczyk, P., Kovač, K., Knobel, C., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Oesch, P., Pello, R., Peng, Y., Perez Montero, E., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Cappi, A., Cimatti, A., Coppa, G., Franzetti, P., Koekemoer, A., Moresco, M., Nair, P., Pozzetti, L., 2014, The Dependence of Galactic Outflows on the Properties and Orientation of zCOSMOS Galaxies at $z \sim 1$, *ApJ*, 794, 130
- Borissova, J., Kumar, M.S.N., Amigo, P., Chené, A.-N., Kurtev, R., Minniti, D., 2014, Detached Dust Shell around Wolf-Rayet Star WR60-6 in the Young Stellar Cluster VVV CL036, *AJ*, 147, 18
- Borissova, J., Chené, A.-N., Ramírez Alegría, S., Sharma, S., Clarke, J.R.A., Kurtev, R., Negueruela, I., Marco, A., Amigo, P., Minniti, D., Bica, E., Bonatto, C., Catelan, M., Fierro, C., Geisler, D., Gromadzki, M., Hempel, M., Hanson, M.M., Ivanov, V.D., Lucas, P., Majaess, D., Moni Bidin, C., Popescu, B. & Saito, R.K. 2014, New galactic star clusters discovered in the VVV survey. Candidates projected on the inner disk and bulge, *A&A*, 569, A24
- Bothwell, M.S., Wagg, J., Ciccone, C., Maiolino, R., Møller, P., Aravena, M., De Breuck, C., Peng, Y., Espada, D., Hodge, J.A., Impellizzeri, C.M.V., Martín, S., Riechers, D. & Walter, F. 2014, ALLSMOG: an APEX Low-redshift Legacy Survey for MOlecular Gas - I. Molecular gas scaling relations, and the effect of the CO/H₂ conversion factor, *MNRAS*, 445, 2599
- Boumier, P., Benomar, O., Baudin, F., Verner, G., Appourchaux, T., Lebreton, Y., Gaulme, P., Chaplin, W., García, R.A., Hekker, S., Regulo, C., Salabert, D., Stahn, T., Elsworth, Y., Gizon, L., Hall, M., Mathur, S., Michel, E., Morel, T., Mosser, B., Poretti, E., Rainer, M., Roxburgh, I., do Nascimento, J.-D.J., Samadi, R., Auvergne, M., Chaintreuil, S., Baglin, A., Catala, C., 2014, Seismic analysis of HD 43587Aa, a solar-like oscillator in a multiple system, *A&A*, 564, A34
- Bours, M.C.P., Marsh, T.R., Parsons, S.G., Copperwheat, C.M., Dhillon, V.S., Littlefair, S.P., Gänsicke, B.T., Gianninas, A. & Tremblay, P.-E., 2014, Precise parameters for both white dwarfs in the eclipsing binary CSS 41177, *MNRAS*, 438, 3399
- Bours, M.C.P., Marsh, T.R., Breedt, E., Copperwheat, C.M., Dhillon, V.S., Leckngam, A., Littlefair, S.P., Parsons, S.G. & Prasad, A. 2014, Testing the planetary models of HU Aquarii, *MNRAS*, 445, 1924
- Bower, G.C., Markoff, S., Brunthaler, A., Law, C., Falcke, H., Maitra, D., Clavel, M., Goldwurm, A., Morris, M.R., Witzel, G., Meyer, L. & Ghez, A.M. 2014, The Intrinsic Two-dimensional Size of Sagittarius A*, *ApJ*, 790, 1
- Bowler, R.A.A., Dunlop, J.S., McLure, R.J., Rogers, A.B., McCracken, H.J., Milvang-Jensen, B., Furusawa, H., Fynbo, J.P.U., Taniguchi, Y., Afonso, J., Bremer, M.N. & Le Fèvre, O. 2014, The bright end of the galaxy luminosity function at $z \approx 7$: before the onset of mass quenching?, *MNRAS*, 440, 2810

- Bradač, M., Ryan, R., Casertano, S., Huang, K.-H., Lemaux, B.C., Schrabback, T., Gonzalez, A.H., Allen, S., Cain, B., Gladders, M., Hall, N., Hildebrandt, H., Hinz, J., von der Linden, A., Lubin, L., Treu, T., Zaritsky, D., 2014, Spitzer Ultra Faint Survey Program (SURFS UP). I. An Overview, *ApJ*, 785, 108
- Bradley, L.D., Zitrin, A., Coe, D., Bouwens, R., Postman, M., Balestra, I., Grillo, C., Monna, A., Rosati, P., Seitz, S., Host, O., Lemze, D., Moustakas, J., Moustakas, L.A., Shu, X., Zheng, W., Broadhurst, T., Carrasco, M., Jouvel, S., Koekemoer, A., Medezinski, E., Meneghetti, M., Nonino, M., Smit, R., Umetsu, K., Bartelmann, M., Benítez, N., Donahue, M., Ford, H., Infante, L., Jimenez-Teja, Y., Kelson, D., Lahav, O., Maoz, D., Melchior, P., Merten, J. & Molino, A. 2014, CLASH: A Census of Magnified Star-forming Galaxies at $z \sim 6-8$, *ApJ*, 792, 76
- Braibant, L., Hutsemékers, D., Sluse, D., Anguita, T. & García-Vergara, C.J. 2014, Microlensing of the broad-line region in the quadruply imaged quasar HE0435-1223, *A&A*, 565, L11
- Brantseg, T., McEntaffer, R.L., Bozzetto, L.M., Filipovic, M. & Grievas, N. 2014, A Multi-wavelength Look at the Young Plerionic Supernova Remnant 0540-69.3, *ApJ*, 780, 50
- Breedt, E., Gänsicke, B.T., Drake, A.J., Rodríguez-Gil, P., Parsons, S.G., Marsh, T.R., Szkody, P., Schreiber, M.R. & Djorgovski, S.G. 2014, 1000 cataclysmic variables from the Catalina Real-time Transient Survey, *MNRAS*, 443, 3174
- Brittain, S.D., Carr, J.S., Najita, J.R., Quanz, S.P. & Meyer, M.R. 2014, NIR Spectroscopy of the HAeBe Star HD 100546. III. Further Evidence of an Orbiting Companion?, *ApJ*, 791, 136
- Broggi, M., de Kok, R.J., Birkby, J.L., Schwarz, H. & Snellen, I.A.G. 2014, Carbon monoxide and water vapor in the atmosphere of the non-transiting exoplanet HD 179949 b, *A&A*, 565, A124
- Bruce, V.A., Pasquini, L., Saglia, R., Ruiz, M.T., Bonifacio, P., Bedin, L.R., Biazzo, K., Melo, C., Lovis, C. & Randich, S. 2014, Three planetary companions around M 67 stars, *A&A*, 561, L9
- Bruce, V.A., Dunlop, J.S., McLure, R.J., Cirasuolo, M., Buitrago, F., Bowler, R.A.A., Targett, T.A., Bell, E.F., McIntosh, D.H., Dekel, A., Faber, S.M., Ferguson, H.C., Groggin, N.A., Hartley, W., Kocevski, D.D., Koekemoer, A.M., Koo, D.C. & McGrath, E.J. 2014, The bulge-disc decomposed evolution of massive galaxies at $1 < z < 3$ in CANDELS, *MNRAS*, 444, 1001
- Bruce, V.A., Dunlop, J.S., McLure, R.J., Cirasuolo, M., Buitrago, F., Bowler, R.A.A., Targett, T.A., Bell, E.F., McIntosh, D.H., Dekel, A., Faber, S.M., Ferguson, H.C., Groggin, N.A., Hartley, W., Kocevski, D.D., Koekemoer, A.M., Koo, D.C. & McGrath, E.J. 2014, The decomposed bulge and disc size-mass relations of massive galaxies at $1 < z < 3$ in CANDELS, *MNRAS*, 444, 1660
- Bruderer, S., van der Marel, N., van Dishoeck, E.F. & van Kempen, T.A. 2014, Gas structure inside dust cavities of transition disks: Ophiuchus IRS 48 observed by ALMA, *A&A*, 562, A26
- Bufano, F., Pignata, G., Bersten, M., Mazzali, P.A., Ryder, S.D., Margutti, R., Milisavljevic, D., Morelli, L., Benetti, S., Cappellaro, E., Gonzalez-Gaitan, S., Romero-Cañizales, C., Stritzinger, M., Walker, E.S., Anderson, J.P., Contreras, C., de Jaeger, T., Förster, F., Gutierrez, C., Hamuy, M., Hsiao, E., Morrell, N., Olivares E., F., Pailas, E., Parker, S., Pian, E., Pickering, T.E., Sanders, N., Stockdale, C., Turatto, M., Valenti, S., Fesen, R.A., Maza, J., Nomoto, K., Phillips, M.M. & Soderberg, A. 2014, SN 2011hs: a fast and faint Type IIb supernova from a supergiant progenitor, *MNRAS*, 439, 1807
- Buitrago, F., Conselice, C.J., Epinat, B., Bedregal, A.G., Grützbauch, R. & Weiner, B.J. 2014, SINFONI/VLT 3D spectroscopy of massive galaxies: evidence of rotational support at $z \sim 1.4$, *MNRAS*, 439, 1494
- Busch, G., Zuther, J., Valencia-S., M., Moser, L., Fischer, S., Eckart, A., Scharwächter, J., Gadotti, D.A. & Wisotzki, L. 2014, A low-luminosity type-1 QSO sample. I. Overluminous host spheroidals or undermassive black holes, *A&A*, 561, A140
- Buson, S., Longo, F., Larsson, S., Cutini, S., Finke, J., Ciprini, S., Ojha, R., D'Ammando, F., Donato, D., Thompson, D.J., Desiante, R., Bastieri, D., Wagner, S., Hauser, M., Fuhrmann, L., Dutka, M., Müller, C., Kadler, M., Angelakis, E., Zensus, J.A., Stevens, J., Blanchard, J.M., Edwards, P.G., Lovell, J.E.J., Gurwell, M.A., Wehrle, A.E. & Zook, A. 2014, Unusual flaring activity in the blazar PKS 1424-418 during 2008-2011, *A&A*, 569, A40
- Cáceres, C., Kabath, P., Hoyer, S., Ivanov, V.D., Rojo, P., Girard, J.H., Miller-Ricci Kempton, E., Fortney, J.J. & Minniti, D. 2014, Ground-based transit observations of the super-Earth GJ 1214 b, *A&A*, 565, A7
- Caffau, E., Monaco, L., Spite, M., Bonifacio, P., Carraro, G., Ludwig, H.-G., Villanova, S., Beletsky, Y., Sbordone, L., 2014, Clues on the Galactic evolution of sulphur from star clusters, *A&A*, 568, A29
- Caffau, E., Steffen, M., Bonifacio, P., Ludwig, H.-G., Monaco, L., Lo Curto, G., Kamp, I., 2014, Isotope spectroscopy, *AN*, 335, 59
- Calamida, A., Bono, G., Lagioia, E.P., Milone, A.P., Fabrizio, M., Saviane, I., Moni Bidin, C., Mauro, F., Buonanno, R., Ferraro, I., Iannicola, G. & Zoccali, M. 2014, Strömgren and near-infrared photometry of metal-rich bulge globular clusters. I. NGC 6528 and its surrounding field, *A&A*, 565, A8
- Çalışkan, Ş., Caffau, E., Bonifacio, P., Christlieb, N., Monaco, L., Beers, T.C., Albayrak, B. & Sbordone, L. 2014, Chemical abundances of the metal-poor horizontal-branch stars CS 22186-005 and CS 30344-033, *A&A*, 571, A62
- Camargo, J.I.B., Vieira-Martins, R., Assafin, M., Braga-Ribas, F., Sicardy, B., Desmars, J., Andrei, A.H., Benedetti-Rossi, G. & Dias-Oliveira, A. 2014, Candidate stellar occultations by Centaurs and trans-Neptunian objects up to 2014, *A&A*, 561, A37
- Cantat-Gaudin, T., Vallenari, A., Zaggia, S., Bragaglia, A., Sordo, R., Drew, J.E., Eisloffel, J., Farnhill, H.J., Gonzalez-Solares, E., Greimel, R., Irwin, M.J., Kupcu-Yoldas, A., Jordi, C., Blomme, R., Sampedro, L., Costado, M.T., Alfaro, E., Smiljanic, R., Magrini, L., Donati, P., Friel, E.D., Jacobson, H., Abbas, U., Hatzidimitriou, D., Spagna, A., Vecchiato, A., Balaguer-Nunez, L., Lardo, C., Tosi, M., Pancino, E., Klutsch, A., Tautvaisiene, G., Drazdauskas, A., Puzeras, E., Jiménez-Esteban, F., Maiorca, E., Geisler, D., San Roman, I., Villanova, S., Gilmore, G., Randich, S., Bensby, T., Flaccomio, E., Lanzafame, A., Recio-Blanco, A., Damiani, F., Hourihane, A., Jofré, P., de Laverny, P., Masseron, T., Morbidelli, L., Prisinzano, L., Sacco, G.G., Sbordone, L. & Worley, C.C. 2014, The Gaia-ESO Survey: Stellar content and elemental abundances in the massive cluster NGC 6705, *A&A*, 569, A17
- Cantiello, M., Blakeslee, J.P., Raimondo, G., Chies-Santos, A.L., Jennings, Z.G., Norris, M.A. & Kuntschner, H. 2014, Globular clusters of NGC 3115 in the near-infrared. Demonstrating the correctness of two opposing scenarios, *A&A*, 564, L3
- Carballo-Bello, J.A., Sollima, A., Martínez-Delgado, D., Pila-Díez, B., Leaman, R., Fliri, J., Muñoz, R.R. & Corral-Santana, J.M. 2014, A search for stellar tidal debris of defunct dwarf galaxies around globular clusters in the inner Galactic halo, *MNRAS*, 445, 2971
- Carmona, A., Pinte, C., Thi, W.F., Benisty, M., Ménard, F., Grady, C., Kamp, I., Woitke, P., Olofsson, J., Roberge, A., Brittain, S., Duchêne, G., Meeus, G., Martin-Zaidi, C., Dent, B., Le Bouquin, J.B. & Berger, J.P. 2014, Constraining the structure of the transition disk HD 135344B (SAO 206462) by simultaneous modeling of multiwavelength gas and dust observations, *A&A*, 567, A51
- Carraro, G., Monaco, L. & Villanova, S. 2014, Abundance analysis of red clump stars in the old, inner disc, open cluster NGC 4337: a twin of NGC 752?, *A&A*, 568, A86

- Carraro, G., Villanova, S., Monaco, L., Beccari, G., Ahumada, J.A. & Boffin, H.M.J. 2014, Chemical abundance analysis of the old, rich open cluster Trumpler 20, *A&A*, 562, A39
- Carraro, G., de Silva, G., Monaco, L., Milone, A.P. & Mateluna, R. 2014, Updated properties of the old open cluster Melotte 66: Searching for multiple stellar populations, *A&A*, 566, A39
- Carretta, E., Bragaglia, A., Gratton, R.G., D'Orazi, V., Lucatello, S. & Sollima, A. 2014, Terzan 8: a Sagittarius-flavoured globular cluster, *A&A*, 561, A87
- Carretta, E., Bragaglia, A., Gratton, R.G., D'Orazi, V., Lucatello, S., Momany, Y., Sollima, A., Bellazzini, M., Catanzaro, G. & Leone, F. 2014, The extreme chemistry of multiple stellar populations in the metal-poor globular cluster NGC 4833, *A&A*, 564, A60
- Carretta, E. 2014, Three Discrete Groups with Homogeneous Chemistry along the Red Giant Branch in the Globular Cluster NGC 2808, *ApJ*, 795, L28
- Carretta, E., D'Orazi, V., Gratton, R.G. & Lucatello, S. 2014, A sequence of nitrogen-rich very red giants in the globular cluster NGC 1851, *A&A*, 563, A32
- Cartier, R., Hamuy, M., Pignata, G., Förster, F., Zelaya, P., Folatelli, G., Phillips, M.M., Morrell, N., Krisciunas, K., Suntzeff, N.B., Clocchiatti, A., Coppi, P., Contreras, C., Roth, M., Koviak, K., Maza, J., González, L., González, S. & Huerta, L. 2014, Persistent C II Absorption in the Normal Type Ia Supernova 2002fk, *ApJ*, 789, 89
- Caruana, J., Bunker, A.J., Wilkins, S.M., Stanway, E.R., Lorenzoni, S., Jarvis, M.J. & Ebert, H. 2014, Spectroscopy of $z \sim 7$ candidate galaxies: using Lyman α to constrain the neutral fraction of hydrogen in the high-redshift universe, *MNRAS*, 443, 2831
- Caso, J.P., Bassino, L.P., Richtler, T., Calderón, J.P. & Smith Castelli, A.V. 2014, Ultracompact dwarfs around NGC 3268, *MNRAS*, 442, 891
- Castellano, M., Sommariva, V., Fontana, A., Pentericci, L., Santini, P., Grazian, A., Amorin, R., Donley, J.L., Dunlop, J.S., Ferguson, H.C., Fiore, F., Galametz, A., Giallongo, E., Guo, Y., Huang, K.-H., Koekemoer, A., Maiolino, R., McLure, R.J., Paris, D., Schaerer, D., Troncoso, P., Vanzella, E., 2014, Constraints on the star-formation rate of $z \sim 3$ LBGs with measured metallicity in the CANDELS GOODS-South field, *A&A*, 566, A19
- Cazzoli, S., Arribas, S., Colina, L., Piqueras-López, J., Bellocchi, E., Emonts, B. & Maiolino, R. 2014, Spatially resolved kinematics, galactic wind, and quenching of star formation in the luminous infrared galaxy IRAS F11506-3851, *A&A*, 569, A14
- Cellino, A., Bagnulo, S., Tanga, P., Novaković, B. & Delbò, M. 2014, A successful search for hidden Barbarians in the Watsonia asteroid family, *MNRAS*, 439, L75
- Cerulo, P., Couch, W.J., Lidman, C., Delaye, L., Demarco, R., Huertas-Company, M., Mei, S. & Sánchez-Janssen, R. 2014, The morphological transformation of red sequence galaxies in the distant cluster XMMU J1229+0151, *MNRAS*, 439, 2790
- Chartas, G., Hamann, F., Eracleous, M., Misawa, T., Cappi, M., Giustini, M., Charton, J.C. & Marvin, M. 2014, Magnified Views of the Ultrafast Outflow of the $z = 1.51$ Active Galactic Nucleus HS 0810+2554, *ApJ*, 783, 57
- Chávez, R., Terlevich, R., Terlevich, E., Bresolin, F., Melnick, J., Plionis, M. & Basilakos, S. 2014, The L- σ relation for massive bursts of star formation, *MNRAS*, 442, 3565
- Chen, C.-H.R., Indebetouw, R., Muller, E., Kawamura, A., Gordon, K.D., Sewilo, M., Whitney, B.A., Fukui, Y., Madden, S.C., Meade, M.R., Meixner, M., Oliveira, J.M., Robitaille, T.P., Seale, J.P. & Shiao, B. van Loon, J.T. 2014, Spitzer View of Massive Star Formation in the Tidally Stripped Magellanic Bridge, *ApJ*, 785, 162
- Chen, Y.-P., Trager, S.C., Peletier, R.F., Lançon, A., Vazdekis, A., Prugniel, P. & Silva, D.R. Gonneau, A. 2014, The X-shooter Spectral Library (XSL). I. DR1: Near-ultraviolet through optical spectra from the first year of the survey, *A&A*, 565, A117
- Chernyakova, M., Abdo, A.A., Neronov, A., McSwain, M.V., Moldón, J., Ribó, M., Paredes, J.M., Sushch, I., de Naurois, M., Schwanke, U., Uchiyama, Y., Wood, K., Johnston, S., Chaty, S., Coleiro, A., Malyshev, D. & Babyk, I. 2014, Multiwavelength observations of the binary system PSR B1259-63/LS 2883 around the 2010-2011 periastron passage, *MNRAS*, 439, 432
- Chesneau, O., Millour, F., De Marco, O., Bright, S.N., Spang, A., Lagadec, E., Mékarnia, D. & de Wit, W.J. 2014, The RCB star V854 Centauri is surrounded by a hot dusty shell \star , *A&A*, 569, L4
- Chesneau, O., Kaufer, A., Stahl, O., Colvinter, C., Spang, A., Dessart, L., Prinja, R. & Chini, R. 2014, The variable stellar wind of Rigel probed at high spatial and spectral resolution, *A&A*, 566, A125
- Chesneau, O., Meilland, A., Chapellier, E., Millour, F., van Genderen, A.M., Nazé, Y., Smith, N., Spang, A., Smoker, J.V., Dessart, L., Kanaan, S., Bendjoya, P., Feast, M.W., Groh, J.H., Lobel, A., Nardetto, N., Otero, S., Oudmaijer, R.D., Tekola, A.G., Whitelock, P.A., Arcos, C., Curé, M. & Vanzi, L. 2014, The yellow hypergiant HR 5171 A: Resolving a massive interacting binary in the common envelope phase, *A&A*, 563, A71
- Chesneau, O., Millour, F., De Marco, O., Bright, S.N., Spang, A., Banerjee, D.P.K., Ashok, N.M., Kamiński, T., Wisniewski, J.P., Meilland, A. & Lagadec, E. 2014, V838 Monocerotis: the central star and its environment a decade after outburst, *A&A*, 569, L3
- Chiang, Y.-K. & Overzier, R. Gebhardt, K. 2014, Discovery of a Large Number of Candidate Protoclusters Traced by ~ 15 Mpc-scale Galaxy Overdensities in COSMOS, *ApJ*, 782, L3
- Choquet, É., Kervella, P., Le Bouquin, J.-B., Mérand, A., Berger, J.-P., Haubois, X., Perrin, G., Petrucci, P.-O., Lazareff, B., Pott, J.-U., 2014, The close environment of high-mass X-ray binaries at high angular resolution. I. VLT/AMBER and VLT/PIONIER near-infrared interferometric observations of Vela X-1, *A&A*, 561, A46
- Cioni, M.-R.L., Girardi, L., Moretti, M.I., Piffi, T., Ripepi, V., Rubele, S., Scholz, R.-D., Bekki, K., Clementini, G., Ivanov, V.D., Oliveira, J.M., van Loon, J.T., 2014, The VMC survey. IX. Pilot study of the proper motion of stellar populations in the LMC from 2MASS and VISTA data, *A&A*, 562, A32
- Clark, J.S., Ritchie, B.W., Najjarro, F., Langer, N. & Negueruela, I. 2014, A VLT/FLAMES survey for massive binaries in Westerlund 1. IV. Wd1-5 - binary product and a pre-supernova companion for the magnetar CXOU J1647-45?, *A&A*, 565, A90
- Clerc, N., Adami, C., Lieu, M., Maughan, B., Pacaud, F., Pierre, M., Sadibekova, T., Smith, G.P., Valageas, P., Altieri, B., Benoist, C., Maurogordato, S. & Willis, J.P. 2014, The XMM-LSS survey: the Class 1 cluster sample over the extended 11 deg² and its spatial distribution, *MNRAS*, 444, 2723
- Clyne, N., Redman, M.P., Lloyd, M., Matsuura, M., Singh, N. & Meaburn, J. 2014, VLT observations of the asymmetric Etched Hourglass Nebula, MyCn 18, *A&A*, 569, A50
- Coccatto, L., Iodice, E. & Arnaboldi, M. 2014, Spectral decomposition of the stellar kinematics in the polar disk galaxy NGC 4650A, *A&A*, 569, A83
- Codella, C., Cabrit, S., Gueth, F., Podio, L., Leurini, S., Bachiller, R., Gusdorf, A., Lefloch, B., Nisini, B., Tafalla, M. & Yvart, W. 2014, The ALMA view of the protostellar system HH212. The wind, the cavity, and the disk, *A&A*, 568, L5
- Cohen, R.E., Mauro, F., Geisler, D., Moni Bidin, C., Dotter, A. & Bonatto, C. 2014, Photometric and Structural Properties of NGC 6544: A Combined WVV-Hubble Space Telescope Study, *AJ*, 148, 18
- Coldwell, G., Alonso, S., Duplancic, F., Hempel, M., Ivanov, V.D. & Minniti, D. 2014, Confirmation of a galaxy cluster hidden behind the Galactic bulge using the WVV survey, *A&A*, 569, A49

- Combes, F., García-Burillo, S., Casasola, V., Hunt, L.K., Krips, M., Baker, A.J., Boone, F., Eckart, A., Marquez, I., Neri, R., Schinnerer, E. & Tacconi, L.J. 2014, ALMA reveals the feeding of the Seyfert 1 nucleus in NGC 1566, *A&A*, 565, A97
- Contreras Peña, C., Lucas, P.W., Froebrich, D., Kumar, M.S.N., Goldstein, J., Drew, J.E., Adamson, A., Davis, C.J., Barentsen, G. & Wright, N.J. 2014, Extreme infrared variables from UKIDSS - I. A concentration in star-forming regions, *MNRAS*, 439, 1829
- Cooke, E.A., Hatch, N.A., Muldrew, S.I., Rigby, E.E. & Kurk, J.D. 2014, A $z = 2.5$ protocluster associated with the radio galaxy MRC 2104-242: star formation and differing mass functions in dense environments, *MNRAS*, 440, 3262
- Cooke, J., Ryan-Weber, E.V., Garel, T. & Díaz, C.G. 2014, Lyman-continuum galaxies and the escape fraction of Lyman-break galaxies, *MNRAS*, 441, 837
- Cooke, R.J., Pettini, M., Jorgenson, R.A., Murphy, M.T. & Steidel, C.C. 2014, Precision Measures of the Primordial Abundance of Deuterium, *ApJ*, 781, 31
- Cordero, M.J., Pilachowski, C.A., Johnson, C.I., McDonald, I., Zijlstra, A.A. & Simmerer, J. 2014, Detailed Abundances for a Large Sample of Giant Stars in the Globular Cluster 47 Tucanae (NGC 104), *ApJ*, 780, 94
- Cormier, D., Madden, S.C., Lebouteiller, V., Hony, S., Aalto, S., Costagliola, F., Hughes, A., Rémy-Ruyer, A., Abel, N., Bayet, E., Bigiel, F., Cannon, J.M., Cumming, R.J., Galametz, M., Galliano, F., Viti, S. & Wu, R. 2014, The molecular gas reservoir of 6 low-metallicity galaxies from the Herschel Dwarf Galaxy Survey. A ground-based follow-up survey of CO(1-0), CO(2-1), and CO(3-2), *A&A*, 564, A121
- Cottaar, M. & Hénault-Brunet, V. 2014, Binary-corrected velocity dispersions from single- and multi-epoch radial velocities: massive stars in R136 as a test case, *A&A*, 562, A20
- Cowley, C.R., Hubrig, S. & Przybilla, N. 2014, Chemical abundances of the high-latitude Herbig Ae Star PDS2, *MNRAS*, 440, 2457
- Cox, N.L.J. & Patat, F. 2014, Dense molecular clouds in the SN 2008fp host galaxy, *A&A*, 565, A61
- Cox, N.L.J., Cami, J., Kaper, L., Ehrenfreund, P., Foing, B.H., Ochsendorf, B.B., van Hooff, S.H.M. & Salama, F. 2014, VLT/X-Shooter survey of near-infrared diffuse interstellar bands, *A&A*, 569, A117
- Crockett, N.R., Bergin, E.A., Neill, J.L., Favre, C., Schilke, P., Lis, D.C., Bell, T.A., Blake, G., Cernicharo, J., Emprechtinger, M., Esplugues, G.B., Gupta, H., Kleshcheva, M., Lord, S., Marcelino, N., McGuire, B.A., Pearson, J., Phillips, T.G., Plume, R., van der Tak, F., Tercero, B. & Yu, S. 2014, Herschel Observations of Extraordinary Sources: Analysis of the HIFI 1.2 THz Wide Spectral Survey toward Orion KL. I. Methods, *ApJ*, 787, 112
- Crossfield, I.J.M., Biller, B., Schlieder, J.E., Deacon, N.R., Bonnefoy, M., Homeier, D., Allard, F., Buenzli, E., Henning, T., Brandner, W., Goldman, B. & Kopytova, T. 2014, A global cloud map of the nearest known brown dwarf, *Nature*, 505, 654
- Csengeri, T., Urquhart, J.S., Schuller, F., Motte, F., Bontemps, S., Wyrowski, F., Menten, K.M., Bronfman, L., Beuther, H., Henning, T., Testi, L., Zavagno, A. & Walmsley, M. 2014, The ATLASGAL survey: a catalog of dust condensations in the Galactic plane, *A&A*, 565, A75
- Cucciati, O., Zamorani, G., Lemaux, B.C., Bardelli, S., Cimatti, A., Le Fèvre, O., Cassata, P., Garilli, B., Le Brun, V., Maccagni, D., Pentericci, L., Tasca, L.A.M., Thomas, R., Vanzella, E., Zucca, E., Amorin, R., Capak, P., Cassarà, L.P., Castellano, M., Cuby, J.G., de la Torre, S., Durkalec, A., Fontana, A., Giavalisco, M., Grazian, A., Hathi, N.P., Ilbert, O., Moreau, C., Paltani, S., Ribero, B., Salvato, M., Schaerer, D., Scodreggio, M., Sommariva, V., Talia, M., Taniguchi, Y., Tresse, L., Vergani, D., Wang, P.W., Charot, S., Contini, T., Fotopoulou, S., López-Sanjuan, C., Mellier, Y. & Scoville, N. 2014, Discovery of a rich proto-cluster at $z = 2.9$ and associated diffuse cold gas in the VIMOS Ultra-Deep Survey (VUDS), *A&A*, 570, A16
- Cucciati, O., Granett, B.R., Branchini, E., Marulli, F., Iovino, A., Moscardini, L., Bel, J., Cappi, A., Peacock, J.A., de la Torre, S., Bolzonella, M., Guzzo, L., Polletta, M., Fritz, A., Adami, C., Bottini, D., Coupon, J., Davidzon, I., Franzetti, P., Fumana, M., Garilli, B., Krywult, J., Małek, K., Paioro, L., Pollo, A., Scodreggio, M., Tasca, L.A.M., Vergani, D., Zanichelli, A., Di Porto, C. & Zamorani, G. 2014, The VIMOS Public Extragalactic Redshift Survey (VIPERS). Never mind the gaps: comparing techniques to restore homogeneous sky coverage, *A&A*, 565, A67
- Cunha, D., Santos, N.C., Figueira, P., Santerne, A., Bertaux, J.L. & Lovis, C. 2014, Impact of micro-telluric lines on precise radial velocities and its correction, *A&A*, 568, A35
- Currie, T., Burrows, A., Girard, J.H., Cloutier, R., Fukagawa, M., Sorahana, S., Kuchner, M., Kenyon, S.J., Madhusudhan, N., Itoh, Y., Jayawardhana, R., Matsumura, S. & Pyo, T.-S. 2014, Deep Thermal Infrared Imaging of HR 8799 bcde: New Atmospheric Constraints and Limits on a Fifth Planet, *ApJ*, 795, 133
- Currie, T., Daemgen, S., Debes, J., Lafreniere, D., Itoh, Y., Jayawardhana, R., Ratzka, T. & Correia, S. 2014, Direct Imaging and Spectroscopy of a Candidate Companion Below/Near the Deuterium-burning Limit in the Young Binary Star System, ROXs 42B, *ApJ*, 780, L30
- D'Elia, V., Fynbo, J.P.U., Goldoni, P., Covino, S., de Ugarte Postigo, A., Ledoux, C., Calura, F., Gorosabel, J., Malesani, D., Matteucci, F., Sánchez-Ramírez, R., Savaglio, S., Castro-Tirado, A.J., Hartoog, O.E., Kaper, L., Muñoz-Darias, T., Pian, E., Piranomonte, S., Tagliaferri, G., Tanvir, N., Vergani, S.D., Watson, D.J. & Xu, D. 2014, VLT/X-shooter spectroscopy of the GRB 120327A afterglow, *A&A*, 564, A38
- D'Onofrio, M., Bindoni, D., Fasano, G., Bettoni, D., Cava, A., Fritz, J., Gullieuszik, M., Kjærgaard, P., Moretti, A., Moles, M., Omizzolo, A., Poggianti, B.M., Valentinuzzi, T. & Varela, J. 2014, Surface photometry of WINGS galaxies with GASPOT, *A&A*, 572, A87
- D'Orazi, V., Angelou, G.C., Gratton, R.G., Lattanzio, J.C., Bragaglia, A., Carretta, E., Lucatello, S. & Momany, Y. 2014, Lithium Abundances in Globular Cluster Giants: NGC 6218 (M12) and NGC 5904 (M5), *ApJ*, 791, 39
- Da Costa, G.S., Held, E.V. & Saviane, I. 2014, NGC 5824: a luminous outer halo globular cluster with an intrinsic abundance spread, *MNRAS*, 438, 3507
- da Silva, R., Maceroni, C., Gandolfi, D., Lehmann, H. & Hatzes, A.P. 2014, CoRoT 105906206: a short-period and totally eclipsing binary with a δ Scuti type pulsator, *A&A*, 565, A55
- Dalessandro, E., Massari, D., Bellazzini, M., Mocchi, P., Mucciarelli, A., Salaris, M., Cassisi, S., Ferraro, F.R. & Lanzoni, B. 2014, First Evidence of Fully Spatially Mixed First and Second Generations in Globular Clusters: The Case of NGC 6362, *ApJ*, 791, L4
- Damiani, F., Prisinzano, L., Micela, G., Randich, S., Gilmore, G., Drew, J.E., Jeffries, R.D., Frémat, Y., Alfaro, E.J., Bensby, T., Bragaglia, A., Flaccomio, E., Lanzafame, A.C., Pancino, E., Recio-Blanco, A., Sacco, G.G., Smiljanic, R., Jackson, R.J., de Laverny, P., Morbidelli, L., Worley, C.C., Hourihane, A., Costado, M.T., Jofré, P., Lind, K. & Maiorca, E. 2014, Gaia-ESO Survey: Empirical classification of VLT/Giraffe stellar spectra in the wavelength range 6440-6810 Å in the γ Velorum cluster, and calibration of spectral indices, *A&A*, 566, A50
- Danilovich, T., Bergman, P., Justtanont, K., Lombaert, R., Maercker, M., Olofsson, H., Ramstedt, S. & Royer, P. 2014, Detailed modelling of the circumstellar molecular line emission of the S-type AGB star W Aquilae, *A&A*, 569, A76
- Dannerbauer, H., Kurk, J.D., De Breuck, C., Wylezalek, D., Santos, J.S., Koyama, Y., Seymour, N., Tanaka, M., Hatch, N., Altieri, B., Coia, D., Galametz, A., Kodama, T., Miley, G., Röttgering, H.,

- Sanchez-Portal, M., Valtchanov, I., Venemans, B. & Ziegler, B. 2014, An excess of dusty starbursts related to the Spiderweb galaxy, *A&A*, 570, A55
- Datson, J., Flynn, C. & Portinari, L. 2014, Solar analogues and solar twins in the HARPS archive, *MNRAS*, 439, 1028
- Davies, L.J.M., Bremer, M.N., Stanway, E.R., Husband, K., Lehnert, M.D. & Mannering, E.J.A. 2014, Identifying clustering at high redshift through actively star-forming galaxies, *MNRAS*, 438, 2732
- Davies, R.I., Maciejewski, W., Hicks, E.K.S., Emsellem, E., Erwin, P., Burtscher, L., Dumas, G., Lin, M., Malkan, M.A., Müller-Sánchez, F., Orban de Xivry, G., Rosario, D.J., Schnorr-Müller, A. & Tran, A. 2014, Fueling Active Galactic Nuclei. II. Spatially Resolved Molecular Inflows and Outflows, *ApJ*, 792, 101
- de Barros, S., Schaerer, D. & Stark, D.P. 2014, Properties of $z \sim 3-6$ Lyman break galaxies. II. Impact of nebular emission at high redshift, *A&A*, 563, A81
- De Breuck, C., Williams, R.J., Swinbank, M., Caselli, P., Coppin, K., Davis, T.A., Maiolino, R., Nagao, T., Smail, I., Walter, F., Weiß, A. & Zwaan, M.A. 2014, ALMA resolves turbulent, rotating [CII] emission in a young starburst galaxy at $z = 4.8$, *A&A*, 565, A59
- De Gennaro Aquino, I., Shore, S.N., Schwarz, G.J., Mason, E., Starrfield, S. & Sion, E.M. 2014, The spectroscopic evolution of the recurrent nova T Pyxidis during its 2011 outburst. III. The ultraviolet development from iron curtain through the post-X-ray turnoff, *A&A*, 562, A28
- De Grandi, S., Santos, J.S., Nonino, M., Molendi, S., Tozzi, P., Rossetti, M., Fritz, A. & Rosati, P. 2014, On the Fe abundance peak formation in cool-core clusters of galaxies: hints from cluster WARPJ1415.1+3612 at $z = 1.03$, *A&A*, 567, A102
- de Martino, D., Casares, J., Mason, E., Buckley, D.A.H., Kotze, M.M., Bonnet-Bidaud, J.-M., Mouchet, M., Coppejans, R., Gulbis, A.A.S., 2014, Unveiling the redback nature of the low-mass X-ray binary XSS J1227.0-4859 through optical observations, *MNRAS*, 444, 3004
- De Medeiros, J.R., Alves, S., Udry, S., Andersen, J., Nordström, B. & Mayor, M. 2014, A catalog of rotational and radial velocities for evolved stars. V. Southern stars, *A&A*, 561, A126
- De Pascale, M., Worley, C.C., de Laverny, P., Recio-Blanco, A., Hill, V. & Bijaoui, A. 2014, The AMBRE project: Parameterisation of FGK-type stars from the ESO:HARPS archived spectra, *A&A*, 570, A68
- De Rosa, G., Venemans, B.P., Decarli, R., Gennaro, M., Simcoe, R.A., Dietrich, M., Peterson, B.M., Walter, F., Frank, S., McMahon, R.G., Hewett, P.C., Mortlock, D.J. & Simpson, C. 2014, Black Hole Mass Estimates and Emission-line Properties of a Sample of Redshift $z > 6.5$ Quasars, *ApJ*, 790, 145
- De Rosa, R.J., Patience, J., Wilson, P.A., Schneider, A., Wiktorowicz, S.J., Vigan, A., Marois, C., Song, I., Macintosh, B., Graham, J.R., Doyon, R., Bessell, M.S., Thomas, S. & Lai, O. 2014, The VAST Survey - III. The multiplicity of A-type stars within 75 pc, *MNRAS*, 437, 1216
- De Smedt, K., Van Winckel, H., Kamath, D., Karakas, A.I., Siess, L., Goriely, S. & Wood, P. 2014, The lead discrepancy in intrinsically s-process enriched post-AGB stars in the Magellanic Clouds, *A&A*, 563, L5
- de Ugarte Postigo, A., Thöne, C.C., Rowlinson, A., García-Benito, R., Levan, A.J., Gorosabel, J., Goldoni, P., Schulze, S., Zafar, T., Wiersema, K., Sánchez-Ramírez, R., Melandri, A., D'Avanzo, P., Oates, S., D'Elia, V., De Pasquale, M., Krühler, T., van der Horst, A.J., Xu, D., Watson, D., Piranomonte, S., Vergani, S.D., Milvang-Jensen, B., Kaper, L., Malesani, D., Fynbo, J.P.U., Cano, Z., Covino, S., Flores, H., Greiss, S., Hammer, F., Hartoog, O.E., Hellmich, S., Heuser, C., Hjorth, J., Jakobsson, P., Mottola, S., Sparre, M., Sollerman, J., Tagliaferri, G., Tanvir, N.R., Vestergaard, M. & Wijers, R.A.M.J. 2014, Spectroscopy of the short-hard GRB 130603B. The host galaxy and environment of a compact object merger, *A&A*, 563, A62
- Deacon, N.R., Liu, M.C., Magnier, E.A., Aller, K.M., Best, W.M.J., Dupuy, T., Bowler, B.P., Mann, A.W., Redstone, J.A., Burgett, W.S., Chambers, K.C., Draper, P.W., Flewelling, H., Hodapp, K.W., Kaiser, N., Kudritzki, R.-P., Morgan, J.S., Metcalfe, N., Price, P.A., Tonry, J.L., Wainscoat, R.J., 2014, Wide Cool and Ultracool Companions to Nearby Stars from Pan-STARRS 1, *ApJ*, 792, 119
- Decarli, R., Smail, I., Walter, F., Swinbank, A.M., Chapman, S., Coppin, K.E.K., Cox, P., Dannerbauer, H., Greve, T.R., Hodge, J.A., Ivison, R., Karim, A., Knudsen, K.K., Lindroos, L., Rix, H.-W., Schinnerer, E., Simpson, J.M., van der Werf, P., Weiß, A., 2014, An ALMA Survey of Sub-millimeter Galaxies in the Extended Chandra Deep Field South: Sub-millimeter Properties of Color-selected Galaxies, *ApJ*, 780, 115
- Dehghan, S. & Johnston-Hollitt, M. 2014, Clusters, Groups, and Filaments in the Chandra Deep Field-South up to Redshift 1, *AJ*, 147, 52
- Del Moro, A., Mullaney, J.R., Alexander, D.M., Comastri, A., Bauer, F.E., Treister, E., Stern, D., Civano, F., Ranalli, P., Vignali, C., Aird, J.A., Ballantyne, D.R., Baloković, M., Boggs, S.E., Brandt, W.N., Christensen, F.E., Craig, W.W., Gandhi, P., Gilli, R., Hailey, C.J., Harrison, F.A., Hickox, R.C., LaMassa, S.M., Lansbury, G.B., Luo, B., Puccetti, S., Urry, M. & Zhang, W.W. 2014, NuSTAR J033202-2746.8: Direct Constraints on the Compton Reflection in a Heavily Obscured Quasar at $z \approx 2$, *ApJ*, 786, 16
- Delaye, L., Huertas-Company, M., Mei, S., Lidman, C., Licitra, R., Newman, A., Raichoor, A., Shankar, F., Barrientos, F., Bernardi, M., Cerulo, P., Couch, W., Demarco, R., Muñoz, R., Sánchez-Janssen, R. & Tanaka, M. 2014, Larger sizes of massive quiescent early-type galaxies in clusters than in the field at $0.8 < z < 1.5$, *MNRAS*, 441, 203
- Delgado Mena, E., Israelian, G., González Hernández, J.I., Sousa, S.G., Mortier, A., Santos, N.C., Adibekyan, V.Z., Fernandes, J., Rebolo, R., Udry, S. & Mayor, M. 2014, Li depletion in solar analogues with exoplanets. Extending the sample, *A&A*, 562, A92
- Dent, W.R.F., Wyatt, M.C., Roberge, A., Augereau, J.-C., Casassus, S., Corder, S., Greaves, J.S., de Gregorio-Monsalvo, I., Hales, A., Jackson, A.P., Hughes, A.M., Lagrange, A.-M., Matthews, B., Wilner, D., 2014, Molecular Gas Clumps from the Destruction of Icy Bodies in the β Pictoris Debris Disk, *Sci*, 343, 1490
- Dessart, L., Gutierrez, C.P., Hamuy, M., Hillier, D.J., Lanz, T., Anderson, J.P., Folatelli, G., Freedman, W.L., Ley, F., Morrell, N., Persson, S.E., Phillips, M.M., Stritzinger, M. & Suntzeff, N.B. 2014, Type II Plateau supernovae as metallicity probes of the Universe, *MNRAS*, 440, 1856
- Di Folco, E., Dutrey, A., Le Bouquin, J.-B., Lacour, S., Berger, J.-P., Köhler, R., Guilloteau, S., Piétu, V., Bary, J., Beck, T., Beust, H., Pantin, E., 2014, GG Tauri: the fifth element, *A&A*, 565, L2
- Divoy, C., Contini, T., Pérez-Montero, E., Queyrel, J., Epinat, B., López-Sanjuan, C., Vergani, D., Moutaka, J., Amram, P., Garilli, B., Kissler-Patig, M., Le Fèvre, O., Paioro, L., Tasca, L.A.M., Tresse, L. & Perret, V. 2014, MASSIV: Mass Assembly Survey with SINFONI in VVDS. VI. Metallicity-related fundamental relations in star-forming galaxies at $1 < z < 2$, *A&A*, 569, A64
- Dobrovolskas, V., Kučinskas, A., Bonifacio, P., Korotin, S.A., Steffen, M., Sbordone, L., Caffau, E., Ludwig, H.-G., Royer, F., Prakashavičius, D., 2014, Abundances of lithium, oxygen, and sodium in the turn-off stars of Galactic globular cluster 47 Tucanae, *A&A*, 565, A121
- Domiciano de Souza, A., Kervella, P., Moser Faes, D., Dalla Vedova, G., Mérand, A., Le Bouquin, J.-B., Espinosa Lara, F., Rieutord, M., Bendjoya, P., Carciofi, A.C., Hadjara, M., Millour, F., Vakili,

- F., 2014, The environment of the fast rotating star Achernar. III. Photospheric parameters revealed by the VLTI, *A&A*, 569, A10
- Donati, P., Cantat Gaudin, T., Bragaglia, A., Friel, E., Magrini, L., Smiljanic, R., Vallenari, A., Tosi, M., Sordo, R., Tautvaišienė, G., Blanco-Cuaresma, S., Costado, M.T., Geisler, D., Klutsch, A., Mowlavi, N., Muñoz, C., San Roman, I., Zaggia, S., Gilmore, G., Randich, S., Bensby, T., Flaccomio, E., Koposov, S.E., Korn, A.J., Pancino, E., Recio-Blanco, A., Franciosini, E., de Laverny, P., Lewis, J., Morbidelli, L., Prisinzano, L., Sacco, G., Worley, C.C., Hourihane, A., Jofré, P., Lardo, C. & Maiorca, E. 2014, The Gaia-ESO Survey: Reevaluation of the parameters of the open cluster Trumpler 20 using photometry and spectroscopy, *A&A*, 561, A94
- Donato, D., Cenko, S.B., Covino, S., Troja, E., Pursimo, T., Cheung, C.C., Fox, O., Kutyrev, A., Campana, S., Fugazza, D., Landt, H. & Butler, N.R. 2014, A Tidal Disruption Event in a nearby Galaxy Hosting an Intermediate Mass Black Hole, *ApJ*, 781, 59
- Downes, J.J., Briceño, C., Mateu, C., Hernández, J., Vivas, A.K., Calvet, N., Hartmann, L., Petr-Gotzens, M.G. & Allen, L. 2014, The low-mass star and sub-stellar populations of the 25 Orionis group, *MNRAS*, 444, 1793
- Doyle, A.P., Davies, G.R., Smalley, B., Chaplin, W.J. & Elsworth, Y. 2014, Determining stellar macroturbulence using asteroseismic rotational velocities from Kepler, *MNRAS*, 444, 3592
- Drew, J.E., Gonzalez-Solares, E., Greimel, R., Irwin, M.J., Küpcü Yoldas, A., Lewis, J., Barentsen, G., Eisloffel, J., Farnhill, H.J., Martin, W.E., Walsh, J.R., Walton, N.A., Mohr-Smith, M., Raddi, R., Sale, S.E., Wright, N.J., Groot, P., Barlow, M.J., Corradi, R.L.M., Drake, J.J., Fabregat, J., Frew, D.J., Gänsicke, B.T., Knigge, C., Mampaso, A., Morris, R.A.H., Naylor, T., Parker, Q.A., Phillipps, S., Ruhland, C., Steeghs, D., Unruh, Y.C., Vink, J.S., Wesson, R. & Zijlstra, A.A. 2014, The VST Photometric H α Survey of the Southern Galactic Plane and Bulge (VPHAS+), *MNRAS*, 440, 2036
- Drouart, G., De Breuck, C., Vernet, J., Seymour, N., Lehnert, M., Barthel, P., Bauer, F.E., Ibar, E., Galametz, A., Haas, M., Hatch, N., Mullaney, J.R., Nesvadba, N., Rocca-Volmerange, B., Röttgering, H.J.A., Stern, D. & Wylezalek, D. 2014, Rapidly growing black holes and host galaxies in the distant Universe from the Herschel Radio Galaxy Evolution Project, *A&A*, 566, A53
- Drummond, J.D., Carry, B., Merline, W.J., Dumas, C., Hammel, H., Erard, S., Conrad, A., Tamblin, P. & Chapman, C.R. 2014, Dwarf planet Ceres: Ellipsoid dimensions and rotational pole from Keck and VLT adaptive optics images, *Icar*, 236, 28
- Ducourant, C., Teixeira, R., Galli, P.A.B., Le Champion, J.F., Krone-Martins, A., Zuckerman, B., Chauvin, G. & Song, I. 2014, The TW Hydrae association: trigonometric parallaxes and kinematic analysis, *A&A*, 563, A121
- Duffard, R., Pinilla-Alonso, N., Ortiz, J.L., Alvarez-Candal, A., Sicardy, B., Santos-Sanz, P., Morales, N., Colazo, C., Fernández-Valenzuela, E. & Braga-Ribas, F. 2014, Photometric and spectroscopic evidence for a dense ring system around Centaur Chariklo, *A&A*, 568, A79
- Duffau, S., Vivas, A.K., Zinn, R., Méndez, R.A. & Ruiz, M.T. 2014, A comprehensive view of the Virgo stellar stream, *A&A*, 566, A118
- Dumusque, X. 2014, Deriving Stellar Inclination of Slow Rotators Using Stellar Activity, *ApJ*, 796, 133
- Duronea, N.U., Vasquez, J., Romero, G.A., Cappa, C.E., Barbá, R. & Bronfman, L. 2014, Molecules, dust, and protostars in NGC 3503, *A&A*, 565, A30
- Dutrey, A., di Folco, E., Guilloteau, S., Boehler, Y., Bary, J., Beck, T., Beust, H., Chapillon, E., Gueth, F., Huré, J.-M., Pierens, A., Piétu, V., Simon, M., Tang, Y.-W., 2014, Possible planet formation in the young, low-mass, multiple stellar system GG Tau A, *Nature*, 514, 600
- Dutta, R., Srianand, R., Rahmani, H., Petitjean, P., Noterdaeme, P. & Ledoux, C. 2014, A study of low-metallicity DLAs at high redshift and C II* as a probe of their physical conditions, *MNRAS*, 440, 307
- Ellerbroek, L.E., Podio, L., Dougados, C., Cabrit, S., Sitko, M.L., Sana, H., Kaper, L., de Koter, A., Klaassen, P.D., Mulders, G.D., Mendigutía, I., Grady, C.A., Grankin, K., van Winckel, H., Bacciotti, F., Russell, R.W., Lynch, D.K., Hammel, H.B., Beerman, L.C., Day, A.N., Huelsman, D.M., Werren, C., Henden, A. & Grindlay, J. 2014, Relating jet structure to photometric variability: the Herbig Ae star HD 163296, *A&A*, 563, A87
- Elliott, P., Bayo, A., Melo, C.H.F., Torres, C.A.O., Sterzik, M. & Quast, G.R. 2014, Search for associations containing young stars (SACY). V. Is multiplicity universal? Tight multiple systems, *A&A*, 568, A26
- Emonts, B.H.C., Piqueras-López, J., Colina, L., Arribas, S., Villar-Martin, M., Pereira-Santaella, M., Garcia-Burillo, S. & Alonso-Herrero, A. 2014, Outflow of hot and cold molecular gas from the obscured secondary nucleus of NGC 3256: closing in on feedback physics, *A&A*, 572, A40
- Emsellem, E., Krajnović, D. & Sarzi, M. 2014, A kinematically distinct core and minor-axis rotation: the MUSE perspective on M87, *MNRAS*, 445, L79
- Ertel, S., Absil, O., Defrère, D., Le Bouquin, J.-B., Augereau, J.-C., Marion, L., Blind, N., Bonsor, A., Bryden, G., Lebreton, J., Milli, J., 2014, A near-infrared interferometric survey of debris-disk stars. IV. An unbiased sample of 92 southern stars observed in H band with VLTI/PIONIER, *A&A*, 570, A128
- Esposito, P., Israel, G.L., Dall'Oso, S. & Covino, S. 2014, Swift X-ray and ultraviolet observations of the shortest orbital period double-degenerate system RX J0806.3+1527 (HM Cnc), *A&A*, 561, A117
- Esquej, P., Alonso-Herrero, A., González-Martín, O., Hönl, S.F., Hernán-Caballero, A., Roche, P., Ramos Almeida, C., Mason, R.E., Díaz-Santos, T., Levenson, N.A., Aretxaga, I., Rodríguez Espinosa, J.M. & Packham, C. 2014, Nuclear Star Formation Activity and Black Hole Accretion in Nearby Seyfert Galaxies, *ApJ*, 780, 86
- Esteban, C., García-Rojas, J., Carigi, L., Peimbert, M., Bresolin, F., López-Sánchez, A.R. & Mesa-Delgado, A. 2014, Carbon and oxygen abundances from recombination lines in low-metallicity star-forming galaxies. Implications for chemical evolution, *MNRAS*, 443, 624
- Eufrazio, R.T., Dwek, E., Arendt, R.G., de Mello, D.F., Gadotti, D.A., Urrutia-Viscarra, F., Mendes de Oliveira, C. & Benford, D.J. 2014, Star Formation Histories across the Interacting Galaxy NGC 6872, the Largest-known Spiral, *ApJ*, 795, 89
- Evans, T.M., Murphy, M.T., Whitmore, J.B., Misawa, T., Centurion, M., D'Odorico, S., Lopez, S., Martins, C.J.A.P., Molaro, P., Petitjean, P., Rahmani, H., Srianand, R. & Wendt, M. 2014, The UVES Large Program for testing fundamental physics - III. Constraints on the fine-structure constant from three telescopes, *MNRAS*, 445, 128
- Faesi, C.M., Lada, C.J., Forbrich, J., Menten, K.M. & Bouy, H. 2014, Molecular Cloud-scale Star Formation in NGC 300, *ApJ*, 789, 81
- Falcón-Barroso, J., Ramos Almeida, C., Böker, T., Schinnerer, E., Knapen, J.H., Lançon, A. & Ryder, S. 2014, The circumnuclear environment of NGC 613: a nuclear starburst caught in the act?, *MNRAS*, 438, 329
- Fang, M., Sicilia-Aguilar, A., Roccatagliata, V., Fedele, D., Henning, T., Eiroa, C. & Müller, A. 2014, GW Orionis: Inner disk readjustments in a triple system, *A&A*, 570, A118
- Faramaz, V., Beust, H., Thébaud, P., Augereau, J.-C., Bonsor, A., del Burgo, C., Ertel, S., Marshall, J.P., Milli, J., Montesinos, B., Mora, A., Bryden, G., Danchi, W., Eiroa, C., White, G.J., Wolf, S., 2014, Can eccentric debris disks be long-lived?. A first

- numerical investigation and application to $\zeta 2$ Reticuli, *A&A*, 563, A72
- Farihi, J., Wyatt, M.C., Greaves, J.S., Bonsor, A., Sibthorpe, B. & Panić, O. 2014, ALMA and Herschel observations of the prototype dusty and polluted white dwarf G29-38, *MNRAS*, 444, 1821
- Farina, E.P., Falomo, R., Scarpa, R., Decarli, R., Treves, A. & Kotilainen, J.K. 2014, The extent of the Mg II absorbing circumgalactic medium of quasars, *MNRAS*, 441, 886
- Farrell, S.A., Servillat, M., Gladstone, J.C., Webb, N.A., Soria, R., Maccarone, T.J., Wiersema, K., Hau, G.K.T., Pforr, J., Hakala, P.J., Knigge, C., Barret, D., Maraston, C. & Kong, A.K.H. 2014, Combined analysis of Hubble and VLT photometry of the intermediate mass black hole ESO 243-49 HLX-1, *MNRAS*, 437, 1208
- Farrow, D.J., Cole, S., Metcalfe, N., Draper, P.W., Norberg, P., Foucaud, S., Burgett, W.S., Chambers, K.C., Kaiser, N., Kudritzki, R.P., Magnier, E.A., Price, P.A., Tonry, J.L. & Waters, C. 2014, Pan-STARRS1: Galaxy clustering in the Small Area Survey 2, *MNRAS*, 437, 748
- Fassbender, R., Nastasi, A., Santos, J.S., Lidman, C., Verdugo, M., Koyama, Y., Rosati, P., Pierini, D., Padilla, N., Romeo, A.D., Menci, N., Bongiorno, A., Castellano, M., Cerulo, P., Fontana, A., Galametz, A., Grazian, A., Lamastra, A., Pentericci, L., Sommariva, V., Strazzullo, V., Šuhada, R. & Tozzi, P. 2014, Galaxy population properties of the massive X-ray luminous galaxy cluster XDCP J0044.0-2033 at $z = 1.58$. Red-sequence formation, massive galaxy assembly, and central star formation activity, *A&A*, 568, A5
- Favre, C., Carvajal, M., Field, D., Jørgensen, J.K., Bisschop, S.E., Brouillet, N., Despois, D., Baudry, A., Kleiner, I., Bergin, E.A., Crockett, N.R., Neill, J.L., Margulès, L., Huet, T.R. & Demaison, J. 2014, 13C-Methyl Formate: Observations of a Sample of High-mass Star-forming Regions Including orion-KL and Spectroscopic Characterization, *ApJS*, 215, 25
- Feldmeier, A., Neumayer, N., Seth, A., Schödel, R., Lützgendorf, N., de Zeeuw, P.T., Kissler-Patig, M., Nishiyama, S. & Walcher, C.J. 2014, Large scale kinematics and dynamical modelling of the Milky Way nuclear star cluster, *A&A*, 570, A2
- Fensch, J., Mieske, S., Müller-Seidnitz, J. & Hilker, M. 2014, The colour-magnitude relation of globular clusters in Centaurus and Hydra. Constraints on star cluster self-enrichment with a link to massive Milky Way globular clusters, *A&A*, 567, A105
- Ferreras, I., Böhm, A., Ziegler, B. & Silk, J. 2014, Age-dating the Tully-Fisher relation at moderate redshift, *MNRAS*, 437, 1872
- Finley, H., Petitjean, P., Noterdaeme, P. & Pâris, I. 2014, A ~ 6 Mpc overdensity at $z \approx 2.7$ detected along a pair of quasar sight lines: filament or protocluster?, *A&A*, 572, A31
- Fischer, W.J., Megeath, S.T., Tobin, J.J., Hartmann, L., Stutz, A.M., Kounkel, M., Poteet, C.A., Ali, B., Osorio, M., Manoj, P., Remming, I., Stanke, T. & Watson, D.M. 2014, HOPS 136: An Edge-on Orion Protostar near the End of Envelope Infall, *ApJ*, 781, 123
- Fletcher, L.N., de Pater, I., Orton, G.S., Hammel, H.B., Sitko, M.L. & Irwin, P.G.J. 2014, Neptune at summer solstice: Zonal mean temperatures from ground-based observations, 2003-2007, *Icar*, 231, 146
- Flores-Durán, S.N., Peña, M., Hernández-Martínez, L., García-Rojas, J. & Ruiz, M.T. 2014, Kinematic study of planetary nebulae in NGC 6822, *A&A*, 568, A82
- Folatelli, G., Bersten, M.C., Kunarayakti, H., Olivares Estay, F., Anderson, J.P., Holmbo, S., Maeda, K., Morrell, N., Nomoto, K., Pignata, G., Stritzinger, M., Contreras, C., Förster, F., Hamuy, M., Phillips, M.M., Prieto, J.L., Valenti, S., Afonso, P., Altenmüller, K., Elliott, J., Greiner, J., Updike, A., Haislip, J.B., LaCluyze, A.P., Moore, J.P. & Reichart, D.E. 2014, Supernova 2010as: The Lowest-velocity Member of a Family of Flat-velocity Type IIb Supernovae, *ApJ*, 792, 7
- Fontana, A., Dunlop, J.S., Paris, D., Targett, T.A., Boutsia, K., Castellano, M., Galametz, A., Grazian, A., McLure, R., Merlin, E., Pentericci, L., Wuyts, S., Almaini, O., Caputi, K., Chary, R.R., Cirasuolo, M., Conselice, C.J., Cooray, A., Daddi, E., Dickinson, M., Faber, S.M., Fazio, G., Ferguson, H.C., Giallongo, E., Giavalisco, M., Grogin, N.A., Hathi, N., Koekemoer, A.M., Koo, D.C., Lucas, R.A., Nonino, M., Rix, H.W., Renzini, A., Rosario, D., Santini, P., Scarlata, C., Sommariva, V., Stark, D.P., van der Wel, A., Vanzella, E., Wild, V., Yan, H., Zibetti, S., 2014, The Hawk-I UDS and GOODS Survey (HUGS): Survey design and deep K-band number counts, *A&A*, 570, A11
- Fornasier, S., Lantz, C., Barucci, M.A. & Lazzarin, M. 2014, Aqueous alteration on main belt primitive asteroids: Results from visible spectroscopy, *Icar*, 233, 163
- Fornasier, S., Lazzaro, D., Alvarez-Candal, A., Snodgrass, C., Tozzi, G.P., Carvano, J.M., Jiménez-Teja, Y., Silva, J.S. & Bramich, D.M. 2014, The Centaur 10199 Chariklo: investigation into rotational period, absolute magnitude, and cometary activity, *A&A*, 568, L11
- Fornasini, F.M., Tomsick, J.A., Bodaghee, A., Krivonos, R.A., An, H., Rahoui, F., Gotthelf, E.V., Bauer, F.E. & Stern, D. 2014, The Norma Arm Region Chandra Survey Catalog: X-Ray Populations in the Spiral Arms, *ApJ*, 796, 105
- Förster Schreiber, N.M., Genzel, R., Newman, S.F., Kurk, J.D., Lutz, D., Tacconi, L.J., Wuyts, S., Bandara, K., Burkert, A., Buschkamp, P., Carollo, C.M., Cresci, G., Daddi, E., Davies, R., Eisenhauer, F., Hicks, E.K.S., Lang, P., Lilly, S.J., Mainieri, V., Mancini, C., Naab, T., Peng, Y., Renzini, A., Rosario, D., Shapiro Griffin, K., Shapley, A.E., Sternberg, A., Tacchella, S., Vergani, D., Wisnioski, E., Wuyts, E. & Zamorani, G. 2014, The Sins/zC-Sinf Survey of $z \sim 2$ Galaxy Kinematics: Evidence for Powerful Active Galactic Nucleus-Driven Nuclear Outflows in Massive Star-Forming Galaxies, *ApJ*, 787, 38
- Fox, A., Richter, P. & Fechner, C. 2014, VLT/UVES observations of peculiar α abundances in a sub-DLA at $z \approx 1.8$ towards the quasar B1101-26, *A&A*, 572, A102
- Franchini, M., Morossi, C., Marcantonio, P.D., Malagnini, M.L. & Chavez, M. 2014, The FEROS-Lick/SDSS observational data base of spectral indices of FGK stars for stellar population studies, *MNRAS*, 442, 220
- Fransson, C., Ergon, M., Challis, P.J., Chevalier, R.A., France, K., Kirshner, R.P., Marion, G.H., Milisavljevic, D., Smith, N., Bufano, F., Friedman, A.S., Kangas, T., Larsson, J., Mattila, S., Benetti, S., Chornock, R., Czekala, I., Soderberg, A. & Sollerman, J. 2014, High-density Circumstellar Interaction in the Luminous Type II In SN 2010jl: The First 1100 Days, *ApJ*, 797, 118
- Frederiksen, T.F., Graur, O., Hjorth, J., Maoz, D. & Poznanski, D. 2014, Spectroscopic identification of a redshift 1.55 supernova host galaxy from the Subaru Deep Field Supernova Survey, *A&A*, 563, A140
- Friel, E.D., Donati, P., Bragaglia, A., Jacobson, H.R., Magrini, L., Prisinzano, L., Randich, S., Tosi, M., Cantat-Gaudin, T., Vallenari, A., Smiljanic, R., Carraro, G., Sordo, R., Maiorca, E., Tautvaišienė, G., Sestito, P., Zaggia, S., Jiménez-Esteban, F.M., Gilmore, G., Jeffries, R.D., Alfaro, E., Bensby, T., Koposov, S.E., Korn, A.J., Pancino, E., Recio-Blanco, A., Franciosini, E., Hill, V., Jackson, R.J., de Laverny, P., Morbidelli, L., Sacco, G.G., Worley, C.C., Hourihane, A., Costado, M.T., Jofré, P. & Lind, K. 2014, Gaia-ESO Survey: Properties of the intermediate age open cluster NGC 4815, *A&A*, 563, A117
- Fritz, A., Scodreggio, M., Ilbert, O., Bolzonella, M., Davidzon, I., Coupon, J., Garilli, B., Guzzo, L., Zamorani, G., Abbas, U., Adami, C., Arnouts, S., Bel, J., Bottini, D., Branchini, E., Cappi, A., Cucciati, O., De Lucia, G., de la Torre, S., Franzetti, P., Fumana, M., Granett, B.R., Iovino, A., Krywult, J., Le Brun, V.,

- Le Fèvre, O., Maccagni, D., Malek, K., Marulli, F., McCracken, H.J., Paioro, L., Polletta, M., Pollo, A., Schlagenhauer, H., Tasca, L.A.M., Tojeiro, R., Vergani, D., Zanichelli, A., Burden, A., Di Porto, C., Marchetti, A., Marinoni, C., Mellier, Y., Moscardini, L., Nichol, R.C., Peacock, J.A., Percival, W.J., Phleps, S. & Wolk, M. 2014, The VIMOS Public Extragalactic Redshift Survey (VIPERS): A quiescent formation of massive red-sequence galaxies over the past 9 Gyr, *A&A*, 563, A92
- Fuhrmann, L., Larsson, S., Chiang, J., Angelakis, E., Zensus, J.A., Nestoras, I., Krichbaum, T.P., Ungerechts, H., Sievers, A., Pavlidou, V., Readhead, A.C.S., Max-Moerbeck, W. & Pearson, T.J. 2014, Detection of significant cm to sub-mm band radio and γ -ray correlated variability in Fermi bright blazars, *MNRAS*, 441, 1899
- Fumagalli, M., O'Meara, J.M., Prochaska, J.X., Kanekar, N. & Wolfe, A.M. 2014, Directly imaging damped Ly α galaxies at $z > 2$ - II. Imaging and spectroscopic observations of 32 quasar fields, *MNRAS*, 444, 1282
- Fumagalli, M., Fossati, M., Hau, G.K.T., Gavazzi, G., Bower, R., Sun, M. & Boselli, A. 2014, MUSE sneaks a peek at extreme ram-pressure stripping events - I. A kinematic study of the archetypal galaxy ESO137-001, *MNRAS*, 445, 4335
- Furlan, E., Megeath, S.T., Osorio, M., Stutz, A.M., Fischer, W.J., Ali, B., Stanke, T., Manoj, P., Adams, J.D. & Tobin, J.J. 2014, On the Nature of the Deeply Embedded Protostar OMC-2 FIR 4, *ApJ*, 786, 26
- Fynbo, J.P.U., Krühler, T., Leighly, K., Ledoux, C., Vreeswijk, P.M., Schulze, S., Noterdaeme, P., Watson, D., Wijers, R.A.M.J., Bolmer, J., Cano, Z., Christensen, L., Covino, S., D'Elia, V., Flores, H., Friis, M., Goldoni, P., Greiner, J., Hammer, F., Hjorth, J., Jakobsson, P., Japelj, J., Kaper, L., Klose, S., Knust, F., Leloudas, G., Levan, A., Malesani, D., Milvang-Jensen, B., Møller, P., Nicuesa Guelbenzu, A., Oates, S., Pian, E., Schady, P., Sparre, M., Tagliaferri, G., Tanvir, N., Thöne, C.C., de Ugarte Postigo, A., Vergani, S., Wiersema, K., Xu, D. & Zafar, T. 2014, The mysterious optical afterglow spectrum of GRB 140506A at $z = 0.889$, *A&A*, 572, A12
- Galametz, M., Albrecht, M., Kennicutt, R., Aniano, G., Bertoldi, F., Calzetti, D., Croxall, K.V., Dale, D., Draine, B., Engelbracht, C., Gordon, K., Hinz, J., Hunt, L.K., Kirkpatrick, A., Murphy, E., Roussel, H., Skibba, R.A., Walter, F., Weiss, A. & Wilson, C.D. 2014, Dissecting the origin of the submillimetre emission in nearby galaxies with Herschel and LABOCA, *MNRAS*, 439, 2542
- Galicher, R., Rameau, J., Bonnefoy, M., Baudino, J.-L., Currie, T., Boccaletti, A., Chauvin, G., Lagrange, A.-M., Marois, C., 2014, Near-infrared detection and characterization of the exoplanet HD 95086 b with the Gemini Planet Imager, *A&A*, 565, L4
- Gall, C., Hjorth, J., Watson, D., Dwek, E., Maund, J.R., Fox, O., Leloudas, G., Malesani, D. & Day-Jones, A.C. 2014, Rapid formation of large dust grains in the luminous supernova 2010jl, *Nature*, 511, 326
- Gallazzi, A., Bell, E.F., Zibetti, S., Brinchmann, J. & Kelson, D.D. 2014, Charting the Evolution of the Ages and Metallicities of Massive Galaxies since $z = 0.7$, *ApJ*, 788, 72
- Gallenne, A., Mérand, A., Kervella, P., Brethfelder, J., Le Bouquin, J.-B., Monnier, J.D., Gieren, W., Pilecki, B., Pietrzyński, G., 2014, Multiplicity of Galactic Cepheids from long-baseline interferometry. II. The Companion of AX Circini revealed with VLTI/PIONIER, *A&A*, 561, L3
- Gallenne, A., Kervella, P., Mérand, A., Evans, N.R., Girard, J.H.V., Gieren, W. & Pietrzyński, G. 2014, Searching for visual companions of close Cepheids. VLT/NACO lucky imaging of Y Oph, FF Aql, X Sgr, W Sgr, and η Aql, *A&A*, 567, A60
- Galloway, D.K., Premachandra, S., Steeghs, D., Marsh, T., Casares, J. & Cornelisse, R. 2014, Precision Ephemerides for Gravitational-wave Searches. I. Sco X-1, *ApJ*, 781, 14
- Gálvez-Ortiz, M.C., Kuznetsov, M., Clarke, J.R.A., Pavlenko, Y.V., Folkes, S.L., Pinfield, D.J., Jones, H.R.A., Jenkins, J.S., Barnes, J.R., Burningham, B., Day-Jones, A.C., Martín, E.L., García Pérez, A.E., del Burgo, C. & Pokorny, R.S. 2014, Spectroscopic signatures of youth in low-mass kinematic candidates of young moving groups, *MNRAS*, 439, 3890
- García, M., Herrero, A., Najarro, F., Lennon, D.J. & Alejandro Urbaneja, M. 2014, Winds of Low-metallicity OB-type Stars: HST-COS Spectroscopy in IC 1613, *ApJ*, 788, 64
- García-Burillo, S., Combes, F., Usero, A., Aalto, S., Krips, M., Viti, S., Alonso-Herrero, A., Hunt, L.K., Schinnerer, E., Baker, A.J., Boone, F., Casasola, V., Colina, L., Costagliola, F., Eckart, A., Fuente, A., Henkel, C., Labiano, A., Martín, S., Márquez, I., Müller, S., Planesas, P., Ramos Almeida, C., Spaans, M., Tacconi, L.J. & van der Werf, P.P. 2014, Molecular line emission in NGC 1068 imaged with ALMA. I. An AGN-driven outflow in the dense molecular gas, *A&A*, 567, A125
- Garilli, B., Guzzo, L., Scoddeggio, M., Bolzonella, M., Abbas, U., Adami, C., Arnouts, S., Bel, J., Bottini, D., Branchini, E., Cappi, A., Coupon, J., Cucciati, O., Davidzon, I., De Lucia, G., de la Torre, S., Franzetti, P., Fritz, A., Fumana, M., Granett, B.R., Ilbert, O., Iovino, A., Krywult, J., Le Brun, V., Le Fèvre, O., Maccagni, D., Malek, K., Marulli, F., McCracken, H.J., Paioro, L., Polletta, M., Pollo, A., Schlagenhauer, H., Tasca, L.A.M., Tojeiro, R., Vergani, D., Zamorani, G., Zanichelli, A., Burden, A., Di Porto, C., Marchetti, A., Marinoni, C., Mellier, Y., Moscardini, L., Nichol, R.C., Peacock, J.A., Percival, W.J., Phleps, S. & Wolk, M. 2014, The VIMOS Public Extragalactic Survey (VIPERS). First Data Release of 57 204 spectroscopic measurements, *A&A*, 562, A23
- Garufi, A., Quanz, S.P., Schmid, H.M., Avenhaus, H., Buenzli, E. & Wolf, S. 2014, Shadows and cavities in protoplanetary disks: HD 163296, HD 141569A, and HD 150193A in polarized light, *A&A*, 568, A40
- Gavazzi, R., Marshall, P.J., Treu, T. & Sonnenfeld, A. 2014, RINGFINDER: Automated Detection of Galaxy-scale Gravitational Lenses in Ground-based Multi-filter Imaging Data, *ApJ*, 785, 144
- Gazak, J.Z., Davies, B., Bastian, N., Kudritzki, R., Bergemann, M., Plez, B., Evans, C., Patrick, L., Bresolin, F. & Schinnerer, E. 2014, A New Method for Measuring Metallicities of Young Super Star Clusters, *ApJ*, 787, 142
- Geier, S., Østensen, R.H., Heber, U., Kupfer, T., Maxted, P.F.L., Barlow, B.N., Vučković, M., Tillich, A., Müller, S., Edelmann, H., Classen, L. & McLeod, A.F. 2014, Orbital solutions of eight close sdB binaries and constraints on the nature of the unseen companions, *A&A*, 562, A95
- Gelino, C.R., Smart, R.L., Marocco, F., Kirkpatrick, J.D., Cushing, M.C., Mace, G., Mendez, R.A., Tinney, C.G. & Jones, H.R.A. 2014, WISEP J061135.13-041024.0 AB: A J-band Flux Reversal Binary at the L/T Transition, *AJ*, 148, 6
- Genovali, K., Lemasle, B., Bono, G., Romaniello, M., Fabrizio, M., Ferraro, I., Iannicola, G., Laney, C.D., Nonino, M., Bergemann, M., Buonanno, R., François, P., Inno, L., Kudritzki, R.-P., Matsunaga, N., Pedicelli, S., Primas, F., Thévenin, F., 2014, On the fine structure of the Cepheid metallicity gradient in the Galactic thin disk, *A&A*, 566, A37
- Genzel, R., Förster Schreiber, N.M., Rosario, D., Lang, P., Lutz, D., Wisnioski, E., Wuyts, E., Wuyts, S., Bandara, K., Bender, R., Berta, S., Kurk, J., Mendel, J.T., Tacconi, L.J., Wilman, D., Beifiori, A., Brammer, G., Burkert, A., Buschkamp, P., Chan, J., Carollo, C.M., Davies, R., Eisenhauer, F., Fabricius, M., Fossati, M., Kriek, M., Kulkarni, S., Lilly, S.J., Mancini, C., Momcheva, I., Naab, T., Nelson, E.J., Renzini, A., Saglia, R., Sharples, R.M., Sternberg, A., Tacchella, S. & van Dokkum, P. 2014, Evidence for Wide-spread Active Galactic Nucleus-driven Outflows in the Most Massive $z \sim 1-2$ Star-forming Galaxies, *ApJ*, 796, 7

- Genzel, R., Förster Schreiber, N.M., Lang, P., Tacchella, S., Tacconi, L.J., Wuyts, S., Bandara, K., Burkert, A., Buschkamp, P., Carollo, C.M., Cresci, G., Davies, R., Eisenhauer, F., Hicks, E.K.S., Kurk, J., Lilly, S.J., Lutz, D., Mancini, C., Naab, T., Newman, S., Peng, Y., Renzini, A., Shapiro Griffin, K., Sternberg, A., Vergani, D., Wisnioski, E., Wuyts, E. & Zamorani, G. 2014, The SINS/zC-SINF Survey of $z \sim 2$ Galaxy Kinematics: Evidence for Gravitational Quenching, *ApJ*, 785, 75
- Georgakakis, A., Pérez-González, P.G., Fanidakis, N., Salvato, M., Aird, J., Messias, H., Lotz, J.M., Barro, G., Hsu, L.-T., Nandra, K., Rosario, D., Cooper, M.C., Kocevski, D.D., Newman, J.A., 2014, Investigating evidence for different black hole accretion modes since redshift $z \sim 1$, *MNRAS*, 440, 339
- Gerner, T., Beuther, H., Semenov, D., Linz, H., Vasyunina, T., Bühr, S., Shirley, Y.L. & Henning, T. 2014, Chemical evolution in the early phases of massive star formation. I, *A&A*, 563, A97
- Gesicki, K., Zijlstra, A.A., Hajduk, M. & Szyszka, C. 2014, Accelerated post-AGB evolution, initial-final mass relations, and the star-formation history of the Galactic bulge, *A&A*, 566, A48
- Ghezzi, L., Dutra-Ferreira, L., Lorenzo-Oliveira, D., Porto de Mello, G.F., Santiago, B.X., De Lee, N., Lee, B.L., da Costa, L.N., Maia, M.A.G., Ogando, R.L.C., Wisniewski, J.P., González Hernández, J.I., Stassun, K.G., Fleming, S.W., Schneider, D.P., Mahadevan, S., Cargile, P., Ge, J., Pepper, J., Wang, J. & Pærgert, M. 2014, Accurate Atmospheric Parameters at Moderate Resolution Using Spectral Indices: Preliminary Application to the MARVELS Survey, *AJ*, 148, 105
- Giannetti, A., Wyrowski, F., Brand, J., Csengeri, T., Fontani, F., Walmsley, C.M., Nguyen Luong, Q., Beuther, H., Schuller, F., Güsten, R. & Menten, K.M. 2014, ATLASGAL-selected massive clumps in the inner Galaxy. I. CO depletion and isotopic ratios, *A&A*, 570, A65
- Gieren, W., Pilecki, B., Pietrzyński, G., Graczyk, D., Thompson, I.B., Soszyński, I., Konorski, P., Smolec, R., Udalski, A., Nardetto, N., Bono, G., Prada Moroni, P.G., Storm, J. & Gallenne, A. 2014, The Araucaria Project. OGLE-LMC-CEP-1718: An Exotic Eclipsing Binary System Composed of Two Classical Overtone Cepheids in a 413 Day Orbit, *ApJ*, 786, 80
- Gillen, E., Aigrain, S., McQuillan, A., Bouvier, J., Hodgkin, S., Alencar, S.H.P., Terquem, C., Southworth, J., Gibson, N.P., Cody, A., Lendl, M., Morales-Calderón, M., Favata, F., Stauffer, J. & Micela, G. 2014, CoRoT 223992193: A new, low-mass, pre-main sequence eclipsing binary with evidence of a circumbinary disk, *A&A*, 562, A50
- Gilli, R., Norman, C., Vignali, C., Vanzella, E., Calura, F., Pozzi, F., Massardi, M., Mignano, A., Casasola, V., Daddi, E., Elbaz, D., Dickinson, M., Iwasawa, K., Maiolino, R., Brusa, M., Vito, F., Fritz, J., Feltre, A., Cresci, G., Mignoli, M., Comastri, A. & Zamorani, G. 2014, ALMA reveals a warm and compact starburst around a heavily obscured supermassive black hole at $z = 4.75$, *A&A*, 562, A67
- Ginski, C., Schmidt, T.O.B., Mugrauer, M., Neuhäuser, R., Vogt, N., Errmann, R. & Berndt, A. 2014, Astrometric follow-up observations of directly imaged sub-stellar companions to young stars and brown dwarfs, *MNRAS*, 444, 2280
- Ginski, C., Mugrauer, M., Neuhäuser, R. & Schmidt, T.O.B. 2014, Astrometric monitoring and orbit constraint of the GSC 08047-00232 system with VLT/NaCo, *MNRAS*, 438, 1102
- Gomes da Silva, J., Santos, N.C., Boisse, I., Dumusque, X. & Lovis, C. 2014, On the long-term correlation between the flux in the Ca II H & K and H α lines for FGK stars, *A&A*, 566, A66
- González, J.F., Saffe, C., Castellí, F., Hubrig, S., Ilyin, I., Schöller, M., Carroll, T.A., Leone, F. & Giarrusso, M. 2014, HD 161701, a chemically peculiar binary with a HgMn primary and an Ap secondary, *A&A*, 561, A63
- Goto, M., Geballe, T.R., Indriolo, N., Yusef-Zadeh, F., Usuda, T., Henning, T. & Oka, T. 2014, Infrared H $_3^+$ and CO Studies of the Galactic Core: GCIRS 3 and GCIRS 1W, *ApJ*, 786, 96
- Graczyk, D., Pietrzyński, G., Thompson, I.B., Gieren, W., Pilecki, B., Konorski, P., Udalski, A., Soszyński, I., Villanova, S., Górski, M., Suchomska, K., Karczmarek, P., Kudritzki, R.-P., Bresolin, F., Gallenne, A., 2014, The Araucaria Project. The Distance to the Small Magellanic Cloud from Late-type Eclipsing Binaries, *ApJ*, 780, 59
- Gratton, R.G., Lucatello, S., Sollima, A., Carretta, E., Bragaglia, A., Momany, Y., D'Orazi, V., Cassisi, S. & Salaris, M. 2014, The Na-O anticorrelation in horizontal branch stars. IV. *M 22*, *A&A*, 563, A13
- Graur, O., Rodney, S.A., Maoz, D., Riess, A.G., Jha, S.W., Postman, M., Dahlen, T., Holoien, T.W.-S., McCully, C., Patel, B., Strolger, L.-G., Benítez, N., Coe, D., Jouvel, S., Medezinski, E., Molino, A., Nonino, M., Bradley, L., Koekemoer, A., Balestra, I., Cenko, S.B., Clubb, K.I., Dickinson, M.E., Filippenko, A.V., Frederiksen, T.F., Garnavich, P., Hjorth, J., Jones, D.O., Leibundgut, B., Matheson, T., Mobasher, B., Rosati, P., Silverman, J.M., U, V., Jedruszczak, K., Li, C., Lin, K., Mirmelstein, M., Neustadt, J., Ovdadia, A., Rogers, E.H., 2014, Type-Ia Supernova Rates to Redshift 2.4 from CLASH: The Cluster Lensing And Supernova Survey with Hubble, *ApJ*, 783, 28
- Grave, J.M.C., Kumar, M.S.N., Ojha, D.K., Teixeira, G.D.C. & Pace, G. 2014, The ionizing sources of luminous compact HII regions in the RCW106 and RCW122 clouds, *A&A*, 563, A123
- Greene, J.E., Seth, A., Lyubenova, M., Walsh, J., van de Ven, G. & Lasker, R. 2014, Circumnuclear Molecular Gas in Megamaser Disk Galaxies NGC 4388 and NGC 1194, *ApJ*, 788, 145
- Greggio, L., Rejkuba, M., Gonzalez, O.A., Arnaboldi, M., Iodice, E., Irwin, M., Neeser, M.J. & Emerson, J. 2014, A panoramic VISTA of the stellar halo of NGC 253, *A&A*, 562, A73
- Greiner, J., Yu, H.-F., Krühler, T., Frederiks, D.D., Beloborodov, A., Bhat, P.N., Bolmer, J., van Eerten, H., Aptekar, R.L., Elliott, J., Golenetskii, S.V., Graham, J.F., Hurley, K., Kann, D.A., Klose, S., Nicuesa Guelbenzu, A., Rau, A., Schady, P., Schmidt, S., Sudilovsky, V., Svinkin, D.S., Tanga, M., Ulanov, M.V., Varela, K., von Kienlin, A. & Zhang, X.-L., 2014, GROND coverage of the main peak of gamma-ray burst 130925A, *A&A*, 568, A75
- Greiss, S., Steeghs, D., Jonker, P.G., Torres, M.A.P., Maccarone, T.J., Hynes, R.I., Britt, C.T., Nelemans, G. & Gänsicke, B.T. 2014, Near-infrared counterparts to the Galactic Bulge Survey X-ray source population, *MNRAS*, 438, 2839
- Grillo, C., Gobat, R., Presotto, V., Balestra, I., Mercurio, A., Rosati, P., Nonino, M., Vanzella, E., Christensen, L., Graves, G., Biviano, A., Lemze, D., Bartelmann, M., Benítez, N., Bouwens, R., Bradley, L., Broadhurst, T., Coe, D., Donahue, M., Ford, H., Infante, L., Jouvel, S., Kelson, D., Koekemoer, A., Lahav, O., Medezinski, E., Melchior, P., Meneghetti, M., Merten, J., Molino, A., Monna, A., Moustakas, J., Moustakas, L.A., Postman, M., Seitz, S., Umetsu, K., Zheng, W. & Zitrin, A. 2014, CLASH: Extending Galaxy Strong Lensing to Small Physical Scales with Distant Sources Highly Magnified by Galaxy Cluster Members, *ApJ*, 786, 11
- Groenewegen, M.A.T. 2014, First detection of rotational CO line emission in a red giant branch star, *A&A*, 561, L11
- Gruen, D., Seitz, S., Brimiouille, F., Kosyra, R., Koppenhoefer, J., Lee, C.-H., Bender, R., Riffeser, A., Eichner, T., Weidinger, T., Bierschen, M., 2014, Weak lensing analysis of SZ-selected clusters of galaxies from the SPT and Planck surveys, *MNRAS*, 442, 1507
- Gruyters, P., Nordlander, T. & Korn, A.J. 2014, Atomic diffusion and mixing in old stars. V. A deeper look into the globular cluster NGC 6752, *A&A*, 567, A72
- Guennou, L., Biviano, A., Adami, C., Limousin, M., Lima Neto, G.B., Mamon, G.A., Ulmer, M.P., Gavazzi, R., Cypriano, E.S., Durret,

- F., Clowe, D., LeBrun, V., Allam, S., Basa, S., Benoist, C., Cappi, A., Halliday, C., Ilbert, O., Johnston, D., Jullo, E., Just, D., Kubo, J.M., Márquez, I., Marshall, P., Martinet, N., Maurogordato, S., Mazure, A., Murphy, K.J., Plana, H., Rostagni, F., Russeil, D., Schirmer, M., Schrabback, T., Slezak, E., Tucker, D., Zaritsky, D. & Ziegler, B. 2014, Mass profile and dynamical status of the $z \sim 0.8$ galaxy cluster LCDCS 0504, *A&A*, 566, A149
- Guennou, L., Adami, C., Durret, F., Lima Neto, G.B., Ulmer, M.P., Clowe, D., LeBrun, V., Martinet, N., Allam, S., Annis, J., Basa, S., Benoist, C., Biviano, A., Cappi, A., Cypriano, E.S., Gavazzi, R., Halliday, C., Ilbert, O., Jullo, E., Just, D., Limousin, M., Márquez, I., Mazure, A., Murphy, K.J., Plana, H., Rostagni, F., Russeil, D., Schirmer, M., Slezak, E., Tucker, D., Zaritsky, D. & Ziegler, B. 2014, Structure and substructure analysis of DAFT/FADA galaxy clusters in the [0.4-0.9] redshift range, *A&A*, 561, A112
- Guidorzi, C., Mundell, C.G., Harrison, R., Margutti, R., Sudilovsky, V., Zauderer, B.A., Kobayashi, S., Cucchiara, A., Melandri, A., Pandey, S.B., Berger, E., Bersier, D., D'Elia, V., Gomboc, A., Greiner, J., Japelj, J., Kopač, D., Kumar, B., Malesani, D., Mottram, C.J., O'Brien, P.T., Rau, A., Smith, R.J., Steele, I.A., Tanvir, N.R. & Virgili, F. 2014, New constraints on gamma-ray burst jet geometry and relativistic shock physics, *MNRAS*, 438, 752
- Guilbert-Lepoutre, A., Schulz, R., Rožek, A., Lowry, S.C., Tozzi, G.P. & Stüwe, J.A. 2014, Pre-perihelion activity of comet 67P/Churyumov-Gerasimenko, *A&A*, 567, L2
- Gutiérrez, C.P., Anderson, J.P., Hamuy, M., González-Gaitán, S., Folatelli, G., Morrell, N.I., Stritzinger, M.D., Phillips, M.M., McCarthy, P., Suntzeff, N.B. & Thomas-Osip, J. 2014, $H\alpha$ Spectral Diversity of Type II Supernovae: Correlations with Photometric Properties, *ApJ*, 786, L15
- Guzman-Ramirez, L., Lagadec, E., Jones, D., Zijlstra, A.A. & Gesicki, K. 2014, PAH formation in O-rich planetary nebulae, *MNRAS*, 441, 364
- Guzzo, L., Scodreggio, M., Garilli, B., Granett, B.R., Fritz, A., Abbas, U., Adami, C., Arnouts, S., Bel, J., Bolzonella, M., Bottini, D., Branchini, E., Cappi, A., Coupon, J., Cucchiati, O., Davidzon, I., De Lucia, G., de la Torre, S., Franzetti, P., Fumana, M., Hudelot, P., Ilbert, O., Iovino, A., Krywult, J., Le Brun, V., Le Fèvre, O., Maccagni, D., Malek, K., Marulli, F., McCracken, H.J., Paioro, L., Peacock, J.A., Polletta, M., Pollo, A., Schlagenhauser, H., Tasca, L.A.M., Tojeiro, R., Vergani, D., Zamorani, G., Zanichelli, A., Burden, A., Di Porto, C., Marchetti, A., Marinoni, C., Mellier, Y., Moscardini, L., Nichol, R.C., Percival, W.J., Phleps, S. & Wolk, M. 2014, The VIMOS Public Extragalactic Redshift Survey (VIPERS). An unprecedented view of galaxies and large-scale structure at $0.5 < z < 1.2$, *A&A*, 566, A108
- Gvaramadze, V.V., Menten, K.M., Kniazev, A.Y., Langer, N., Mackey, J., Kraus, A., Meyer, D.M.-A., Kamiński, T., 2014, IRC - 10414: a bow-shock-producing red supergiant star, *MNRAS*, 437, 843
- Habergham, S.M., Anderson, J.P., James, P.A. & Lyman, J.D. 2014, Environments of interacting transients: impostors and Type II supernovae, *MNRAS*, 441, 2230
- Hadjara, M., Domiciano de Souza, A., Vakili, F., Jankov, S., Millour, F., Meilland, A., Khorrami, Z., Chelli, A., Baffa, C., Hofmann, K.-H., Lagarde, S., Robbe-Dubois, S., 2014, Beyond the diffraction limit of optical/IR interferometers. II. Stellar parameters of rotating stars from differential phases, *A&A*, 569, A45
- Hainaut, O.R., Boehnhardt, H., Snodgrass, C., Meech, K.J., Deller, J., Gillon, M., Jehin, E., Kuehrt, E., Lowry, S.C., Manfroid, J., Micheli, M., Mottola, S., Opatim, C., Vincent, J.-B., Wainscoat, R., 2014, Continued activity in P/2013 P5 PANSTARRS. Unexpected comet, rotational break-up, or rubbing binary asteroid?, *A&A*, 563, A75
- Hajduk, M., van Hoof, P.A.M., Gesicki, K., Zijlstra, A.A., Górny, S.K. & Gładkowski, M. 2014, The evolving spectrum of the planetary nebula Hen 2-260, *A&A*, 567, A15
- Hales, A.S., De Gregorio-Monsalvo, I., Montesinos, B., Casassus, S., Dent, W.F.R., Dougados, C., Eiroa, C., Hughes, A.M., Garay, G., Mardones, D., Ménard, F., Palau, A., Pérez, S., Phillips, N., Torrelles, J.M. & Wilner, D. 2014, A CO Survey in Planet-forming Disks: Characterizing the Gas Content in the Epoch of Planet Formation, *AJ*, 148, 47
- Hamer, S.L., Edge, A.C., Swinbank, A.M., Oonk, J.B.R., Mittal, R., McNamara, B.R., Russell, H.R., Bremer, M.N., Combes, F., Fabian, A.C., Nesvadba, N.P.H., O'Dea, C.P., Baum, S.A., Salomé, P., Tremblay, G., Donahue, M., Ferland, G.J. & Sarazin, C.L. 2014, Cold gas dynamics in Hydra-A: evidence for a rotating disc, *MNRAS*, 437, 862
- Hansen, C.J., Andersen, A.C. & Christlieb, N. 2014, Stellar abundances and presolar grains trace the nucleosynthetic origin of molybdenum and ruthenium, *A&A*, 568, A47
- Hansen, T., Hansen, C.J., Christlieb, N., Yong, D., Bessell, M.S., García Pérez, A.E., Beers, T.C., Placco, V.M., Frebel, A., Norris, J.E. & Asplund, M. 2014, Exploring the Origin of Lithium, Carbon, Strontium, and Barium with Four New Ultra Metal-poor Stars, *ApJ*, 787, 162
- Hareter, M., Páparó, M., Weiss, W., García Hernández, A., Borkovits, T., Lampens, P., Rainer, M., De Cat, P., Marcos-Arenal, P., Vos, J., Poretti, E., Baglin, A., Michel, E., Baudin, F. & Catala, C. 2014, HD 51844: An Am δ Scuti in a binary showing periastron brightening, *A&A*, 567, A124
- Haywood, R.D., Collier Cameron, A., Queloz, D., Barros, S.C.C., Deleuil, M., Fares, R., Gillon, M., Lanza, A.F., Lovis, C., Moutou, C., Pepe, F., Pollacco, D., Santerne, A., Ségransan, D. & Unruh, Y.C. 2014, Planets and stellar activity: hide and seek in the CoRoT-7 system, *MNRAS*, 443, 2517
- Heida, M., Jonker, P.G., Torres, M.A.P., Kool, E., Servillat, M., Roberts, T.P., Groot, P.J., Walton, D.J., Moon, D.-S., Harrison, F.A., 2014, Near-infrared counterparts of ultraluminous X-ray sources, *MNRAS*, 442, 1054
- Hein Bertelsen, R.P., Kamp, I., Goto, M., van der Plas, G., Thi, W.-F., Waters, L.B.F.M., van den Ancker, M.E., Woitke, P., 2014, CO ro-vibrational lines in HD 100546. A search for disc asymmetries and the role of fluorescence, *A&A*, 561, A102
- Helmink, K.G., Brahm, R., Ratajczak, M., Espinoza, N., Jordán, A., Konacki, M. & Rabus, M. 2014, Orbital and physical parameters of eclipsing binaries from the All-Sky Automated Survey catalogue. VI. AK Fornacis: a rare, bright K-type eclipsing binary, *A&A*, 567, A64
- Hendricks, B., Koch, A., Walker, M., Johnson, C.I., Peñarrubia, J. & Gilmore, G. 2014, Insights from the outskirts: Chemical and dynamical properties in the outer parts of the Fornax dwarf spheroidal galaxy, *A&A*, 572, A82
- Hendricks, B., Koch, A., Lanfranchi, G.A., Boeche, C., Walker, M., Johnson, C.I., Peñarrubia, J. & Gilmore, G. 2014, The Metal-poor Knee in the Fornax Dwarf Spheroidal Galaxy, *ApJ*, 785, 102
- Herzog, A., Middelberg, E., Norris, R.P., Sharp, R., Spitler, L.R. & Parker, Q.A. 2014, Infrared-faint radio sources are at high redshifts. Spectroscopic redshift determination of infrared-faint radio sources using the Very Large Telescope, *A&A*, 567, A104
- Hill, C.A., Watson, C.A., Shahbaz, T., Steeghs, D. & Dhillion, V.S. 2014, Roche tomography of cataclysmic variables - VI. Differential rotation of AE Aqr - not tidally locked!, *MNRAS*, 444, 192
- Hillen, M., Menu, J., Van Winckel, H., Min, M., Gielen, C., Wevers, T., Mulders, G.D., Regibo, S. & Verhoelst, T. 2014, An interferometric study of the post-AGB binary 89 Herculis. II. Radiative transfer models of the circumbinary disk, *A&A*, 568, A12

- Hosek, M.W.J., Kudritzki, R.-P., Bresolin, F., Urbaneja, M.A., Evans, C.J., Pietrzyński, G., Gieren, W., Przybilla, N. & Carraro, G. 2014, Quantitative Spectroscopy of Blue Supergiants in Metal-poor Dwarf Galaxy NGC 3109, *ApJ*, 785, 151
- Howes, L.M., Asplund, M., Casey, A.R., Keller, S.C., Yong, D., Gilmore, G., Lind, K., Worley, C., Bessell, M.S., Casagrande, L., Marino, A.F., Nataf, D.M., Owen, C.I., Da Costa, G.S., Schmidt, B.P., Tisserand, P., Randich, S., Feltzing, S., Vallenari, A., Allende Prieto, C., Bensby, T., Flaccomio, E., Korn, A.J., Pancino, E., Recio-Blanco, A., Smiljanic, R., Bergemann, M., Costado, M.T., Damiani, F., Heiter, U., Hill, V., Hourihane, A., Jofré, P., Lardo, C., de Laverny, P., Magrini, L., Maiorca, E., Masseron, T., Morbidelli, L., Sacco, G.G., Minniti, D. & Zoccali, M. 2014, The Gaia-ESO Survey: the most metal-poor stars in the Galactic bulge, *MNRAS*, 445, 4241
- Hsieh, H.H., Denneau, L., Fitzsimmons, A., Hainaut, O.R., Ishiguro, M., Jedicke, R., Kaluna, H.M., Keane, J.V., Kleyna, J., Lacerda, P., MacLennan, E.M., Meech, K.J., Moskovitz, N.A., Riesen, T., Schunova, E., Snodgrass, C., Trujillo, C.A., Urban, L., Vereš, P., Wainscoat, R.J. & Yang, B. 2014, Search for the Return of Activity in Active Asteroid 176P/LINEAR, *AJ*, 147, 89
- Hubrig, S., Castelli, F., González, J.F., Carroll, T.A., Ilyin, I., Schöller, M., Drake, N.A., Korhonen, H. & Briquet, M. 2014, Abundance analysis, spectral variability, and search for the presence of a magnetic field in the typical PGa star HD 19400, *MNRAS*, 442, 3604
- Hubrig, S., Fossati, L., Carroll, T.A., Castro, N., González, J.F., Ilyin, I., Przybilla, N., Schöller, M., Oskina, L.M., Morel, T., Langer, N., Scholz, R.D., Kharchenko, N.V. & Nieva, M.-F., 2014, B fields in OB stars (BOB): The discovery of a magnetic field in a multiple system in the Trifid nebula, one of the youngest star forming regions, *A&A*, 564, L10
- Hubrig, S., Schöller, M. & Kholtygin, A.F. 2014, Short time-scale spectral variability in the AO supergiant HD 92207 and the importance of line profile variations for the interpretation of FORS 2 spectropolarimetric observations, *MNRAS*, 440, 1779
- Hubrig, S., Carroll, T.A., González, J.F., Schöller, M., Ilyin, I., Saffe, C., Castelli, F., Leone, F. & Giarrusso, M. 2014, The magnetic field in HD 161701, the only binary system identified to consist of an HgMn primary and an Ap secondary, *MNRAS*, 440, L6
- Huckvale, L., Kerins, E. & Sale, S.E. 2014, Reference image selection for difference imaging analysis ★, *MNRAS*, 442, 259
- Hunt, L.K., Testi, L., Casasola, V., García-Burillo, S., Combes, F., Nikutta, R., Caselli, P., Henkel, C., Maiolino, R., Menten, K.M., Sauvage, M. & Weiss, A. 2014, ALMA observations of cool dust in a low-metallicity starburst, SBS 0335-052, *A&A*, 561, A49
- Husemann, B., Jahnke, K., Sánchez, S.F., Wisotzki, L., Nugroho, D., Kupko, D. & Schramm, M. 2014, Integral field spectroscopy of nearby QSOs - I. ENLR size-luminosity relation, ongoing star formation and resolved gas-phase metallicities, *MNRAS*, 443, 755
- Hutsemékers, D., Braibant, L., Pelgrims, V. & Sluse, D. 2014, Alignment of quasar polarizations with large-scale structures, *A&A*, 572, A18
- Hynes, R.I., Torres, M.A.P., Heinke, C.O., Maccarone, T.J., Mikles, V.J., Britt, C.T., Knigge, C., Greiss, S., Jonker, P.G., Steeghs, D., Nelemans, G., Bandyopadhyay, R.M. & Johnson, C.B. 2014, CXOGS J173620.2-293338: A Candidate Symbiotic X-Ray Binary Associated with a Bulge Carbon Star, *ApJ*, 780, 11
- Ieva, S., Dotto, E., Perna, D., Barucci, M.A., Bernardi, F., Fornasier, S., De Luise, F., Peruzzi, E., Rossi, A. & Brucato, J.R. 2014, Low delta-V near-Earth asteroids: A survey of suitable targets for space missions, *A&A*, 569, A59
- Ilee, J.D., Fairlamb, J., Oudmaier, R.D., Mendigutía, I., van den Ancker, M.E., Kraus, S. & Wheelwright, H.E. 2014, Investigating the inner discs of Herbig Ae/Be stars with CO bandhead and Brγ emission, *MNRAS*, 445, 3723
- Immer, K., Galván-Madrid, R., König, C., Liu, H.B. & Menten, K.M. 2014, Diversity of chemistry and excitation conditions in the high-mass star forming complex W33, *A&A*, 572, A63
- Insera, C., Smartt, S.J., Scalzo, R., Fraser, M., Pastorello, A., Childress, M., Pignata, G., Jerkstrand, A., Kotak, R., Benetti, S., Della Valle, M., Gal-Yam, A., Mazzali, P., Smith, K., Sullivan, M., Valenti, S., Yaron, O., Young, D. & Reichart, D. 2014, SN2012ca: a stripped envelope core-collapse SN interacting with dense circumstellar medium, *MNRAS*, 437, L51
- Iodice, E., Arnaboldi, M., Rejkuba, M., Neeser, M.J., Greggio, L., Gonzalez, O.A., Irwin, M. & Emerson, J.P. 2014, The near-infrared structure of the barred galaxy NGC 253 from VISTA★, *A&A*, 567, A86
- Irwin, P.G.J., Lellouch, E., de Bergh, C., Courtin, R., Bézard, B., Fletcher, L.N., Orton, G.S., Teanby, N.A., Calcutt, S.B., Tice, D., Hurley, J. & Davis, G.R. 2014, Line-by-line analysis of Neptune's near-IR spectrum observed with Gemini/NIFS and VLT/CRIRES, *Icar*, 227, 37
- Israel, F.P., Güsten, R., Meijerink, R., Loenen, A.F., Requena-Torres, M.A., Stutzki, J., van der Werf, P., Harris, A., Kramer, C., Martin-Pintado, J. & Weiss, A. 2014, The molecular circumnuclear disk (CND) in Centaurus A. A multi-transition CO and [C I] survey with Herschel, APEX, JCMT, and SEST, *A&A*, 562, A96
- Izotov, Y.I., Thuan, T.X. & Guseva, N.G. 2014, A new determination of the primordial He abundance using the He I λ 10830 Å emission line: cosmological implications, *MNRAS*, 445, 778
- Jáchym, P., Combes, F., Cortese, L., Sun, M. & Kenney, J.D.P. 2014, Abundant Molecular Gas and Inefficient Star Formation in Intracluster Regions: Ram Pressure Stripped Tail of the Norma Galaxy ESO137-001, *ApJ*, 792, 11
- Jackson-Jones, R., Jofré, P., Hawkins, K., Hourihane, A., Gilmore, G., Kordopatis, G., Worley, C., Randich, S., Vallenari, A., Bensby, T., Bragaglia, A., Flaccomio, E., Korn, A.J., Recio-Blanco, A., Smiljanic, R., Costado, M.T., Heiter, U., Hill, V., Lardo, C., de Laverny, P., Guiglion, G., Mikolaitis, S., Zaggia, S. & Tautvaišienė, G. 2014, The Gaia-ESO Survey: α -abundances of metal-poor stars, *A&A*, 571, L5
- Jacobson, H.R., Thanathibodee, T., Frebel, A., Roederer, I.U., Cescutti, G. & Matteucci, F. 2014, The Chemical Evolution of Phosphorus, *ApJ*, 796, L24
- Jaffé, Y.L., Aragón-Salamanca, A., Ziegler, B., Kuntschner, H., Zaritsky, D., Rudnick, G., Poggianti, B.M., Hoyos, C., Halliday, C. & Demarco, R. 2014, Ionized gas discs in elliptical and S0 galaxies at $z < 1$, *MNRAS*, 440, 3491
- Jakobsen, S.J., Tomsick, J.A., Watson, D., Gotthelf, E.V. & Kaspi, V.M. 2014, Investigating CXOU J163802.6-471358: A New Pulsar Wind Nebula in the Norma Region?, *ApJ*, 787, 129
- James, B.L., Pettini, M., Christensen, L., Auger, M.W., Becker, G.D., King, L.J., Quider, A.M., Shapley, A.E. & Steidel, C.C. 2014, Testing metallicity indicators at $z \sim 1.4$ with the gravitationally lensed galaxy CASSOWARY 20, *MNRAS*, 440, 1794
- Janson, M., Bergfors, C., Brandner, W., Bonnefoy, M., Schlieder, J., Köhler, R., Hormuth, F., Henning, T. & Hippler, S. 2014, Orbital Monitoring of the AstraLux Large M-dwarf Multiplicity Sample, *ApJS*, 214, 17
- Janz, J., Laurikainen, E., Lisker, T., Salo, H., Peletier, R.F., Niemi, S.-M., Toloba, E., Hensler, G., Falcón-Barroso, J., Boselli, A., den Brok, M., Hansson, K.S.A., Meyer, H.T., Ryš, A., Paudel, S., 2014, A Near-infrared Census of the Multicomponent Stellar Structure of Early-type Dwarf Galaxies in the Virgo Cluster, *ApJ*, 786, 105
- Jeffers, S.V., Petit, P., Marsden, S.C., Morin, J., Donati, J.-F., Folsom, C.P., 2014, ϵ Eridani: an active K dwarf and a planet hosting star?. The variability of its large-scale magnetic field topology, *A&A*, 569, A79
- Jeffries, R.D., Jackson, R.J., Cottaar, M., Koposov, S.E., Lanzafame, A.C., Meyer, M.R., Prisinzano, L., Randich, S., Sacco, G.G.,

- Brugaletta, E., Caramazza, M., Damiani, F., Franciosini, E., Frasca, A., Gilmore, G., Feltzing, S., Micela, G., Alfaro, E., Bensby, T., Pancino, E., Recio-Blanco, A., de Laverny, P., Lewis, J., Magrini, L., Morbidelli, L., Costado, M.T., Jofré, P., Klutsch, A., Lind, K. & Maiorca, E. 2014, The Gaia-ESO Survey: Kinematic structure in the Gamma Velorum cluster, *A&A*, 563, A94
- Jenkins, J.S. & Tuomi, M. 2014, The Curious Case of HD 41248. A Pair of Static Signals Buried Behind Red Noise, *ApJ*, 794, 110
- Jian, H.-Y., Lin, L., Chiueh, T., Lin, K.-Y., Liu, H.B., Merson, A., Baugh, C., Huang, J.-S., Chen, C.-W., Foucaud, S., Murphy, D.N.A., Cole, S., Burgett, W., Kaiser, N., 2014, Probability Friends-of-Friends (PFOF) Group Finder: Performance Study and Observational Data Applications on Photometric Surveys, *ApJ*, 788, 109
- Jofré, P., Heiter, U., Soubiran, C., Blanco-Cuaresma, S., Worley, C.C., Pancino, E., Cantat-Gaudin, T., Magrini, L., Bergemann, M., González Hernández, J.I., Hill, V., Lardo, C., de Laverny, P., Lind, K., Masseron, T., Montes, D., Mucciarelli, A., Nordlander, T., Recio Blanco, A., Sobeck, J., Sordo, R., Sousa, S.G., Taberner, H., Vallenari, A. & Van Eck, S. 2014, Gaia FGK benchmark stars: Metallicity, *A&A*, 564, A133
- Johnson, C.I., Rich, R.M., Kobayashi, C., Kunder, A. & Koch, A. 2014, Light, Alpha, and Fe-peak Element Abundances in the Galactic Bulge, *AJ*, 148, 67
- Johnson, S.D., Chen, H.-W., Mulchaey, J.S., Tripp, T.M., Prochaska, J.X. & Werk, J.K. 2014, Discovery of a transparent sightline at $\rho \lesssim 20$ kpc from an interacting pair of galaxies, *MNRAS*, 438, 3039
- Jones, D., Boffin, H.M.J., Miszalski, B., Wesson, R., Corradi, R.L.M. & Tyndall, A.A. 2014, The post-common-envelope, binary central star of the planetary nebula Hen 2-11, *A&A*, 562, A89
- Jones, M.I. & Jenkins, J.S. 2014, No evidence of the planet orbiting the extremely metal-poor extragalactic star HIP 13044, *A&A*, 562, A129
- Jones, M.I., Jenkins, J.S., Bluhm, P., Rojo, P. & Melo, C.H.F. 2014, The properties of planets around giant stars, *A&A*, 566, A113
- Jönsson, H., Ryde, N., Harper, G.M., Cunha, K., Schultheis, M., Eriksson, K., Kobayashi, C., Smith, V.V. & Zoccali, M. 2014, Chemical evolution of fluorine in the bulge. High-resolution K-band spectra of giants in three fields, *A&A*, 564, A122
- Jönsson, H., Ryde, N., Harper, G.M., Richter, M.J. & Hinkle, K.H. 2014, Fluorine in the Solar Neighborhood: Is It All Produced in Asymptotic Giant Branch Stars?, *ApJ*, 789, L41
- Jordán, A., Brahm, R., Bakos, G.Á., Bayliss, D., Penev, K., Hartman, J.D., Zhou, G., Mancini, L., Mohler-Fischer, M., Ciceri, S., Sato, B., Csabry, Z., Rabus, M., Suc, V., Espinoza, N., Bhatti, W., Borro, M.d.V., Buchhave, L., Csák, B., Henning, T., Schmidt, B., Tan, T.G., Noyes, R.W., Béky, B., Butler, R.P., Shectman, S., Crane, J., Thompson, I., Williams, A., Martin, R., Contreras, C., Lázár, J., Papp, I. & Sári, P. 2014, HATS-4b: A Dense Hot Jupiter Transiting a Super Metal-rich G star, *AJ*, 148, 29
- Jorgenson, R.A., Murphy, M.T., Thompson, R. & Carswell, R.F. 2014, The Magellan uniform survey of damped Lyman α systems - II. Paucity of strong molecular hydrogen absorption, *MNRAS*, 443, 2783
- Jouvel, S., Host, O., Lahav, O., Seitz, S., Molino, A., Coe, D., Postman, M., Moustakas, L., Benitez, N., Rosati, P., Balestra, I., Grillo, C., Bradley, L., Fritz, A., Kelson, D., Koekemoer, A.M., Lemze, D., Medezinski, E., Mercurio, A., Moustakas, J., Nonino, M., Scodreggio, M., Zheng, W., Zitrin, A., Bartelmann, M., Bouwens, R., Broadhurst, T., Donahue, M., Ford, H., Graves, G., Infante, L., Jimenez-Teja, Y., Lazkoz, R., Melchior, P., Meneghetti, M., Merten, J., Ogaz, S. & Umetsu, K. 2014, CLASH: Photometric redshifts with 16 HST bands in galaxy cluster fields, *A&A*, 562, A86
- Kacharov, N., Bianchini, P., Koch, A., Frank, M.J., Martin, N.F., van de Ven, G., Puzia, T.H., McDonald, I., Johnson, C.I. & Zijlstra, A.A. 2014, A study of rotating globular clusters. The case of the old, metal-poor globular cluster NGC 4372, *A&A*, 567, A69
- Kalari, V.M., Vink, J.S., Dufton, P.L., Evans, C.J., Dunstall, P.R., Sana, H., Clark, J.S., Ellerbroek, L., de Koter, A., Lennon, D.J. & Taylor, W.D. 2014, The VLT-FLAMES Tarantula Survey. XV. VFTS 822: A candidate Herbig B[e] star at low metallicity, *A&A*, 564, L7
- Kanekar, N., Prochaska, J.X., Smette, A., Ellison, S.L., Ryan-Weber, E.V., Momjian, E., Briggs, F.H., Lane, W.M., Chengalur, J.N., Delafosse, T., Grave, J., Jacobsen, D. & de Bruyn, A.G. 2014, The spin temperature of high-redshift damped Lyman α systems, *MNRAS*, 438, 2131
- Kankare, E., Fraser, M., Ryder, S., Romero-Cañizales, C., Mattila, S., Kotak, R., Laursen, P., Monard, L.A.G., Salvo, M. & Väisänen, P. 2014, SN 2005at - A neglected type Ic supernova at 10 Mpc, *A&A*, 572, A75
- Kaplan, D.L., Marsh, T.R., Walker, A.N., Bildsten, L., Bours, M.C.P., Breedt, E., Copperwheat, C.M., Dhillon, V.S., Howell, S.B., Littlefair, S.P., Shporer, A. & Steinfadt, J.D.R. 2014, Properties of an Eclipsing Double White Dwarf Binary NLTT 11748, *ApJ*, 780, 167
- Karman, W., Caputi, K.I., Trager, S.C., Almaini, O. & Cirasuolo, M. 2014, Rest-frame ultraviolet spectra of massive galaxies at $z \sim 3$: evidence of high-velocity outflows, *A&A*, 565, A5
- Karouzos, M., Jarvis, M.J. & Bonfield, D. 2014, Mergers as triggers for nuclear activity: a near-IR study of the close environment of AGN in the VISTA-VIDEO survey, *MNRAS*, 439, 861
- Kastner, J.H., Hily-Blant, P., Rodriguez, D.R., Punzi, K. & Forveille, T. 2014, Unbiased Millimeter-wave Line Surveys of TW Hya and V4046 Sgr: The Enhanced C2H and CN Abundances of Evolved Protoplanetary Disks, *ApJ*, 793, 55
- Kawka, A. & Vennes, S. 2014, The polluted atmospheres of cool white dwarfs and the magnetic field connection, *MNRAS*, 439, L90
- Kervella, P., Montargès, M., Ridgway, S.T., Perrin, G., Chesneau, O., Lacour, S., Chiavassa, A., Haubois, X. & Gallenne, A. 2014, An edge-on translucent dust disk around the nearest AGB star, L2 Puppis. VLT/NACO spectro-imaging from 1.04 to 4.05 μm and VLTI interferometry, *A&A*, 564, A88
- Kholtygin, A.F. 2014, Modified methods of stellar magnetic field measurements, *AN*, 335, 1049
- Khoury, T., de Koter, A., Decin, L., Waters, L.B.F.M., Lombaert, R., Royer, P., Swinyard, B., Barlow, M.J., Alcolea, J., Blommaert, J.A.D.L., Bujarrabal, V., Cernicharo, J., Groenewegen, M.A.T., Justtanont, K., Kerschbaum, F., Maercker, M., Marston, A., Matsuura, M., Melnick, G., Menten, K.M., Olofsson, H., Planesas, P., Polehampton, E., Posch, T., Schmidt, M., Szczerba, R., Vandenbussche, B. & Yates, J. 2014, The wind of W Hydrae as seen by Herschel. I. The CO envelope, *A&A*, 561, A5
- Kiefer, F., Lecavelier des Etangs, A., Augereau, J.-C., Vidal-Madjar, A., Lagrange, A.-M., Beust, H., 2014, Exocomets in the circumstellar gas disk of HD 172555, *A&A*, 561, L10
- Kiefer, F., Lecavelier des Etangs, A., Boissier, J., Vidal-Madjar, A., Beust, H., Lagrange, A.-M., Hébrard, G., Ferlet, R., 2014, Two families of exocomets in the β Pictoris system, *Nature*, 514, 462
- Kim, D.-W., Protopapas, P., Bailer-Jones, C.A.L., Byun, Y.-I., Chang, S.-W., Marquette, J.-B., Shin, M.-S., 2014, The EPOCH Project. I. Periodic variable stars in the EROS-2 LMC database, *A&A*, 566, A43
- Koch, A., Hansen, T., Feltzing, S. & Wilkinson, M.I. 2014, A Spectroscopic Binary in the Hercules Dwarf Spheroidal Galaxy, *ApJ*, 780, 91
- Koenigsberger, G., Morrell, N., Hillier, D.J., Gamen, R., Schneider, F.R.N., González-Jiménez, N., Langer, N. & Barbá, R. 2014, The

- HD 5980 Multiple System: Masses and Evolutionary Status, *AJ*, 148, 62
- Koleva, M., De Rijcke, S., Zeilinger, W.W., Verbeke, R., Schroyen, J. & Vermeylen, L. 2014, On the origin of bursts in blue compact dwarf galaxies: clues from kinematics and stellar populations, *MNRAS*, 441, 452
- Koposov, S.E., Irwin, M., Belokurov, V., Gonzalez-Solares, E., Yoldas, A.K., Lewis, J., Metcalfe, N. & Shanks, T. 2014, Discovery of a cold stellar stream in the ATLAS DR1 data, *MNRAS*, 442, L85
- Koprowski, M.P., Dunlop, J.S., Michałowski, M.J., Cirasuolo, M. & Bowler, R.A.A. 2014, A reassessment of the redshift distribution and physical properties of luminous (sub-)millimetre galaxies, *MNRAS*, 444, 117
- Koptelova, E., Chiueh, T., Chen, W.P. & Chan, H.H. 2014, New near-infrared observations and lens-model constraints for UM673, *A&A*, 566, A36
- Kopytova, T.G., Crossfield, I.J.M., Deacon, N.R., Brandner, W., Buenzli, E., Bayo, A., Schlieder, J.E., Manjavacas, E., Biller, B.A. & Kopon, D. 2014, Deep z-band Observations of the Coolest Y Dwarf, *ApJ*, 797, 3
- Kóspál, Á., Mohler-Fischer, M., Sicilia-Aguilar, A., Abraham, P., Curé, M., Henning, T., Kiss, C., Launhardt, R., Moór, A. & Müller, A. 2014, Radial velocity variations in the young eruptive star EX Lupi, *A&A*, 561, A61
- Kovač, K., Lilly, S.J., Knobel, C., Bschorr, T.J., Peng, Y., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fèvre, O., Mainieri, V., Renzini, A., Scodreggio, M., Zamorani, G., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Oesch, P., Pello, R., Montero, E.P., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Aussel, H., Koekemoer, A.M., Le Floc'h, E., Moresco, M., Pozzetti, L., 2014, zCOSMOS 20k: satellite galaxies are the main drivers of environmental effects in the galaxy population at least to $z \sim 0.7$, *MNRAS*, 438, 717
- Kovacevic, M., Izzo, L., Wang, Y., Muccino, M., Della Valle, M., Amati, L., Barbarino, C., Enderli, M., Pisani, G.B. & Li, L. 2014, A search for Fermi bursts associated with supernovae and their frequency of occurrence, *A&A*, 569, A108
- Kraus, A.L., Ireland, M.J., Cieza, L.A., Hinkley, S., Dupuy, T.J., Bowler, B.P. & Liu, M.C. 2014, Three Wide Planetary-mass Companions to FW Tau, ROXs 12, and ROXs 42B, *ApJ*, 781, 20
- Kudritzki, R.-P., Urbaneja, M.A., Bresolin, F. & Hosek, M.W.J. Przybilla, N. 2014, Stellar Metallicity of the Extended Disk and Distance of the Spiral Galaxy NGC 3621, *ApJ*, 788, 56
- Kügler, S.D., Nilsson, K., Heidt, J., Esser, J. & Schultz, T. 2014, Properties of optically selected BL Lacertae candidates from the SDSS, *A&A*, 569, A95
- Kumar, B., Sharma, S., Manfroid, J., Gosset, E., Rauw, G., Nazé, Y. & Kesh Yadav, R. 2014, Investigation of the stellar content in the western part of the Carina nebula, *A&A*, 567, A109
- Lacerda, P., McNeill, A. & Peixinho, N. 2014, The unusual Kuiper belt object 2003 SQ317, *MNRAS*, 437, 3824
- Lackner, C.N., Silverman, J.D., Salvato, M., Kampczyk, P., Kartaltepe, J.S., Sanders, D., Capak, P., Civano, F., Halliday, C., Ilbert, O., Jahnke, K., Koekemoer, A.M., Lee, N., Le Fèvre, O., Liu, C.T., Scoville, N., Sheth, K. & Toft, S. 2014, Late-Stage Galaxy Mergers in Cosmos to $z \sim 1$, *AJ*, 148, 137
- Landoni, M., Falomo, R., Treves, A. & Sbarufatti, B. 2014, Spectroscopy of BL Lacertae objects of extraordinary luminosity, *A&A*, 570, A126
- Landstreet, J.D., Bagnulo, S. & Fossati, L. 2014, On the consistency of magnetic field measurements of Ap stars: lessons learned from the FORS1 archive, *A&A*, 572, A113
- Lanotte, A.A., Gillon, M., Demory, B.-O., Fortney, J.J., Astudillo, N., Bonfils, X., Magain, P., Delfosse, X., Forveille, T., Lovis, C., Mayor, M., Neves, V., Pepe, F., Queloz, D., Santos, N., Udry, S. 2014, A global analysis of Spitzer and new HARPS data confirms the loneliness and metal-richness of GJ 436 b, *A&A*, 572, A73
- Lapenna, E., Mucciarelli, A., Lanzoni, B., Ferraro, F.R., Dalessandro, E., Origlia, L. & Massari, D. 2014, Non-local Thermodynamical Equilibrium Effects on the Iron Abundance of Asymptotic Giant Branch Stars in 47 Tucanae, *ApJ*, 797, 124
- Larsen, S.S., Brodie, J.P., Forbes, D.A. & Strader, J. 2014, Chemical composition and constraints on mass loss for globular clusters in dwarf galaxies: WLM and IKN, *A&A*, 565, A98
- Latour, M., Randall, S.K., Fontaine, G., Bono, G., Calamida, A. & Brassard, P. 2014, A Helium-Carbon Correlation on the Extreme Horizontal Branch in ω Centauri, *ApJ*, 795, 106
- Lawler, J.E., Wood, M.P., Den Hartog, E.A., Feigenson, T., Sneden, C. & Cowan, J.J. 2014, Improved V I Log(gf) Values and Abundance Determinations in the Photospheres of the Sun and Metal-poor Star HD 84937, *ApJS*, 215, 20
- Lazorenko, P.F., Sahlmann, J., Ségransan, D., Martín, E.L., Mayor, M., Queloz, D. & Udry, S. 2014, Astrometric planet search around southern ultracool dwarfs. II. Astrometric reduction methods and a deep astrometric catalogue, *A&A*, 565, A21
- Le Bouquin, J.-B., Monin, J.-L., Berger, J.-P., Prato, L., Benisty, M., Schaefer, G. 2014, Refined masses and distance of the young binary Haro 1-14 C, *A&A*, 561, 101
- Lee, J.W., Hinse, T.C., Youn, J.-H., Han, W. 2014, The pulsating sdB+M eclipsing system NY Virginis and its circumbinary planets, *MNRAS*, 445, 2331
- Lee, S.-K., Ferguson, H.C., Somerville, R.S., Giavalisco, M. & Wiklund, T. Dahlen, T. 2014, Steadily Increasing Star Formation Rates in Galaxies Observed at $3 < z < 5$ in the CANDELS/GOODS-S Field, *ApJ*, 783, 81
- Leitzinger, M., Odert, P., Greimel, R., Korhonen, H., Guenther, E.W., Hanslmeier, A., Lammer, H. & Khodachenko, M.L. 2014, A search for flares and mass ejections on young late-type stars in the open cluster Blanco-1, *MNRAS*, 443, 898
- Lemasle, B., de Boer, T.J.L., Hill, V., Tolstoy, E., Irwin, M.J., Jablonka, P., Venn, K., Battaglia, G., Starkenburg, E., Shetrone, M., Letarte, B., François, P., Helmi, A., Primas, F., Kaufer, A. & Szeifert, T. 2014, VLT/FLAMES spectroscopy of red giant branch stars in the Fornax dwarf spheroidal galaxy, *A&A*, 572, A88
- Lemaux, B.C., Le Floc'h, E., Le Fèvre, O., Ilbert, O., Tresse, L., Lubin, L.M., Zamorani, G., Gal, R.R., Ciliegi, P., Cassata, P., Kocevski, D.D., McGrath, E.J., Bardelli, S., Zucca, E. & Squires, G.K. 2014, Hidden starbursts and active galactic nuclei at $0 < z < 4$ from the Herschel-VVDS-CFHTLS-D1 field: Inferences on coevolution and feedback, *A&A*, 572, A90
- Lemaux, B.C., Cucciati, O., Tasca, L.A.M., Le Fèvre, O., Zamorani, G., Cassata, P., Garilli, B., Le Brun, V., Maccagni, D., Pentericci, L., Thomas, R., Vanzella, E., Zucca, E., Amorín, R., Bardelli, S., Capak, P., Cassarà, L.P., Castellano, M., Cimatti, A., Cuby, J.G., de la Torre, S., Durkalec, A., Fontana, A., Giavalisco, M., Grazian, A., Hathi, N.P., Ilbert, O., Moreau, C., Paltani, S., Ribeiro, B., Salvato, M., Schaerer, D., Scodreggio, M., Sommariva, V., Talia, M., Taniguchi, Y., Tresse, L., Vergani, D., Wang, P.W., Charlot, S., Contini, T., Fotopoulou, S., Gal, R.R., Kocevski, D.D., López-Sanjuan, C., Lubin, L.M., Mellier, Y., Sadibekova, T. & Scoville, N. 2014, VIMOS Ultra-Deep Survey (VUDS): Witnessing the assembly of a massive cluster at $z \sim 3.3$, *A&A*, 572, A41
- Lendl, M., Triaud, A.H.M.J., Anderson, D.R., Collier Cameron, A., Delrez, L., Doyle, A.P., Gillon, M., Hellier, C., Jehin, E., Maxted, P.F.L., Neveu-VanMalle, M., Pepe, F., Pollacco, D., Queloz, D., Ségransan, D., Smalley, B., Smith, A.M.S., Udry, S., Van

- Grootel, V. & West, R.G. 2014, WASP-117b: a 10-day-period Saturn in an eccentric and misaligned orbit, *A&A*, 568, A81
- Leone, F., Corradi, R.L.M., Martínez González, M.J., Asensio Ramos, A. & Manso Sainz, R. 2014, A search for magnetic fields on central stars in planetary nebulae, *A&A*, 563, A43
- Leurini, S., Codella, C., López-Sepulcre, A., Gusdorf, A., Csengeri, T. & Anderl, S. 2014, SiO excitation from dense shocks in the earliest stages of massive star formation, *A&A*, 570, A49
- Levan, A.J., Tanvir, N.R., Starling, R.L.C., Wiersema, K., Page, K.L., Perley, D.A., Schulze, S., Wynn, G.A., Chornock, R., Hjorth, J., Cenko, S.B., Fruchter, A.S., O'Brien, P.T., Brown, G.C., Tunnicliffe, R.L., Malesani, D., Jakobsson, P., Watson, D., Berger, E., Bersier, D., Cobb, B.E., Covino, S., Cucchiara, A., de Ugarte Postigo, A., Fox, D.B., Gal-Yam, A., Goldoni, P., Gorosabel, J., Kaper, L., Krühler, T., Karjalainen, R., Osborne, J.P., Pian, E., Sánchez-Ramírez, R., Schmidt, B., Skillen, I., Tagliiferri, G., Thöne, C., Vaduvescu, O., Wijers, R.A.M.J. & Zauderer, B.A. 2014, A New Population of Ultra-long Duration Gamma-Ray Bursts, *ApJ*, 781, 13
- Levenhagen, R.S. 2014, A Fourier Transform Method for $V_{\text{sin } i}$ Estimations under Nonlinear Limb-darkening Laws, *ApJ*, 797, 29
- Li, C., de Grijs, R., Deng, L., Rubele, S., Wang, C., Bekki, K., Cioni, M.-R.L., Clementini, G., Emerson, J., For, B.-Q., Girardi, L., Groenewegen, M.A.T., Guandalini, R., Gullieuszik, M., Marconi, M., Piatti, A.E., Ripepi, V., van Loon, J.T., 2014, The VMC Survey. XI. Radial Stellar Population Gradients in the Galactic Globular Cluster 47 Tucanae, *ApJ*, 790, 35
- Libralato, M., Bellini, A., Bedin, L.R., Piotto, G., Platals, I., Kissler-Patig, M. & Milone, A.P. 2014, Ground-based astrometry with wide field imagers. V. Application to near-infrared detectors: HAWK-I@VLT/ESO, *A&A*, 563, A80
- Lima, E.F., Bica, E., Bonatto, C. & Saito, R.K. 2014, Probing embedded star clusters in the HII complex NGC 6357 with VVV, *A&A*, 568, A16
- Lin, L., Jian, H.-Y., Foucaud, S., Norberg, P., Bower, R.G., Cole, S., Arnalte-Mur, P., Chen, C.-W., Coupon, J., Hsieh, B.-C., Heinis, S., Phleps, S., Chen, W.-P., Lee, C.-H., Burgett, W., Chambers, K.C., Denneau, L., Draper, P., Flewelling, H., Hodapp, K.W., Huber, M.E., Kaiser, N., Kudritzki, R.-P., Magnier, E.A., Metcalfe, N., Price, P.A., Tonry, J.L., Wainscoat, R.J., Waters, C., 2014, The Pan-STARRS1 Medium-Deep Survey: The Role of Galaxy Group Environment in the Star Formation Rate versus Stellar Mass Relation and Quiescent Fraction out to $z \sim 0.8$, *ApJ*, 782, 33
- Lindberg, J.E., Jørgensen, J.K., Brinch, C., Haugbølle, T., Bergin, E.A., Harsono, D., Persson, M.V., Visser, R. & Yamamoto, S. 2014, ALMA observations of the kinematics and chemistry of disc formation, *A&A*, 566, A74
- Lindsay, S.N., Jarvis, M.J. & McAlpine, K. 2014, Evolution in the bias of faint radio sources to $z \sim 2.2$, *MNRAS*, 440, 2322
- Littlefair, S.P., Casewell, S.L., Parsons, S.G., Dhillon, V.S., Marsh, T.R., Gänsicke, B.T., Bloemen, S., Catalan, S., Irawati, P., Hardy, L.K., McAllister, M., Bours, M.C.P., Richichi, A., Burleigh, M.R., Birmingham, B., Breedt, E. & Kerry, P. 2014, The substellar companion in the eclipsing white dwarf binary SDSS J141126.20+200911.1, *MNRAS*, 445, 2106
- Liu, C.-F., Shang, H. & Walter, F.M.Herczeg, G.J. 2014, Velocity-resolved [Ne III] from X-Ray Irradiated Sz 102 Microjets, *ApJ*, 786, 99
- Lodieu, N., Pérez-Garrido, A., Béjar, V.J.S., Gauza, B., Ruiz, M.T., Rebolo, R., Pinfield, D.J. & Martín, E.L. 2014, Binary frequency of planet-host stars at wide separations. A new brown dwarf companion to a planet-host star, *A&A*, 569, A120
- Lonoce, I., Longhetti, M., Saracco, P., Gargiulo, A. & Tamburri, S. 2014, Spectral detection of multiple stellar populations in $z \sim 1$ early-type galaxies, *MNRAS*, 444, 2048
- López-Gonzaga, N., Jaffe, W., Burtscher, L., Tristram, K.R.W. & Meisenheimer, K. 2014, Revealing the large nuclear dust structures in NGC 1068 with MIDI/VLTI, *A&A*, 565, A71
- López-Morales, M., Triaud, A.H.M.J., Rodler, F., Dumusque, X., Buchhave, L.A., Harutyunyan, A., Hoyer, S., Alonso, R., Gillon, M., Kaib, N.A., Latham, D.W., Lovis, C., Pepe, F., Queloz, D., Raymond, S.N., Ségransan, D., Waldmann, I.P. & Udry, S. 2014, Rossiter-McLaughlin Observations of 55 Cnc e, *ApJ*, 792, L31
- Lorenzo, J., Negueruela, I., Castro, N., Norton, A.J., Vilardell, F. & Herrero, A. 2014, Astrophysical parameters of the peculiar X-ray transient IGR J11215-5952, *A&A*, 562, A18
- Lowe, V., Cunningham, M.R., Urquhart, J.S., Marshall, J.P., Horiuchi, S., Lo, N., Walsh, A.J., Jordan, C.H., Jones, P.A. & Hill, T. 2014, Molecular line mapping of the giant molecular cloud associated with RCW 106 - IV. Ammonia towards dust emission, *MNRAS*, 441, 256
- Lowry, S.C., Weissman, P.R., Duddy, S.R., Rozitis, B., Fitzsimmons, A., Green, S.F., Hicks, M.D., Snodgrass, C., Wolters, S.D., Chesley, S.R., Pittichová, J. & van Oers, P. 2014, The internal structure of asteroid (25143) Itokawa as revealed by detection of YORP spin-up, *A&A*, 562, A48
- Luck, R.E. 2014, Parameters and Abundances in Luminous Stars, *AJ*, 147, 137
- Luhman, K.L. 2014, Discovery of a ~ 250 K Brown Dwarf at 2 pc from the Sun, *ApJ*, 786, L18
- Luhman, K.L., Morley, C.V., Burgasser, A.J., Esplin, T.L. & Bochanski, J.J. 2014, Near-infrared Detection of WD 0806-661 B with the Hubble Space Telescope, *ApJ*, 794, 16
- Lundgren, B.F., van Dokkum, P., Franx, M., Labbe, I., Trenti, M., Bouwens, R., Gonzalez, V., Illingworth, G., Magee, D., Oesch, P. & Stiavelli, M. 2014, Tracing the Mass Growth and Star Formation Rate Evolution of Massive Galaxies from $z \sim 6$ to $z \sim 1$ in the Hubble Ultra-Deep Field, *ApJ*, 780, 34
- Lyman, J.D., Levan, A.J., Church, R.P., Davies, M.B. & Tanvir, N.R. 2014, The progenitors of calcium-rich transients are not formed in situ*, *MNRAS*, 444, 2157
- MacDonald, R.K.D., Baily, C.D., Buxton, M., Cantrell, A.G., Chatterjee, R., Kennedy-Shaffer, R., Orosz, J.A., Markwardt, C.B. & Swank, J.H. 2014, The Black Hole Binary V4641 Sagittarii: Activity in Quiescence and Improved Mass Determinations, *ApJ*, 784, 2
- Madigan, A.-M., Pfuhl, O., Levin, Y., Gillessen, S. & Genzel, R. Perets, H.B. 2014, On the Origin of the B-stars in the Galactic Center, *ApJ*, 784, 23
- Maeder, A., Przybilla, N., Nieva, M.-F., Georgy, C., Meynet, G., Ekström, S., Eggenberger, P. 2014, Evolution of surface CNO abundances in massive stars, *A&A*, 565, A39
- Maercker, M., Ramstedt, S., Leal-Ferreira, M.L., Olofsson, G. & Floren, H.G. 2014, The detached dust shells around the carbon AGB stars R Sculptoris and V644 Scorpii, *A&A*, 570, A101
- Magdis, G.E., Rigopoulou, D., Hopwood, R., Huang, J.-S., Farrah, D., Pearson, C., Alonso-Herrero, A., Bock, J.J., Clements, D., Cooray, A., Griffin, M.J., Oliver, S., Perez Fournon, I., Riechers, D., Swinyard, B.M., Scott, D., Thatte, N., Valtchanov, I., Vaccari, M., 2014, A Far-infrared Spectroscopic Survey of Intermediate Redshift (Ultra) Luminous Infrared Galaxies, *ApJ*, 796, 63
- Magrini, L., Randich, S., Romano, D., Friel, E., Bragaglia, A., Smiljanic, R., Jacobson, H., Vallenari, A., Tosi, M., Spina, L., Donati, P., Maiorca, E., Cantat-Gaudin, T., Sordo, R., Bergemann, M., Damiani, F., Tautvaišienė, G., Blanco-Cuaresma, S., Jiménez-Esteban, F., Geisler, D., Mowlavi, N., Munoz, C., San Roman, I., Soubiran, C., Villanova, S., Zaggia, S., Gilmore, G., Asplund, M., Feltzing, S., Jeffries, R., Bensby, T., Koposov, S., Korn, A.J., Flaccomio, E., Pancino, E., Recio-Blanco, A., Sacco, G., Costado, M.T., Franciosini, E., Jofre, P., de Laverny, P., Hill, V., Heiter, U., Hourihane, A., Jackson, R., Lardo, C., Morbidelli, L., Lewis, J., Lind, K., Masseron, T.,

- Prisinzano, L. & Worley, C. 2014, The Gaia-ESO Survey: Abundance ratios in the inner-disk open clusters Trumpler 20, NGC 4815, NGC 6705, A&A, 563, A44
- Maguire, K., Sullivan, M., Pan, Y.-C., Gal-Yam, A., Hook, I.M., Howell, D.A., Nugent, P.E., Mazzali, P., Chotard, N., Clubb, K.I., Filippenko, A.V., Kasliwal, M.M., Kandrashoff, M.T., Poznanski, D., Saunders, C.M., Silverman, J.M., Walker, E., Xu, D. 2014, Exploring the spectral diversity of low-redshift Type Ia supernovae using the Palomar Transient Factory, MNRAS, 444, 3258
- Maier, C., Lilly, S.J., Ziegler, B.L., Contini, T., Pérez Montero, E., Peng, Y. & Balestra, I. 2014, The Mass-Metallicity and Fundamental Metallicity Relations at $z > 2$ Using Very Large Telescope and Subaru Near-infrared Spectroscopy of zCOSMOS Galaxies, ApJ, 792, 3
- Maiorca, E., Uitenbroek, H., Uttenhaler, S., Randich, S., Busso, M. & Magrini, L. 2014, A New Solar Fluorine Abundance and a Fluorine Determination in the Two Open Clusters M67 and NGC 6404, ApJ, 788, 149
- Maire, A.-L., Boccaletti, A., Rameau, J., Chauvin, G., Lagrange, A.-M., Bonnefoy, M., Desidera, S., Sylvestre, M., Baudoz, P., Gaicher, R., Mouillet, D., 2014, Search for cool giant exoplanets around young and nearby stars. VLT/NaCo near-infrared phase-coronagraphic and differential imaging, A&A, 566, A126
- Maíz Apellániz, J., Evans, C.J., Barbá, R.H., Gräfener, G., Bestenlehner, J.M., Crowther, P.A., García, M., Herrero, A., Sana, H., Simón-Díaz, S., Taylor, W.D., van Loon, J.T., Vink, J.S. & Walborn, N.R. 2014, The VLT-FLAMES Tarantula Survey. XVI. The optical and NIR extinction laws in 30 Doradus and the photometric determination of the effective temperatures of OB stars, A&A, 564, A63
- Mäkelä, M.M., Haikala, L.K. & Gahm, G.F. 2014, Rosette globulettes and shells in the infrared, A&A, 567, A108
- Malavolta, L., Sneden, C., Piotto, G., Milone, A.P., Bedin, L.R. & Nascimbeni, V. 2014, Atmospheric Parameters and Metallicities for 2191 Stars in the Globular Cluster M4, AJ, 147, 25
- Malinen, J., Juvela, M., Zahorec, S., Rivera-Ingraham, A., Montillaud, J., Arimatsu, K., Bernard, J.-P., Doi, Y., Haikala, L.K., Kawabe, R., Marton, G., McGehee, P., Pelkonen, V.-M., Ristorcelli, I., Shimajiri, Y., Takita, S., Tóth, L.V., Tsukagoshi, T., Ysard, N., 2014, Multiwavelength study of the high-latitude cloud L1642: chain of star formation, A&A, 563, A125
- Malo, L., Artigau, É., Doyon, R., Lafrenière, D., Albert, L. & Gagné, J. 2014, BANYAN. III. Radial Velocity, Rotation, and X-Ray Emission of Low-mass Star Candidates in Nearby Young Kinematic Groups, ApJ, 788, 81
- Manara, C.F., Testi, L., Natta, A., Rosotti, G., Benisty, M., Ercolano, B. & Ricci, L. 2014, Gas content of transitional disks: a VLT/X-Shooter study of accretion and winds, A&A, 568, A18
- Manjavacas, E., Bonnefoy, M., Schlieder, J.E., Allard, F., Rojo, P., Goldman, B., Chauvin, G., Homeier, D., Lodieu, N. & Henning, T. 2014, New constraints on the formation and settling of dust in the atmospheres of young M and L dwarfs, A&A, 564, A55
- Marchesini, D., Muzzin, A., Stefanon, M., Franx, M., Brammer, G.G., Marsan, C.Z., Vulcani, B., Fynbo, J.P.U., Milvang-Jensen, B., Dunlop, J.S. & Buitrago, F. 2014, The Progenitors of Local Ultra-massive Galaxies Across Cosmic Time: From Dusty Starbursting to Quiescent Stellar Populations, ApJ, 794, 65
- Marco, A., Negueruela, I., González-Fernández, C., Maíz Apellániz, J., Dorda, R. & Clark, J.S. 2014, VdBH 222: a starburst cluster in the inner Milky Way*, A&A, 567, A73
- Marconi, M., Musella, I., Di Criscienzo, M., Cignoni, M., Dall'Ora, M., Bono, G., Ripepi, V., Brocato, E., Raimondo, G., Grado, A., Limatola, L., Coppola, G., Moretti, M.I., Stetson, P.B., Calamida, A., Cantiello, M., Capaccioli, M., Cappellaro, E., Cioni, M.-R.L., Degl'Innocenti, S., De Martino, D., Di Cecco, A., Ferraro, I., Iannicola, G., Prada Moroni, P.G., Silvotti, R., Buonanno, R., Getman, F., Napolitano, N.R., Pulone, L., Schipani, P., 2014, STREGA: STRucture and Evolution of the GALaxy - I. Survey overview and first results, MNRAS, 444, 3809
- Margutti, R., Milisavljevic, D., Soderberg, A.M., Chornock, R., Zauderer, B.A., Murase, K., Guidorzi, C., Sanders, N.E., Kuin, P., Fransson, C., Levesque, E.M., Chandra, P., Berger, E., Bianco, F.B., Brown, P.J., Challis, P., Chatzopoulos, E., Cheung, C.C., Choi, C., Chomiuk, L., Chugai, N., Contreras, C., Drout, M.R., Fesen, R., Foley, R.J., Fong, W., Friedman, A.S., Gall, C., Gehrels, N., Hjorth, J., Hsiao, E., Kirshner, R., Im, M., Leloudas, G., Lunnan, R., Marion, G.H., Martin, J., Morrell, N., Neugent, K.F., Omodei, N., Phillips, M.M., Rest, A., Silverman, J.M., Strader, J., Stritzinger, M.D., Szalai, T., Utterback, N.B., Vinko, J., Wheeler, J.C., Arnett, D., Campana, S., Chevalier, R., Ginsburg, A., Kamble, A., Roming, P.W.A., Pritchard, T. & Stringfellow, G. 2014, A Panchromatic View of the Restless SN 2009ip Reveals the Explosive Ejection of a Massive Star Envelope, ApJ, 780, 21
- Marino, A.F., Milone, A.P., Przybilla, N., Bergemann, M., Lind, K., Asplund, M., Cassisi, S., Catelan, M., Casagrande, L., Valcarce, A.A.R., Bedin, L.R., Cortés, C., D'Antona, F., Jerjen, H., Piotto, G., Schlesinger, K., Zoccali, M. & Angeloni, R. 2014, Helium enhanced stars and multiple populations along the horizontal branch of NGC 2808: direct spectroscopic measurements, MNRAS, 437, 1609
- Marino, A.F., Milone, A.P., Yong, D., Dotter, A., Da Costa, G., Asplund, M., Jerjen, H., Mackey, D., Norris, J., Cassisi, S., Sbordone, L., Stetson, P.B., Weiss, A., Aparicio, A., Bedin, L.R., Lind, K., Monelli, M., Piotto, G., Angeloni, R. & Buonanno, R. 2014, The halo+cluster system of the Galactic globular cluster NGC 1851, MNRAS, 442, 3044
- Marion, L., Absil, O., Ertel, S., Le Bouquin, J.-B., Augereau, J.-C., Blind, N., Defrère, D., Lebreton, J., Milli, J., 2014, Searching for faint companions with VLT/I/PIONIER. II. 92 main sequence stars from the Exozodi survey, A&A, 570, A127
- Markova, N., Puls, J., Simón-Díaz, S., Herrero, A., Markov, H. & Langer, N. 2014, Spectroscopic and physical parameters of Galactic O-type stars. II. Observational constraints on projected rotational and extra broadening velocities as a function of fundamental parameters and stellar evolution, A&A, 562, A37
- Marocco, F., Day-Jones, A.C., Lucas, P.W., Jones, H.R.A., Smart, R.L., Zhang, Z.H., Gomes, J.I., Burningham, B., Pinfield, D.J., Raddi, R. & Smith, L. 2014, The extremely red L dwarf ULAS J222711-004547 - dominated by dust, MNRAS, 439, 372
- Marsh, T.R., Parsons, S.G., Bours, M.C.P., Littlefair, S.P., Copperwheat, C.M., Dhillon, V.S., Breedt, E., Caceres, C. & Schreiber, M.R. 2014, The planets around NN Serpentis: still there, MNRAS, 437, 475
- Marsset, M., Vernazza, P., Gourgout, F., Dumas, C., Birlan, M., Lamy, P. & Binzel, R.P. 2014, Similar origin for low- and high-albedo Jovian Trojans and Hilda asteroids?, A&A, 568, L7
- Martí-Vidal, I., Vlemmings, W.H.T., Muller, S. & Casey, S. 2014, UVMULTIFIT: A versatile tool for fitting astronomical radio interferometric data, A&A, 563, A136
- Martinazzi, E., Pieres, A., Kepler, S.O., Costa, J.E.S., Bonatto, C. & Bica, E. 2014, Probing mass segregation in the globular cluster NGC 6397, MNRAS, 442, 3105
- Maseda, M.V., van der Wel, A., Rix, H.-W., da Cunha, E., Pacifici, C., Momcheva, I., Brammer, G.B., Meidt, S.E., Franx, M., van Dokkum, P., Fumagalli, M., Bell, E.F., Ferguson, H.C., Förster-Schreiber, N.M., Koekemoer, A.M., Koo, D.C., Lundgren, B.F., Marchesini, D., Nelson, E.J., Patel, S.G., Skelton, R.E., Straughn, A.N., Trump, J.R., Whitaker, K.E. 2014, The Nature of Extreme Emission Line Galaxies at $z = 1-2$: Kinematics and Metallicities from Near-infrared Spectroscopy, ApJ, 791, 17
- Mashonkina, L. & Christlieb, N. 2014, The Hamburg/ESO R-process Enhanced Star survey (HERES). IX. Constraining pure r-process

- Ba/Eu abundance ratio from observations of r-II stars, *A&A*, 565, A123
- Mashonkina, L., Christlieb, N. & Eriksson, K. 2014, The Hamburg/ESO R-process Enhanced Star survey (HERES). X. HE 2252-4225, one more r-process enhanced and actinide-boost halo star, *A&A*, 569, A43
- Mason, E. & Munari, U. 2014, On the narrow emission line components of the LMC novae 2004 (YY Doradus) and 2009a, *A&A*, 569, A84
- Massari, D., Mucciarelli, A., Ferraro, F.R., Origlia, L., Rich, R.M., Lanzoni, B., Dalessandro, E., Valenti, E., Ibatá, R., Lovisi, L., Bellazzini, M. & Reitzel, D. 2014, Ceci N'est Pas a Globular Cluster: The Metallicity Distribution of the Stellar System Terzan 5, *ApJ*, 795, 22
- Massari, D., Mucciarelli, A., Ferraro, F.R., Origlia, L., Rich, R.M., Lanzoni, B., Dalessandro, E., Ibatá, R., Lovisi, L., Bellazzini, M. & Reitzel, D. 2014, Chemical and Kinematical Properties of Galactic Bulge Stars Surrounding the Stellar System Terzan 5, *ApJ*, 791, 101
- Masseron, T., Plez, B., Van Eck, S., Colin, R., Daoutidis, I., Godefroid, M., Coheur, P.-F., Bernath, P., Jorissen, A., Christlieb, N., 2014, CH in stellar atmospheres: an extensive linelist, *A&A*, 571, A47
- Mata Sánchez, D., González Hernández, J.I., Israelian, G., Santos, N.C., Sahlmann, J. & Udry, S. 2014, Chemical abundances of stars with brown-dwarf companions, *A&A*, 566, A83
- Matter, A., Labadie, L., Kreplin, A., Lopez, B., Wolf, S., Weigelt, G., Ertel, S., Pott, J.-U., Danchi, W.C., 2014, Evidence of a discontinuous disk structure around the Herbig Ae star HD 139614, *A&A*, 561, A26
- Matthee, J.J.A., Sobral, D., Swinbank, A.M., Smail, I., Best, P.N., Kim, J.-W., Franx, M., Milvang-Jensen, B., Fynbo, J., 2014, A 10 deg² Lyman α survey at $z=8.8$ with spectroscopic follow-up: strong constraints on the luminosity function and implications for other surveys, *MNRAS*, 440, 2375
- Mauerhan, J., Williams, G.G., Smith, N., Smith, P.S., Filippenko, A.V., Hoffman, J.L., Milne, P., Leonard, D.C., Clubb, K.I., Fox, O.D. & Kelly, P.L. 2014, Multi-epoch spectropolarimetry of SN 2009ip: direct evidence for aspherical circumstellar material, *MNRAS*, 442, 1166
- Maud, J.R., Mattila, S., Ramirez-Ruiz, E. & Eldridge, J.J. 2014, A new precise mass for the progenitor of the Type IIP SN 2008bk, *MNRAS*, 438, 1577
- Mauro, F., Moni Bidin, C., Geisler, D., Saviane, I., Da Costa, G.S., Gormaz-Matamala, A.C., Vasquez, S., Chené, A.-N., Cohen, R., Dias, B., 2014, Deriving metallicities from calcium triplet spectroscopy in combination with near-infrared photometry, *A&A*, 563, A76
- Mauron, N., Gigoyan, K.S., Berlioz-Arthaud, P. & Klotz, A. 2014, Cool carbon stars in the halo and in dwarf galaxies: H α , colours, and variability, *A&A*, 562, A24
- Mayer, A., Jorissen, A., Paladini, C., Kerschbaum, F., Pourbaix, D., Siopis, C., Ottensamer, R., Mečina, M., Cox, N.L.J., Groenewegen, M.A.T., Klotz, D., Sadowski, G., Spang, A., Cruzalèbes, P. & Waelkens, C. 2014, Large-scale environments of binary AGB stars probed by Herschel. II. Two companions interacting with the wind of π 1 Gruis, *A&A*, 570, A113
- Mayer, P., Drechsel, H. & Irrgang, A. 2014, New and revised parameters for several southern OB binaries, *A&A*, 565, A86
- Mayer, P., Harmanec, P., Sana, H. & Le Bouquin, J.-B., 2014, The Three-body System δ Circini, *AJ*, 148, 114
- Maza, N.L., Nieva, M.-F. & Przybilla, N. 2014, A non-LTE spectral analysis of the 3He and 4He isotopes in the HgMn star κ Cancri, *A&A*, 572, A112
- Mazzalay, X., Maciejewski, W., Erwin, P., Saglia, R.P., Bender, R., Fabricius, M.H., Nowak, N., Rusli, S.P. & Thomas, J. 2014, Molecular gas in the centre of nearby galaxies from VLT/SINFONI integral field spectroscopy - II. Kinematics, *MNRAS*, 438, 2036
- McDonald, I., Zijlstra, A.A., Sloan, G.C., Kerins, E., Lagadec, E. & Minniti, D. 2014, VISTA variables in the Sagittarius dwarf spheroidal galaxy: pulsation-versus dust-driven winds on the giant branches, *MNRAS*, 439, 2618
- McQuinn, M. & Worseck, G. 2014, The case against large intensity fluctuations in the $z \sim 2.5$ He II Ly α forest, *MNRAS*, 440, 2406
- Melandri, A., Pian, E., D'Elia, V., D'Avanzo, P., Della Valle, M., Mazzali, P.A., Tagliaferri, G., Cano, Z., Levan, A.J., Moller, P., Amati, L., Bernardini, M.G., Bersier, D., Bufano, F., Campana, S., Castro-Tirado, A.J., Covino, S., Ghirlanda, G., Hurley, K., Malesani, D., Masetti, N., Palazzi, E., Piranomonte, S., Rossi, A., Salvaterra, R., Starling, R.L.C., Tanaka, M., Tanvir, N.R. & Vergani, S.D. 2014, Diversity of gamma-ray burst energetics vs. supernova homogeneity: SN 2013cq associated with GRB 130427A, *A&A*, 567, A29
- Meléndez, J., Ramírez, I., Karakas, A.I., Yong, D., Monroe, T.R., Bedell, M., Bergemann, M., Asplund, M., Tucci Maia, M., Bean, J., do Nascimento, J.-D.J., Bazot, M., Alves-Brito, A., Freitas, F.C., Castro, M., 2014, 18 Sco: A Solar Twin Rich in Refractory and Neutron-capture Elements. Implications for Chemical Tagging, *ApJ*, 791, 14
- Meléndez, J., Schirbel, L., Monroe, T.R., Yong, D., Ramírez, I. & Asplund, M. 2014, HIP 114328: a new refractory-poor and Li-poor solar twin, *A&A*, 567, L3
- Méndez-Abreu, J., Debattista, V.P., Corsini, E.M. & Aguerri, J.A.L. 2014, Secular- and merger-built bulges in barred galaxies, *A&A*, 572, A25
- Mendigutía, I., Fairlamb, J., Montesinos, B., Oudmaijer, R.D., Najita, J.R., Brittain, S.D. & van den Ancker, M.E. 2014, Stellar Parameters and Accretion Rate of the Transition Disk Star HD 142527 from X-Shooter, *ApJ*, 790, 21
- Menu, J., van Boekel, R., Henning, T., Chandler, C.J., Linz, H., Benisty, M., Lacour, S., Min, M., Waelkens, C., Andrews, S.M., Calvet, N., Carpenter, J.M., Corder, S.A., Deller, A.T., Greaves, J.S., Harris, R.J., Isella, A., Kwon, W., Lazio, J., Le Bouquin, J.-B., Ménard, F., Mundy, L.G., Pérez, L.M., Ricci, L., Sargent, A.I., Storm, S., Testi, L., Wilner, D.J., 2014, On the structure of the transition disk around TW Hydrae, *A&A*, 564, A93
- Merloni, A., Bongiorno, A., Brusa, M., Iwasawa, K., Mainieri, V., Magnelli, B., Salvato, M., Berta, S., Cappelluti, N., Comastri, A., Fiore, F., Gilli, R., Koekemoer, A., Le Floch, E., Lusso, E., Lutz, D., Miyaji, T., Pozzi, F., Riguccini, L., Rosario, D.J., Silverman, J., Symeonidis, M., Treister, E., Vignali, C. & Zamorani, G. 2014, The incidence of obscuration in active galactic nuclei, *MNRAS*, 437, 3550
- Meshkat, T., Kenworthy, M.A., Quanz, S.P. & Amara, A. 2014, Optimized Principal Component Analysis on Coronagraphic Images of the Fomalhaut System, *ApJ*, 780, 17
- Messias, H., Dye, S., Nagar, N., Orellana, G., Bussmann, R.S., Calanog, J., Dannerbauer, H., Fu, H., Ibar, E., Inohara, A., Ivson, R.J., Negrello, M., Riechers, D.A., Sheen, Y.-K., Aguirre, J.E., Amber, S., Birkinshaw, M., Bourne, N., Bradford, C.M., Clements, D.L., Cooray, A., De Zotti, G., Demarco, R., Dunne, L., Eales, S., Fleuren, S., Kamenetzky, J., Lupu, R.E., Maddox, S.J., Marrone, D.P., Michałowski, M.J., Murphy, E.J., Nguyen, H.T., Omont, A., Rowlands, K., Smith, D., Smith, M., Valiante, E., Vieira, J.D., 2014, Herschel-ATLAS and ALMA. HATLAS J142935.3-002836, a lensed major merger at redshift 1.027, *A&A*, 568, A92
- Messina, S., Monard, B., Biazzo, K., Melo, C.H.F. & Frasca, A. 2014, Evidence from stellar rotation of enhanced disc dispersal. I. The case of the triple visual system BD-21 1074 in the β Pictoris association, *A&A*, 570, A19
- Messineo, M., Menten, K.M., Figer, D.F., Davies, B., Clark, J.S., Ivanov, V.D., Kudritzki, R.-P., Rich, R.M., Mackenty, J.W.,

- Trombly, C., 2014, Massive stars in the giant molecular cloud G23.3-0.3 and W41, *A&A*, 569, A20
- Messineo, M., Zhu, Q., Ivanov, V.D., Figer, D.F., Davies, B., Menten, K.M., Kudritzki, R.P. & Chen, C.-H.R., 2014, Near-infrared spectroscopy of candidate red supergiant stars in clusters, *A&A*, 571, A43
- Meyer, L., Witzel, G., Longstaff, F.A. & Ghez, A.M. 2014, A Formal Method for Identifying Distinct States of Variability in Time-varying Sources: Sgr A* as an Example, *ApJ*, 791, 24
- Michalowski, M.J., Hunt, L.K., Palazzi, E., Savaglio, S., Gentile, G., Rasmussen, J., Baes, M., Basa, S., Bianchi, S., Berta, S., Burlon, D., Castro Cerón, J.M., Covino, S., Cuby, J.-G., D'Elia, V., Ferrero, P., Götz, D., Jhorth, J., Koprowski, M.P., Le Borgne, D., Le Floc'h, E., Malesani, D., Murphy, T., Pian, E., Piranomonte, S., Rossi, A., Sollerman, J., Tanvir, N.R., de Ugarte Postigo, A., Watson, D., van der Werf, P., Vergani, S.D., Xu, D., 2014, Spatially-resolved dust properties of the GRB 980425 host galaxy, *A&A*, 562, A70
- Micheletti, D., Iovino, A., Hawken, A.J., Granett, B.R., Bolzonella, M., Cappi, A., Guzzo, L., Abbas, U., Adami, C., Arnouts, S., Bel, J., Bottini, D., Branchini, E., Coupon, J., Cucciati, O., Davidzon, I., De Lucia, G., de la Torre, S., Fritz, A., Franzetti, P., Fumana, M., Garilli, B., Ilbert, O., Krywult, J., Le Brun, V., Le Fèvre, O., Maccagni, D., Matek, K., Marulli, F., McCracken, H.J., Polletta, M., Pollo, A., Schimd, C., Scodreggio, M., Tasca, L.A.M., Tojeiro, R., Vergani, D., Zanichelli, A., Burden, A., Di Porto, C., Marchetti, A., Marinoni, C., Mellier, Y., Moutard, T., Moscardini, L., Nichol, R.C., Peacock, J.A., Percival, W.J. & Zamorani, G. 2014, The VIMOS Public Extragalactic Redshift Survey. Searching for cosmic voids, *A&A*, 570, A106
- Mignani, R.P., Corongiu, A., Pallanca, C., Oates, S.R., Yershov, V.N., Breeveld, A.A., Page, M.J., Ferraro, F.R., Possenti, A. & Jackson, A.C. 2014, Binary pulsars studies with multiwavelength sky surveys - I. Companion star identification, *MNRAS*, 443, 2223
- Mikolaitis, Š., Hill, V., Recio-Blanco, A., de Laverny, P., Allende Prieto, C., Kordopatis, G., Tautvaišienė, G., Romano, D., Gilmore, G., Randich, S., Feltzing, S., Micela, G., Vallenari, A., Alfaro, E.J., Bensby, T., Bragaglia, A., Flaccomio, E., Lanzafame, A.C., Pancino, E., Smiljanic, R., Bergemann, M., Carraro, G., Costado, M.T., Damiani, F., Hourihane, A., Jofré, P., Lardo, C., Magrini, L., Maiorca, E., Morbidelli, L., Sbordone, L., Sousa, S.G., Worley, C.C. & Zaggia, S. 2014, The Gaia-ESO Survey: the chemical structure of the Galactic discs from the first internal data release, *A&A*, 572, A33
- Milli, J., Lagrange, A.-M., Mawet, D., Absil, O., Augereau, J.-C., Mouillet, D., Boccaletti, A., Girard, J.H., Chauvin, G., 2014, Very deep images of the innermost regions of the β Pictoris debris disc at L' , *A&A*, 566, A91
- Minniti, D., Saito, R.K., Gonzalez, O.A., Zoccali, M., Rejkuba, M., Alonso-García, J., Benjamin, R., Catelan, M., Dékány, I., Emerson, J.P., Hempel, M., Lucas, P.W. & Schultheis, M. 2014, Milky Way demographics with the VVV survey. III. Evidence for a great dark lane in the 157 million star bulge color-magnitude diagram, *A&A*, 571, A91
- Misawa, T., Charlton, J.C. & Eracleous, M. 2014, Monitoring the Variability of Intrinsic Absorption Lines in Quasar Spectra, *ApJ*, 792, 77
- Mitschang, A.W., De Silva, G., Zucker, D.B., Anguiano, B., Bensby, T. & Feltzing, S. 2014, Quantitative chemical tagging, stellar ages and the chemo-dynamical evolution of the Galactic disc, *MNRAS*, 438, 2753
- Moehler, S., Modigliani, A., Freudling, W., Giammichele, N., Gianninas, A., Gonneau, A., Kausch, W., Lançon, A., Noll, S., Rauch, T. & Vinther, J. 2014, Flux calibration of medium-resolution spectra from 300 nm to 2500 nm: Model reference spectra and telluric correction, *A&A*, 568, A9
- Moehler, S., Dreizler, S., LeBlanc, F., Khalack, V., Michaud, G., Richer, J., Sweigart, A.V. & Grundahl, F. 2014, Hot horizontal branch stars in NGC 288 - effects of diffusion and stratification on their atmospheric parameters, *A&A*, 565, A100
- Mok, A., Balogh, M.L., McGee, S.L., Wilman, D.J., Finoguenov, A., Tanaka, M., Bower, R.G., Hou, A., Mulchaey, J.S. & Parker, L.C. 2014, Star formation and environmental quenching of GEEC2 group galaxies at $z \sim 1$, *MNRAS*, 438, 3070
- Monaco, L., Boffin, H.M.J., Bonifacio, P., Villanova, S., Carraro, G., Caffau, E., Steffen, M., Ahumada, J.A., Beletsky, Y. & Beccari, G. 2014, A super lithium-rich red-clump star in the open cluster Trumpler 5, *A&A*, 564, L6
- Moni Bidin, C., Majaess, D., Bonatto, C., Mauro, F., Turner, D., Geisler, D., Chené, A.-N., Gormaz-Matamala, A.C., Borissova, J., Kurtev, R.G., Minniti, D., Carraro, G., Gieren, W., 2014, Investigating potential planetary nebula/cluster pairs, *A&A*, 561, A119
- Montargès, M., Kervella, P., Perrin, G., Ohnaka, K., Chiavassa, A., Ridgway, S.T. & Lacour, S. 2014, Properties of the CO and H₂O MOLsphere of the red supergiant Betelgeuse from VLTI/AMBER observations, *A&A*, 572, A17
- Montes, M., Acosta-Pulido, J.A., Prieto, M.A. & Fernández-Ontiveros, J.A. 2014, The innermost globular clusters of M87, *MNRAS*, 442, 1350
- Montes, M., Trujillo, I., Prieto, M.A. & Acosta-Pulido, J.A. 2014, Age and metallicity gradients support hierarchical formation for M87, *MNRAS*, 439, 990
- Morel, T., Briquet, M., Auvergne, M., Alecian, G., Ghazaryan, S., Niemczura, E., Fossati, L., Lehmann, H., Hubrig, S., Uluşoy, C., Damerdjij, Y., Rainer, M., Poretti, E., Borsa, F., Scardia, M., Schmid, V.S., Van Winckel, H., De Smedt, K., Pápics, P.I., Gameiro, J.F., Waelkens, C., Fagas, M., Kamiński, K., Dimitrov, W., Baglin, A., Michel, E., Dumortier, L., Frémat, Y., Hensberge, H., Jorissen, A. & Van Eck, S. 2014, A search for pulsations in the HgMn star HD 45975 with CoRoT photometry and ground-based spectroscopy, *A&A*, 561, A35
- Morel, T., Miglio, A., Lagarde, N., Montalbán, J., Rainer, M., Poretti, E., Eggenberger, P., Hekker, S., Kallinger, T., Mosser, B., Valentini, M., Carrier, F., Hareter, M. & Mantegazza, L. 2014, Atmospheric parameters and chemical properties of red giants in the CoRoT asteroseismology fields, *A&A*, 564, A119
- Moretti, A., Poggianti, B.M., Fasano, G., Bettoni, D., D'Onofrio, M., Fritz, J., Cava, A., Varela, J., Vulcani, B., Gullieuszik, M., Couch, W.J., Omizzolo, A., Valentiniuzzi, T., Dressler, A., Moles, M., Kjærgaard, P., Smareglia, R. & Molinaro, M. 2014, WINGS Data Release: a database of galaxies in nearby clusters, *A&A*, 564, A138
- Moretti, M.I., Clementini, G., Muraveva, T., Ripepi, V., Marquette, J.B., Cioni, M.-R.L., Marconi, M., Girardi, L., Rubele, S., Tisserand, P., de Grijs, R., Groenewegen, M.A.T., Guandalini, R., Ivanov, V.D., van Loon, J.T., 2014, The VMC Survey - X. Cepheids, RR Lyrae stars and binaries as probes of the Magellanic System's structure, *MNRAS*, 437, 2702
- Mori, T.I., Imanishi, M., Alonso-Herrero, A., Packham, C., Ramos Almeida, C., Nikutta, R., González-Martín, O., Perlman, E., Saito, Y. & Levenson, N.A. 2014, Near- to mid-infrared imaging and spectroscopy of two buried AGNs of the nearby merging galaxy NGC 6240 with Subaru/IRCS+AO and GTC/CanariCam, *PASJ*, 66, 93
- Morlok, A., Lisse, C.M., Mason, A.B., Bullock, E.S. & Grady, M.M. 2014, Mid-infrared spectroscopy of components in chondrites: Search for processed materials in young Solar Systems and comets, *Icar*, 231, 338
- Mortier, A., Sousa, S.G., Adibekyan, V.Z., Brandão, I.M. & Santos, N.C. 2014, Correcting the spectroscopic surface gravity using transits and asteroseismology. No significant effect on

- temperatures or metallicities with ARES and MOOG in local thermodynamic equilibrium, *A&A*, 572, A95
- Motch, C., Pakull, M.W., Soria, R., Grisé, F. & Pietrzyński, G. 2014, A mass of less than 15 solar masses for the black hole in an ultraluminous X-ray source, *Nature*, 514, 198
- Moutou, C., Almenara, J.M., Díaz, R.F., Alonso, R., Deleuil, M., Guenther, E., Pasternacki, T., Aigrain, S., Baglin, A., Barge, P., Bonomo, A.S., Bordé, P., Bouchy, F., Cabrera, J., Carpano, S., Cochran, W.D., Csizmadia, S., Deeg, H.J., Dvorak, R., Endl, M., Erikson, A., Ferraz-Mello, S., Fridlund, M., Gandolfi, D., Guillot, T., Hatzes, A., Hébrard, G., Lovis, C., Lammer, H., MacQueen, P.J., Mazeh, T., Ofir, A., Ollivier, M., Pätzold, M., Rauer, H., Rouan, D., Santerne, A., Schneider, J., Tingley, B. & Wuchterl, G. 2014, CoRoT-22 b: a validated 4.9 R_{\oplus} exoplanet in 10-d orbit, *MNRAS*, 444, 2783
- Mucciarelli, A., Dalessandro, E., Ferraro, F.R., Origlia, L. & Lanzoni, B. 2014, No Evidence of Chemical Anomalies in the Bimodal Turnoff Cluster NGC 1806 in the Large Magellanic Cloud, *ApJ*, 793, L6
- Mucciarelli, A., Lovisi, L., Ferraro, F.R., Dalessandro, E., Lanzoni, B. & Monaco, L. 2014, Spinning Like a Blue Straggler: The Population of Fast Rotating Blue Straggler Stars in ω Centauri, *ApJ*, 797, 43
- Mucciarelli, A., Lovisi, L., Lanzoni, B. & Ferraro, F.R. 2014, The Helium Abundance in the Metal-poor Globular Clusters M30 and NGC 6397, *ApJ*, 786, 14
- Mucciarelli, A., Salaris, M., Bonifacio, P., Monaco, L. & Villanova, S. 2014, The cosmological lithium problem outside the Galaxy: the Sagittarius globular cluster M54, *MNRAS*, 444, 1812
- Mugrauer, M., Ginski, C. & Seeliger, M. 2014, New wide stellar companions of exoplanet host stars, *MNRAS*, 439, 1063
- Müller, A., Pott, J.-U., Mérand, A., Abuter, R., Delplancke-Ströbele, F., Henning, T., Köhler, R., Leinert, C., Morel, S., Phan Duc, T., Pozna, E., Ramirez, A., Sahlmann, J. & Schmid, C. 2014, Mid-infrared interferometry with K band fringe-tracking. I. The VLTI MIDI+FSU experiment, *A&A*, 567, A98
- Müller, H.S.P., Goicoechea, J.R., Cernicharo, J., Agúndez, M., Pety, J., Cuadrado, S., Gerin, M., Dumas, G. & Chapillon, E. 2014, Revised spectroscopic parameters of SH+ from ALMA and IRAM 30 m observations, *A&A*, 569, L5
- Muller, S., Combes, F., Guélin, M., Gérin, M., Aalto, S., Beelen, A., Black, J.H., Curran, S.J., Darling, J., V-Trung, D., Garcia-Burillo, S., Henkel, C., Horellou, C., Martín, S., Martí-Vidal, I., Menten, K.M., Murphy, M.T., Ott, J., Wiklind, T. & Zwaan, M.A. 2014, An ALMA Early Science survey of molecular absorption lines toward PKS 1830-211. Analysis of the absorption profiles, *A&A*, 566, A112
- Muller, S., Black, J.H., Guélin, M., Henkel, C., Combes, F., Gérin, M., Aalto, S., Beelen, A., Darling, J., Horellou, C., Martín, S., Menten, K.M., V-Trung, D. & Zwaan, M.A. 2014, Detection of chloronium and measurement of the $^{35}\text{Cl}/^{37}\text{Cl}$ isotopic ratio at $z = 0.89$ toward PKS 1830-211, *A&A*, 566, L6
- Muraveva, T., Clementini, G., Maceroni, C., Evans, C.J., Moretti, M.I., Cioni, M.-R.L., Marquette, J.B., Ripepi, V., de Grijs, R., Groenewegen, M.A.T., Piatti, A.E., van Loon, J.T., 2014, Eclipsing binary stars in the Large Magellanic Cloud: results from the EROS-2, OGLE and VMC surveys, *MNRAS*, 443, 432
- Mutabazi, T., Blyth, S.L., Woudt, P.A., Lucey, J.R., Jarrett, T.H., Bilicki, M., Schröder, A.C. & Moore, S.A.W. 2014, The Norma cluster (ACO 3627) - III. The distance and peculiar velocity via the near-infrared Ks-band Fundamental Plane, *MNRAS*, 439, 3666
- Muzić, K., Scholz, A., Geers, V.C., Jayawardhana, R. & López Martí, B. 2014, Substellar Objects in Nearby Young Clusters (SONYC). VIII. Substellar Population in Lupus 3, *ApJ*, 785, 159
- Nardetto, N., Poretti, E., Rainer, M., Guiglion, G., Scardia, M., Schmid, V.S. & Mathias, P. 2014, Understanding the dynamical structure of pulsating stars. HARPS spectroscopy of the δ Scuti stars ρ Puppis and DX Ceti, *A&A*, 561, A151
- Nasseri, A., Chini, R., Harmanec, P., Mayer, P., Nemravová, J.A., Dembsky, T., Lehmann, H., Sana, H. & Le Bouquin, J.-B., 2014, HD 152246: a new high-mass triple system and its basic properties, *A&A*, 568, A94
- Nastasi, A., Böhringer, H., Fassbender, R., de Hoon, A., Lamer, G., Mohr, J.J., Padilla, N., Pratt, G.W., Quintana, H., Rosati, P., Santos, J.S., Schwobe, A.D., Šuhada, R. & Verdugo, M. 2014, Kinematic analysis of a sample of X-ray luminous distant galaxy clusters. The LX - σ v relation in the $z > 0.6$ universe, *A&A*, 564, A17
- Natta, A., Testi, L., Alcalá, J.M., Rigliaco, E., Covino, E., Stelzer, B. & D'Elia, V. 2014, X-shooter spectroscopy of young stellar objects. V. Slow winds in T Tauri stars, *A&A*, 569, A5
- Naud, M.-E., Artigau, É., Malo, L., Albert, L., Doyon, R., Lafrenière, D., Gagné, J., Saumon, D., Morley, C.V., Allard, F., Homeier, D., Beichman, C.A. & Gelino, C.R. Boucher, A. 2014, Discovery of a Wide Planetary-mass Companion to the Young M3 Star GU Psc, *ApJ*, 787, 5
- Nayyeri, H., Mobasher, B., Hemmati, S., De Barros, S., Ferguson, H.C., Wiklind, T., Dahlen, T., Dickinson, M., Giavalisco, M., Fontana, A., Ashby, M., Barro, G., Guo, Y., Hathi, N.P., Kassir, S., Koekemoer, A., Willner, S., Dunlop, J.S., Paris, D. & Targett, T.A. 2014, A Study of Massive and Evolved Galaxies at High Redshift, *ApJ*, 794, 68
- Nazé, Y., Wade, G.A. & Petit, V. 2014, Modulated X-ray emission of the magnetic O8.5V-star Tr16-22, *A&A*, 569, A70
- Negrello, M., Hopwood, R., Dye, S., Cunha, E.d., Serjeant, S., Fritz, J., Rowlands, K., Fleuren, S., Bussmann, R.S., Cooray, A., Dannerbauer, H., Gonzalez-Nuevo, J., Lapi, A., Omont, A., Amber, S., Auld, R., Baes, M., Buttiglione, S., Cava, A., Danese, L., Dariush, A., De Zotti, G., Dunne, L., Eales, S., Ibar, E., Ivson, R.J., Kim, S., Leeuw, L., Maddox, S., Michałowski, M.J., Massardi, M., Pascale, E., Pohlen, M., Rigby, E., Smith, D.J.B., Sutherland, W., Temi, P. & Wardlow, J. 2014, Herschel *-ATLAS: deep HST/WFC3 imaging of strongly lensed submillimetre galaxies, *MNRAS*, 440, 1999
- Negrete, C.A., Dultzin, D., Marziani, P. & Sulentic, J.W. 2014, A New Method to Obtain the Broad Line Region Size of High Redshift Quasars, *ApJ*, 794, 95
- Ness, M., Asplund, M. & Casey, A.R. 2014, NGC 6522: a typical globular cluster in the Galactic bulge without signatures of rapidly rotating Population III stars, *MNRAS*, 445, 2994
- Netopil, M., Fossati, L., Paunzen, E., Zwintz, K., Pintado, O.I. & Bagnulo, S. 2014, A probable pre-main sequence chemically peculiar star in the open cluster Stock 16, *MNRAS*, 442, 3761
- Neves, V., Bonfils, X., Santos, N.C., Delfosse, X., Forveille, T., Allard, F. & Udry, S. 2014, Metallicity of M dwarfs. IV. A high-precision [Fe/H] and Teff technique from high-resolution optical spectra for M dwarfs, *A&A*, 568, A121
- Newman, S.F., Buschkamp, P., Genzel, R., Förster Schreiber, N.M., Kurk, J., Sternberg, A., Gnat, O., Rosario, D., Mancini, C., Lilly, S.J., Renzini, A., Burkert, A., Carollo, C.M., Cresci, G., Davies, R., Eisenhauer, F., Genel, S., Shapiro Griffin, K., Hicks, E.K.S., Lutz, D., Naab, T., Peng, Y., Tacconi, L.J., Wuyts, S., Zamorani, G., Vergani, D. & Weiner, B.J. 2014, Nebular Excitation in $z \sim 2$ Star-forming Galaxies from the SINS and LUCI Surveys: The Influence of Shocks and Active Galactic Nuclei, *ApJ*, 781, 21
- Nicholl, M., Smartt, S.J., Jerkstrand, A., Inserra, C., Anderson, J.P., Baltay, C., Benetti, S., Chen, T.-W., Elias-Rosa, N., Feindt, U., Fraser, M., Gal-Yam, A., Hadjiyska, E., Howell, D.A., Kotak, R., Lawrence, A., Leloudas, G., Margheim, S., Mattila, S., McCrum, M., McKinnon, R., Mead, A., Nugent, P., Rabinowitz, D., Rest, A., Smith, K.W., Sollerman, J., Sullivan, M., Taddia, F., Valenti, S., Walker, E.S., Young, D.R., 2014, Superluminous supernovae from PESSTO, *MNRAS*, 444, 2096

- Nicholls, D.C., Jerjen, H., Dopita, M.A. & Basurah, H. 2014, Nebular Metallicities in Two Isolated Local Void Dwarf Galaxies, *ApJ*, 780, 88
- Nieva, M.-F. Przybilla, N. 2014, Fundamental properties of nearby single early B-type stars, *A&A*, 566, A7
- Nissen, P.E., Chen, Y.Q., Carigi, L., Schuster, W.J. & Zhao, G. 2014, Carbon and oxygen abundances in stellar populations, *A&A*, 568, A25
- Nordin, J., Rubin, D., Richard, J., Rykoff, E., Aldering, G., Amanullah, R., Atek, H., Barbary, K., Deustua, S., Fakhouri, H.K., Fruchter, A.S., Goobar, A., Hook, I., Hsiao, E.Y., Huang, X., Kneib, J.-P., Lidman, C., Meyers, J., Perlmutter, S., Saunders, C., Spadafora, A.L., Suzuki, N., Supernova Cosmology Project, S.C.P., 2014, Lensed Type Ia supernovae as probes of cluster mass models, *MNRAS*, 440, 2742
- Odone, M.A., Ambrocio-Cruz, P., Le Coarer, E. & Goldes, G.V. 2014, Kinematic structure of the supergiant shell LMC 9 - I. The nebular complex DEM L208, *MNRAS*, 442, 3347
- Ohnaka, K. 2014, High spectral resolution spectroscopy of the SiO fundamental lines in red giants and red supergiants with VLT/VISIR, *A&A*, 561, A47
- Ohnaka, K. 2014, Imaging the outward motions of clumpy dust clouds around the red supergiant Antares with VLT/VISIR, *A&A*, 568, A17
- Omizzolo, A., Fasano, G., Reverte Paya, D., De Santis, C., Grado, A., Bettoni, D., Poggianti, B., D'Onofrio, M., Moretti, A., Varela, J., Fritz, J., Gullieuszik, M., Cava, A., Grazian, A. & Moles, M. 2014, U-band photometry of 17 WINGS clusters, *A&A*, 561, A111
- Önehag, A., Gustafsson, B. & Korn, A. 2014, Abundances and possible diffusion of elements in M 67 stars, *A&A*, 562, A102
- Orosz, J.A., Steiner, J.F., McClintock, J.E., Buxton, M.M., Bailyn, C.D., Steeghs, D., Guberman, A. & Torres, M.A.P. 2014, The Mass of the Black Hole in LMC X-3, *ApJ*, 794, 154
- Oteo, I., Bongiovanni, Á., Magdis, G., Pérez-García, A.M., Cepa, J., Domínguez Sánchez, H., Ederoclite, A., Sánchez-Portal, M. & Pintos-Castro, I. 2014, The ultraviolet to far-infrared spectral energy distribution of star-forming galaxies in the redshift desert, *MNRAS*, 439, 1337
- Otsuka, M., Kemper, F., Cami, J., Peeters, E. & Bernard-Salas, J. 2014, Physical properties of fullerene-containing Galactic planetary nebulae, *MNRAS*, 437, 2577
- Öttl, S., Kimeswenger, S. & Zijlstra, A.A. 2014, Ionization structure of multiple-shell planetary nebulae. I. NGC 2438, *A&A*, 565, A87
- Oya, Y., Sakai, N., Sakai, T., Watanabe, Y., Hirota, T., Lindberg, J.E., Bisschop, S.E., Jørgensen, J.K., van Dishoeck, E.F. & Yamamoto, S. 2014, A Substellar-mass Protostar and its Outflow of IRAS 15398-3359 Revealed by Subarcsecond-resolution Observations of H₂CO and CCH, *ApJ*, 795, 152
- Özsükan, G., Ekşi, K.Y., Hambaryan, V., Neuhäuser, R., Hohle, M.M., Ginski, C. & Werner, K. 2014, The Vela Pulsar with an Active fallback Disk, *ApJ*, 796, 46
- Paganini, L., DiSanti, M.A., Mumma, M.J., Villanueva, G.L., Bonev, B.P., Keane, J.V., Gibb, E.L., Boehnhardt, H. & Meech, K.J. 2014, The Unexpectedly Bright Comet C/2012 F6 (Lemmon) Unveiled at Near-infrared Wavelengths, *AJ*, 147, 15
- Pan, Y.-C., Sullivan, M., Maguire, K., Hook, I.M., Nugent, P.E., Howell, D.A., Arcavi, I., Botyanszki, J., Cenko, S.B., DeRose, J., Fakhouri, H.K., Gal-Yam, A., Hsiao, E., Kulkarni, S.R., Laher, R.R., Lidman, C., Nordin, J. & Walker, E.S. Xu, D. 2014, The host galaxies of Type Ia supernovae discovered by the Palomar Transient Factory, *MNRAS*, 438, 1391
- Pandey, G., Kameswara Rao, N., Jeffery, C.S. & Lambert, D.L. 2014, On the Binary Helium Star DY Centauri: Chemical Composition and Evolutionary State, *ApJ*, 793, 76
- Panić, O., Ratzka, T., Mulders, G.D., Dominik, C., van Boekel, R., Henning, T., Jaffe, W. & Min, M. 2014, Resolving HD 100546 disc in the mid-infrared: Small inner disc and asymmetry near the gap, *A&A*, 562, A101
- Parisi, M.C., Geisler, D., Carraro, G., Clariá, J.J., Costa, E., Grocholski, A.J., Sarajedini, A., Leiton, R. & Piatti, A.E. 2014, Age Determination of 15 Old to Intermediate-age Small Magellanic Cloud Star Clusters, *AJ*, 147, 71
- Parsons, S.G., Marsh, T.R., Bours, M.C.P., Littlefair, S.P., Copperwheat, C.M., Dhillon, V.S., Breedt, E., Caceres, C. & Schreiber, M.R. 2014, Timing variations in the secondary eclipse of NN Ser, *MNRAS*, 438, L91
- Parviainen, H., Gandolfi, D., Deleuil, M., Moutou, C., Deeg, H.J., Ferraz-Mello, S., Samuel, B., Csizmadia, S., Pasternacki, T., Wuchterl, G., Havel, M., Fridlund, M., Angus, R., Tingley, B., Grziwa, S., Korth, J., Aigrain, S., Almenara, J.M., Alonso, R., Baglin, A., Barros, S.C.C., Bordé, P., Bouchy, F., Cabrera, J., Díaz, R.F., Dvorak, R., Erikson, A., Guillot, T., Hatzes, A., Hébrard, G., Mazeh, T., Montagnier, G., Ofir, A., Ollivier, M., Pätzold, M., Rauer, H., Rouan, D., Santerne, A. & Schneider, J. 2014, Transiting exoplanets from the CoRoT space mission. XXV. CoRoT-27b: a massive and dense planet on a short-period orbit, *A&A*, 562, A140
- Pasquini, L., Koch, A., Smiljanic, R., Bonifacio, P. & Modigliani, A. 2014, The Be-test in the Li-rich star #1657 of NGC 6397: evidence for Li-flash in RGB stars?, *A&A*, 563, A3
- Patel, B., McCully, C., Jha, S.W., Rodney, S.A., Jones, D.O., Graur, O., Merten, J., Zitrin, A., Riess, A.G., Matheson, T., Sako, M., Holoien, T.W.-S., Postman, M., Coe, D., Bartelmann, M., Balestra, I., Benítez, N., Bouwens, R., Bradley, L., Broadhurst, T., Cenko, S.B., Donahue, M., Filippenko, A.V., Ford, H., Garnavich, P., Grillo, C., Infante, L., Jovel, S., Kelson, D., Koekemoer, A., Lahav, O., Lemze, D., Maoz, D., Medezinski, E., Melchior, P., Meneghetti, M., Molino, A., Moustakas, J., Moustakas, L.A., Nonino, M., Rosati, P., Seitz, S., Strolger, L.G., Umetsu, K., Zheng, W., 2014, Three Gravitationally Lensed Supernovae behind CLASH Galaxy Clusters, *ApJ*, 786, 9
- Paudel, S., Lisker, T., Hansson, K.S.A. & Huxor, A.P. 2014, An isolated, compact early-type galaxy with a diffuse stellar component: merger origin?, *MNRAS*, 443, 446
- Paumard, T., Pfuhl, O., Martins, F., Kervella, P., Ott, T., Pott, J.-U., Le Bouquin, J.B., Breifelder, J., Gillessen, S., Perrin, G., Bartscher, L., Haubois, X., Brandner, W., 2014, GCIRS 7, a pulsating M1 supergiant at the Galactic centre. Physical properties and age, *A&A*, 568, A85
- Paunzen, E., Netopil, M., Maitzen, H.M., Pavlovski, K., Schnell, A. & Zejda, M. 2014, Photoelectric search for peculiar stars in open clusters. XV. Feinstein 1, NGC 2168, NGC 2323, NGC 2437, NGC 2547, NGC 4103, NGC 6025, NGC 6633, Stock 2, and Trumpler 2, *A&A*, 564, A42
- Pentericci, L., Vanzella, E., Fontana, A., Castellano, M., Treu, T., Mesinger, A., Dijkstra, M., Grazian, A., Bradač, M., Conselice, C., Cristiani, S., Dunlop, J., Galametz, A., Giavalisco, M., Giallongo, E., Koekemoer, A., McLure, R., Maiolino, R., Paris, D. & Santini, P. 2014, New Observations of $z \sim 7$ Galaxies: Evidence for a Patchy Reionization, *ApJ*, 793, 113
- Pereira-Santaella, M., Spinoglio, L., van der Werf, P.P. & Piqueras López, J. 2014, Warm molecular gas temperature distribution in six local infrared bright Seyfert galaxies, *A&A*, 566, A49
- Pérez Garrido, A., Lodieu, N., Béjar, V.J.S., Ruiz, M.T., Gauza, B., Rebolo, R. & Zapatero Osorio, M.R. 2014, 2MASS J154043.42-510135.7: a new addition to the 5 pc population, *A&A*, 567, A6
- Pérez Martínez, M.I., Schröder, K.-P. & Hauschildt, P. 2014, The non-active stellar chromosphere: Ca II basal flux, *MNRAS*, 445, 270
- Perna, D., Alvarez-Candal, A., Fornasier, S., Kaňuchová, Z., Giuliatti Winter, S.M., Vieira Neto, E. & Winter, O.C. 2014, The triple near-Earth asteroid (153591) 2001 SN263: an ultra-blue, primitive target for the Aster space mission, *A&A*, 568, L6

- Péroux, C., Kulkarni, V.P. & York, D.G. 2014, A SINFONI integral field spectroscopy Survey for galaxy counterparts to Damped Lyman α Systems - V. Neutral and ionized-phase metallicities, *MNRAS*, 437, 3144
- Petrov, P.P., Gahm, G.F., Herczeg, G.J., Stempels, H.C. & Walter, F.M. 2014, Doppler probe of accretion onto a T Tauri star, *A&A*, 568, L10
- Petrov, P.P., Kurosawa, R., Romanova, M.M., Gameiro, J.F., Fernandez, M., Babina, E.V. & Artemenko, S.A. 2014, Facing the wind of the pre-FUor V1331 Cyg, *MNRAS*, 442, 3643
- Pettersson, B., Armond, T. & Reipurth, B. 2014, H α emission-line stars in molecular clouds. II. The M 42 region, *A&A*, 570, A30
- Pfuhl, O., Alexander, T., Gillissen, S., Martins, F., Genzel, R., Eisenhauer, F., Fritz, T.K. & Ott, T. 2014, Massive Binaries in the Vicinity of Sgr A*, *ApJ*, 782, 101
- Piatti, A.E., Guandalini, R., Ivanov, V.D., Rubele, S., Cioni, M.-R.L., de Grijs, R., For, B.-Q., Clementini, G., Ripepi, V., Anders, P., Oliveira, J.M., 2014, The VMC Survey. XII. Star cluster candidates in the Large Magellanic Cloud, *A&A*, 570, A74
- Piatti, A.E., del Pino, A., Aparicio, A. & Hidalgo, S.L. 2014, The age-metallicity relationship in the Fornax spheroidal dwarf galaxy, *MNRAS*, 443, 1748
- Pieri, M.M., Mortonson, M.J., Frank, S., Crighton, N., Weinberg, D.H., Lee, K.-G., Noterdaeme, P., Bailey, S., Busca, N., Ge, J., Kirkby, D., Lundgren, B., Mathur, S., Pâris, I., Palanque-Delabrouille, N., Petitjean, P., Rich, J., Ross, N.P., Schneider, D.P., York, D.G., 2014, Probing the circumgalactic medium at high-redshift using composite BOSS spectra of strong Lyman α forest absorbers, *MNRAS*, 441, 1718
- Pillitteri, I., Wolk, S.J., Sciortino, S. & Antoci, V. 2014, No X-rays from WASP-18. Implications for its age, activity, and the influence of its massive hot Jupiter, *A&A*, 567, A128
- Pillitteri, I., Wolk, S.J., Goodman, A. & Sciortino, S. 2014, Smooth X-ray variability from ρ Ophiuchi A+B. A strongly magnetized primary B2 star?, *A&A*, 567, L4
- Pineda, J.E., Quanz, S.P., Meru, F., Mulders, G.D., Meyer, M.R., Panić, O. & Avenhaus, H. 2014, Resolved Images of the Protoplanetary Disk around HD 100546 with ALMA, *ApJ*, 788, L34
- Pinfield, D.J., Gomes, J., Day-Jones, A.C., Leggett, S.K., Gromadzki, M., Burningham, B., Ruiz, M.T., Kurtev, R., Cattermole, T., Cardoso, C., Lodieu, N., Faherty, J., Littlefair, S., Smart, R., Irwin, M., Clarke, J.R.A., Smith, L., Lucas, P.W., Gálvez-Ortiz, M.C., Jenkins, J.S., Jones, H.R.A., Rebolo, R., Béjar, V.J.S. & Gauza, B. 2014, A deep WISE search for very late type objects and the discovery of two halo/thick-disc T dwarfs: WISE 0013+0634 and WISE 0833+0052, *MNRAS*, 437, 1009
- Pinfield, D.J., Gromadzki, M., Leggett, S.K., Gomes, J., Lodieu, N., Kurtev, R., Day-Jones, A.C., Ruiz, M.T., Cook, N.J., Morley, C.V., Marley, M.S., Marocco, F., Smart, R.L., Jones, H.R.A., Lucas, P.W., Beletsky, Y., Ivanov, V.D., Burningham, B., Jenkins, J.S., Cardoso, C., Frith, J., Clarke, J.R.A., Gálvez-Ortiz, M.C. & Zhang, Z. 2014, Discovery of a new Y dwarf: WISE J030449.03-270508.3, *MNRAS*, 444, 1931
- Piñol-Ferrer, N., Fathi, K., Carignan, C., Font, J., Hernandez, O., Karlsson, R. & van de Ven, G. 2014, Bar pattern speed and position of the circumnuclear ring in NGC 1097, *MNRAS*, 438, 971
- Pipino, A., Cibinel, A., Tacchella, S., Carollo, C.M., Lilly, S.J., Miniati, F., Silverman, J.D., van Gorkom, J.H. & Finoguenov, A. 2014, The Zurich Environmental Study (ZENS) of Galaxies in Groups along the Cosmic Web. V. Properties and Frequency of Merging Satellites and Centrals in Different Environments, *ApJ*, 797, 127
- Pita, S., Goldoni, P., Boisson, C., Lenain, J.-P., Punch, M., Gérard, L., Hammer, F., Kaper, L., Sol, H., 2014, Spectroscopy of high-energy BL Lacertae objects with X-shooter on the VLT, *A&A*, 565, A12
- Placco, V.M., Frebel, A., Beers, T.C., Christlieb, N., Lee, Y.S., Kennedy, C.R., Rossi, S. & Santucci, R.M. 2014, Metal-poor Stars Observed with the Magellan Telescope. II. Discovery of Four Stars with $[\text{Fe}/\text{H}] \leq -3.5$, *ApJ*, 781, 40
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Aussel, H., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Barrena, R., Bartelmann, M., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bikmaev, I., Bobin, J., Bock, J.J., Böhringer, H., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Bridges, M., Bucher, M., Burenin, R., Burigana, C., Butler, R.C., Cardoso, J.-F., Carvalho, P., Catalano, A., Challinor, A., Chamballu, A., Chary, R.R., Chen, X., Chiang, H.C., Chiang, L.-Y., Chon, G., Christensen, P.R., Churazov, E., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Comis, B., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Da Silva, A., Dahle, H., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Démoclès, J., Désert, F.-X., Dickinson, C., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Eisenhardt, P.R.M., Enßlin, T.A., Eriksen, H.K., Feroz, F., Finelli, F., Flores-Cacho, I., Forni, O., Frailis, M., Franceschi, E., Fromenteau, S., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Giardino, G., Gilfanov, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Grainge, K.J.B., Gratton, S., Gregorio, A., Groeneboom, N.E., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Hempel, A., Henrot-Versillé, S., Hernández-Montegudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Hurier, G., Hurley-Walker, N., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Khamitov, I., Kisner, T.S., Kneissl, R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leahy, J.P., Leonardi, R., León-Tavares, J., Lesgourgues, J., Li, C., Liddle, A., Liguori, M., Lilje, P.B., Linden-Vornle, M., López-Caniiego, M., Lubin, P.M., Macías-Pérez, J.F., MacTavish, C.J., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthal, F., Mazzotta, P., Mei, S., Meinhold, P.R., Melchiorri, A., Melin, J.-B., Mendes, L., Mennella, A., Migliaccio, M., Mikkelsen, K., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Natl, F., Natoli, P., Nesvadba, N.P.H., Netterfield, C.B., Nørgaard-Nielsen, H.U., Novello, F., Novikov, D., Novikov, I., O'Dwyer, I.J., Olamaie, M., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paoletti, D., Pasian, F., Patanchon, G., Pearson, T.J., Perdereau, O., Perotto, L., Perrott, Y.C., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobbon, D., Plaszczynski, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rumsey, C., Rusholme, B., Sandri, M., Santos, D., Saunders, R.D.E., Savini, G., Schammel, M.P., Scott, D., Seiffert, M.D., Shellard, E.P.S., Shimwell, T.W., Spencer, L.D., Stanford, S.A., Starck, J.-L., Stolyarov, V., Stompór, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Türlér, M., Umata, G., Valenziano, L., Valiviita, J., Van Tent, B., Vibert, L., Vielva, P., Villa, F., Vittorio, N., Wade,

- L.A., Wandelt, B.D., White, M., White, S.D.M., Yvon, D., Zacchei, A., Zonca, A., 2014, Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources, *A&A*, 571, A29
- Porras, A.J., Federman, S.R., Welty, D.E. & Ritchey, A.M. 2014, OH+ in Diffuse Molecular Clouds, *ApJ*, 781, L8
- Porto de Mello, G.F., da Silva, R., da Silva, L. & de Nader, R.V. 2014, A photometric and spectroscopic survey of solar twin stars within 50 parsecs of the Sun. I. Atmospheric parameters and color similarity to the Sun, *A&A*, 563, A52
- Pranger, F., Böhm, A., Ferrari, C., Maurogordato, S., Benoist, C., Höller, H. & Schindler, S. 2014, Abell 2384: the galaxy population of a cluster post-merger, *A&A*, 570, A40
- Preibisch, T., Mehlhorn, M., Townsley, L., Broos, P. & Ratzka, T. 2014, Chandra X-ray observation of the H II region Gum 31 in the Carina nebula complex, *A&A*, 564, A120
- Preibisch, T., Zeidler, P., Ratzka, T., Roccatagliata, V. & Petr-Gotzens, M.G. 2014, The VISTA Carina Nebula Survey. I. Introduction and source catalog, *A&A*, 572, A116
- Presotto, V., Girardi, M., Nonino, M., Mercurio, A., Grillo, C., Rosati, P., Biviano, A., Annunziatella, M., Balestra, I., Cui, W., Sartoris, B., Lemze, D., Ascaso, B., Moustakas, J., Ford, H., Fritz, A., Czoske, O., Ettori, S., Kuchner, U., Lombardi, M., Maier, C., Medezinski, E., Molino, A., Scodreggio, M., Strazzullo, V., Tozzi, P., Ziegler, B., Bartelmann, M., Benitez, N., Bradley, L., Brescia, M., Broadhurst, T., Coe, D., Donahue, M., Gobat, R., Graves, G., Kelson, D., Koekemoer, A., Melchior, P., Meneghetti, M., Merten, J., Moustakas, L.A., Munari, E., Postman, M., Regós, E., Seitz, S., Umetsu, K., Zheng, W. & Zitrin, A. 2014, Intracluster light properties in the CLASH-VLT cluster MACS J1206.2-0847, *A&A*, 565, A126
- Pribulla, T., Sebastian, D., Ammler-von Eiff, M., Stahl, O., Berndt, A., Chini, R., Hoffmeister, V., Mugrauer, M., Neuhäuser, R. & Vaňko, M. 2014, Cerro Armazones spectroscopic survey of F dwarfs, *MNRAS*, 443, 2815
- Prieto, M.A., Mezcua, M., Fernández-Ontiveros, J.A. & Schartmann, M. 2014, The central parsecs of active galactic nuclei: challenges to the torus, *MNRAS*, 442, 2145
- Prinja, R.K. & Urbaneja, M.A. 2014, Rummaging inside the Eskimo's parka: variable asymmetric planetary nebula fast wind and a binary nucleus?, *MNRAS*, 440, 2684
- Radigan, J. 2014, An Independent Analysis of the Brown Dwarf Atmosphere Monitoring (BAM) Data: Large-amplitude Variability is Rare Outside the L/T Transition, *ApJ*, 797, 120
- Ragan, S.E., Henning, T., Tackenberg, J., Beuther, H., Johnston, K.G., Kainulainen, J. & Linz, H. 2014, Giant molecular filaments in the Milky Way, *A&A*, 568, A73
- Rahoui, F., Tomsick, J.A., Fornasini, F.M., Bodaghee, A. & Bauer, F.E. 2014, Near-infrared spectroscopy of 20 new Chandra sources in the Norma arm, *A&A*, 568, A54
- Rahoui, F., Coriat, M. & Lee, J.C. 2014, Optical and near-infrared spectroscopy of the black hole GX 339-4 - II. The spectroscopic content in the low/hard and high/soft states, *MNRAS*, 442, 1610
- Raichoor, A., Mei, S., Erben, T., Hildebrandt, H., Huertas-Company, M., Ilbert, O., Licitra, R., Ball, N.M., Boissier, S., Boselli, A., Chen, Y.-T., Côté, P., Cuillandre, J.-C., Duc, P.A., Durrell, P.R., Ferrarese, L., Guhathakurta, P., Gwyn, S.D.J., Kavelaars, J.J., Lançon, A., Liu, C., MacArthur, L.A., Muller, M., Muñoz, R.P., Peng, E.W., Puzia, T.H., Sawicki, M., Toloba, E., Van Waerbeke, L., Woods, D., Zhang, H., 2014, The Next Generation Virgo Cluster Survey. XV. The Photometric Redshift Estimation for Background Sources, *ApJ*, 797, 102
- Rajpurohit, A.S., Reylé, C., Allard, F., Scholz, R.-D., Homeier, D., Schultheis, M., Bayo, A., 2014, High-resolution spectroscopic atlas of M subdwarfs. Effective temperature and metallicity, *A&A*, 564, A90
- Ramírez Alegría, S., Borissova, J., Chené, A.N., O'Leary, E., Amigo, P., Minniti, D., Saito, R.K., Geisler, D., Kurtev, R., Hempel, M., Gromadzki, M., Clarke, J.R.A., Negueruela, I., Marco, A., Fierro, C., Bonatto, C. & Catelan, M. 2014, Massive open star clusters using the VVV survey. III. A young massive cluster at the far edge of the Galactic bar, *A&A*, 564, L9
- Ramírez, I., Meléndez, J. & Asplund, M. 2014, Chemical signatures of planets: beyond solar-twins, *A&A*, 561, A7
- Ramírez, I., Meléndez, J., Bean, J., Asplund, M., Bedell, M., Monroe, T., Casagrande, L., Schirbel, L., Dreizler, S., Teske, J., Tucci Maia, M., Alves-Brito, A. & Baumann, P. 2014, The Solar Twin Planet Search. I. Fundamental parameters of the stellar sample, *A&A*, 572, A48
- Ramos Almeida, C., Alonso-Herrero, A., Levenson, N.A., Asensio Ramos, A., Rodríguez Espinosa, J.M., González-Martín, O., Packham, C. & Martínez, M. 2014, Investigating the sensitivity of observed spectral energy distributions to clumpy torus properties in Seyfert galaxies, *MNRAS*, 439, 3847
- Ramstedt, S. & Olofsson, H. 2014, The 12CO/13CO ratio in AGB stars of different chemical type. Connection to the 12C/13C ratio and the evolution along the AGB, *A&A*, 566, A145
- Ramstedt, S., Mohamed, S., Vlemmings, W.H.T., Maercker, M., Montez, R., Baudry, A., De Beck, E., Lindqvist, M., Olofsson, H., Humphreys, E.M.L., Jorissen, A., Kerschbaum, F., Mayer, A., Wittkowski, M., Cox, N.L.J., Lagadec, E., Leal-Ferreira, M.L., Paladini, C., Pérez-Sánchez, A. & Saccuto, S. 2014, The wonderful complexity of the Mira AB system, *A&A*, 570, L14
- Randall, S.K., Fontaine, G., Geier, S., Van Grootel, V. & Brassard, P. 2014, Mode identification based on time-series spectrophotometry for the bright rapid sdB pulsator EC 01541-1409, *A&A*, 563, A79
- Rauch, T., Rudkowski, A., Kampka, D., Werner, K., Kruk, J.W. & Moehler, S. 2014, The virtual observatory service TheoSSA: Establishing a database of synthetic stellar flux standards. II. NLTE spectral analysis of the OB-type subdwarf Feige 110, *A&A*, 566, A3
- Rawle, T.D., Altieri, B., Egami, E., Pérez-González, P.G., Richard, J., Santos, J.S., Valtchanov, I., Walth, G., Bouy, H., Haines, C.P. & Okabe, N. 2014, Star formation in the massive cluster merger Abell 2744, *MNRAS*, 442, 196
- Rebassa-Mansergas, A., Parsons, S.G., Copperwheat, C.M., Justham, S., Gänsicke, B.T., Schreiber, M.R., Marsh, T.R. & Dhillon, V.S. 2014, SDSS J001153.08-064739.2, a Cataclysmic Variable with an Evolved Donor in the Period Gap, *ApJ*, 790, 28
- Recio-Blanco, A., de Laverny, P., Kordopatis, G., Helmi, A., Hill, V., Gilmore, G., Wyse, R., Adibekyan, V., Randich, S., Asplund, M., Feltzing, S., Jeffries, R., Micela, G., Vallenari, A., Alfaro, E., Allende Prieto, C., Bensby, T., Bragaglia, A., Flaccomio, E., Koposov, S.E., Korn, A., Lanzafame, A., Pancino, E., Smljanić, R., Jackson, R., Lewis, J., Magrini, L., Morbidelli, L., Prisinzano, L., Sacco, G., Worley, C.C., Hourihane, A., Bergemann, M., Costado, M.T., Heiter, U., Joffe, P., Lardo, C., Lind, K. & Maiorca, E. 2014, The Gaia-ESO Survey: the Galactic thick to thin disc transition, *A&A*, 567, A5
- Reggiani, M., Quanz, S.P., Meyer, M.R., Pueyo, L., Absil, O., Amara, A., Anglada, G., Avenhaus, H., Girard, J.H., Carrasco Gonzalez, C., Graham, J., Mawet, D., Meru, F., Milli, J., Osorio, M., Wolff, S. & Torrelles, J.-M., 2014, Discovery of a Companion Candidate in the HD 169142 Transition Disk and the Possibility of Multiple Planet Formation, *ApJ*, 792, L23
- Reid, M.J., McClintock, J.E., Steiner, J.F., Steeghs, D., Remillard, R.A., Dhawan, V. & Narayan, R. 2014, A Parallax Distance to the Microquasar GRS 1915+105 and a Revised Estimate of its Black Hole Mass, *ApJ*, 796, 2
- Reindl, N., Rauch, T., Werner, K., Kruk, J.W. & Todt, H. 2014, On helium-dominated stellar evolution: the mysterious role of the O(He)-type stars, *A&A*, 566, A116

- Reindl, N., Rauch, T., Parthasarathy, M., Werner, K., Kruk, J.W., Hamann, W.-R., Sander, A., Todt, H., 2014, The rapid evolution of the exciting star of the Stingray nebula, *A&A*, 565, A40
- Reiter, M. & Smith, N. 2014, Kinematics of powerful jets from intermediate-mass protostars in the Carina nebula, *MNRAS*, 445, 3939
- Remijan, A.J., Snyder, L.E., McGuire, B.A., Kuo, H.-L., Looney, L.W., Friedel, D.N., Golubiatnikov, G.Y., Lovas, F.J., Ilyushin, V.V., Alekseev, E.A., Dyubko, S.F., McCall, B.J., Hollis, J.M., 2014, Observational Results of a Multi-telescope Campaign in Search of Interstellar Urea [(NH₂)₂CO], *ApJ*, 783, 77
- Renner, S., Sicardy, B., Souami, D., Carry, B. & Dumas, C. 2014, Neptune's ring arcs: VLT/NACO near-infrared observations and a model to explain their stability, *A&A*, 563, A133
- Reylé, C., Delorme, P., Artigau, E., Delfosse, X., Albert, L., Forveille, T., Rajpurohit, A.S., Allard, F., Homeier, D. & Robin, A.C. 2014, CFBDS J111807-064016: A new L/T transition brown dwarf in a binary system, *A&A*, 561, A66
- Rhoads, J.E., Malhotra, S., Richardson, M.L.A., Finkelstein, S.L., Fynbo, J.P.U., McLinden, E.M. & Tilvi, V.S. 2014, The Dynamical Masses, Densities, and Star Formation Scaling Relations of Ly α Galaxies, *ApJ*, 780, 20
- Ricci, L., Testi, L., Natta, A., Scholz, A., de Gregorio-Monsalvo, I. & Isella, A. 2014, Brown Dwarf Disks with ALMA, *ApJ*, 791, 20
- Richard, J., Jauzac, M., Limousin, M., Jullo, E., Clément, B., Ebeling, H., Kneib, J.-P., Atek, H., Natarajan, P., Egami, E., Livermore, R., Bower, R., 2014, Mass and magnification maps for the Hubble Space Telescope Frontier Fields clusters: implications for high-redshift studies, *MNRAS*, 444, 268
- Richards, A.M.S., Impellizzeri, C.M.V., Humphreys, E.M., Vlahakis, C., Vlemmings, W., Baudry, A., De Beck, E., Decin, L., Etoka, S., Gray, M.D., Harper, G.M., Hunter, T.R., Kervella, P., Kerschbaum, F., McDonald, I., Melnick, G., Muller, S., Neufeld, D., O'Gorman, E., Parfenov, S.Y., Peck, A.B., Shinnaga, H., Sobolev, A.M., Testi, L., Uscanga, L., Wootten, A., Yates, J.A. & Zijlstra, A. 2014, ALMA sub-mm maser and dust distribution of VY Canis Majoris, *A&A*, 572, L9
- Richichi, A., Fors, O., Cusano, F. & Ivanov, V.D. 2014, Final Binary Star Results from the ESO VLT Lunar Occultations Program, *AJ*, 147, 57
- Richter, P., Fox, A.J., Ben Bekhti, N., Murphy, M.T., Bomans, D. & Frank, S. 2014, High-resolution absorption spectroscopy of the circumgalactic medium of the Milky Way, *AN*, 335, 92
- Richtler, T., Hilker, M., Kumar, B., Bassino, L.P., Gómez, M. & Dirsch, B. 2014, The globular cluster system of NGC 1316. III. Kinematic complexity, *A&A*, 569, A41
- Riedel, A.R., Finch, C.T., Henry, T.J., Subasavage, J.P., Jao, W.-C., Malo, L., Rodriguez, D.R., White, R.J., Gies, D.R., Dieterich, S.B., Winters, J.G., Davison, C.L., Nelan, E.P., Blunt, S.C., Cruz, K.L., Rice, E.L., Ianna, P.A., 2014, The Solar Neighborhood. XXXIII. Parallax Results from the CTIOPI 0.9 m Program: Trigonometric Parallaxes of Nearby Low-mass Active and Young Systems, *AJ*, 147, 85
- Rigopoulou, D., Hopwood, R., Magdis, G.E., Thatte, N., Swinyard, B.M., Farrah, D., Huang, J.-S., Alonso-Herrero, A., Bock, J.J., Clements, D., Cooray, A., Griffin, M.J., Oliver, S., Pearson, C., Riechers, D., Scott, D., Smith, A., Vaccari, M., Valtchanov, I., Wang, L., 2014, Herschel Observations of Far-infrared Cooling Lines in Intermediate Redshift (Ultra)-luminous Infrared Galaxies, *ApJ*, 781, L15
- Ripepi, V., Cignoni, M., Tosi, M., Marconi, M., Musella, I., Grado, A., Limatola, L., Clementini, G., Brocato, E., Cantiello, M., Capaccioli, M., Cappellaro, E., Cioni, M.-R.L., Cusano, F., Dall'Ora, M., Gallagher, J.S., Grebel, E.K., Nota, A., Palla, F., Romano, D., Raimondo, G., Sabbi, E., Getman, F., Napolitano, N.R., Schipani, P., Zaggia, S., 2014, STEP: the VST survey of the SMC and the Magellanic Bridge - I. Overview and first results, *MNRAS*, 442, 1897
- Ripepi, V., Marconi, M., Moretti, M.I., Clementini, G., Cioni, M.-R.L., de Grijs, R., Emerson, J.P., Groenewegen, M.A.T., Ivanov, V.D., Oliveira, J.M., 2014, The VMC Survey - VIII. First results for anomalous Cepheids, *MNRAS*, 437, 2307
- Robertson, P. & Mahadevan, S. 2014, Disentangling Planets and Stellar Activity for Gliese 667C, *ApJ*, 793, L24
- Robotham, A.S.G., Driver, S.P., Davies, L.J.M., Hopkins, A.M., Baldry, I.K., Agius, N.K., Bauer, A.E., Bland-Hawthorn, J., Brough, S., Brown, M.J.I., Cluver, M., De Propriis, R., Drinkwater, M.J., Holwerda, B.W., Kelvin, L.S., Lara-Lopez, M.A., Liske, J., López-Sánchez, Á.R., Loveday, J., Mahajan, S., McNaught-Roberts, T., Moffett, A., Norberg, P., Obreschkow, D., Owers, M.S., Penny, S.J., Pimblett, K., Prescott, M., Taylor, E.N., van Kampen, E. & Wilkins, S.M. 2014, Galaxy And Mass Assembly (GAMA): galaxy close pairs, mergers and the future fate of stellar mass, *MNRAS*, 444, 3986
- Rodney, S.A., Riess, A.G., Strolger, L.-G., Dahlen, T., Graur, O., Casertano, S., Dickinson, M.E., Ferguson, H.C., Garnavich, P., Hayden, B., Jha, S.W., Jones, D.O., Kirshner, R.P., Koekemoer, S.A., McCully, C., Mobasher, B., Patel, B., Weiner, B.J., Cenko, S.B., Clubb, K.I., Cooper, M., Filippenko, A.V., Frederiksen, T.F., Hjorth, J., Leibundgut, B., Matheson, T., Nayyeri, H., Penner, K., Trump, J., Silverman, J.M., U, V., Azalee Bostroem, K., Challis, P., Rajan, A., Wolff, S., Faber, S.M., Grogin, N.A., Kocevski, D. 2014, Type Ia Supernova Rate Measurements to Redshift 2.5 from CANDELS: Searching for Prompt Explosions in the Early Universe, *AJ*, 148, 13
- Rodríguez Del Pino, B., Bamford, S.P., Aragón-Salamanca, A., Milvang-Jensen, B., Merrifield, M.R. & Balcells, M. 2014, Caught in the act: cluster 'k+a' galaxies as a link between spirals and S0s, *MNRAS*, 438, 1038
- Rodríguez, D.R., Zuckerman, B., Faherty, J.K. & Vican, L. 2014, A dusty M5 binary in the β Pictoris moving group, *A&A*, 567, A20
- Rodríguez, Ó., Clocchiatti, A. & Hamuy, M. 2014, Photospheric Magnitude Diagrams for Type II Supernovae: A Promising Tool to Compute Distances, *AJ*, 148, 107
- Roederer, I.U., Jacobson, H.R., Thanathibodee, T., Frebel, A. & Toller, E. 2014, Detection of Neutral Phosphorus in the Near-ultraviolet Spectra of Late-type Stars, *ApJ*, 797, 69
- Rogers, A.B., McLure, R.J., Dunlop, J.S., Bowler, R.A.A., Curtis-Lake, E.F., Dayal, P., Faber, S.M., Ferguson, H.C., Finkelstein, S.L., Grogin, N.A., Hatthi, N.P., Kocevski, D., Koekemoer, A.M. & Kurczynski, P. 2014, The colour distribution of galaxies at redshift five, *MNRAS*, 440, 3714
- Rojas-Arriagada, A., Recio-Blanco, A., Hill, V., de Laverny, P., Schultheis, M., Babusiaux, C., Zoccali, M., Minniti, D., Gonzalez, O.A., Feltzing, S., Gilmore, G., Randich, S., Vallenari, A., Alfaro, E.J., Bensby, T., Bragaglia, A., Flaccomio, E., Lanzafame, A.C., Pancino, E., Smiljanic, R., Bergemann, M., Costado, M.T., Damiani, F., Hourihane, A., Jofré, P., Lardo, C., Magrini, L., Maiorca, E., Morbidelli, L., Sbordone, L., Worley, C.C., Zaggia, S. & Wyse, R. 2014, The Gaia-ESO Survey: metallicity and kinematic trends in the Milky Way bulge, *A&A*, 569, A103
- Rojas-Ayala, B., Iglesias, D., Minniti, D., Saito, R.K. & Surot, F. 2014, M dwarfs in the b201 tile of the VVV survey. Colour-based selection, spectral types and light curves, *A&A*, 571, A36
- Rossi, A., Piranomonte, S., Savaglio, S., Palazzi, E., Michałowski, M.J., Klose, S., Hunt, L.K., Amati, L., Elliott, J., Greiner, J., Guidorzi, C., Japelj, J., Kann, D.A., Lo Faro, B., Nicuesa Guelbenzu, A., Schulze, S., Vergani, S.D., Arnold, L.A., Covino, S., D'Elia, V., Ferrero, P., Filgas, R., Goldoni, P., Küpcü Yıldız, A., Le Borgne, D., Pian, E., Schady, P. & Stratta, G. 2014, A quiescent galaxy at the position of the long GRB 050219A, *A&A*, 572, A47

- Rousselot, P., Pirali, O., Jehin, E., Vervloet, M., Hutsemékers, D., Manfroid, J., Cordier, D., Martin-Drumel, M.-A., Gruet, S., Arpigny, C., Decock, A., Mousis, O., 2014, Toward a Unique Nitrogen Isotopic Ratio in Cometary Ices, *ApJ*, 780, L17
- Rubin, K.H.R., Prochaska, J.X., Koo, D.C., Phillips, A.C., Martin, C.L. & Winstrom, L.O. 2014, Evidence for Ubiquitous Collimated Galactic-scale Outflows along the Star-forming Sequence at $z \sim 0.5$, *ApJ*, 794, 156
- Ruel, J., Bazin, G., Bayliss, M., Brodwin, M., Foley, R.J., Stalder, B., Aird, K.A., Armstrong, R., Ashby, M.L.N., Bautz, M., Benson, B.A., Bleem, L.E., Bocquet, S., Carlstrom, J.E., Chang, C.L., Chapman, S.C., Cho, H.M., Clochiatti, A., Crawford, T.M., Crites, A.T., de Haan, T., Desai, S., Dobbs, M.A., Dudley, J.P., Forman, W.R., George, E.M., Gladders, M.D., Gonzalez, A.H., Halverson, N.W., Harrington, N.L., High, F.W., Holder, G.P., Holzappel, W.L., Hrubes, J.D., Jones, C., Joy, M., Keisler, R., Knox, L., Lee, A.T., Leitch, E.M., Liu, J., Lueker, M., Luong-Van, D., Mantz, A., Marrone, D.P., McDonald, M., McMahon, J.J., Mehl, J., Meyer, S.S., Mocuano, L., Mohr, J.J., Montroy, T.E., Murray, S.S., Natoli, T., Nurgaliev, D., Padin, S., Plagge, T., Pryke, C., Reichardt, C.L., Rest, A., Ruhl, J.E., Saliwanchik, B.R., Saro, A., Sayre, J.T., Schaffer, K.K., Shaw, L., Shirokoff, E., Song, J., Šuhada, R., Spieler, H.G., Stanford, S.A., Staniszewski, Z., Starsk, A.A., Story, K., Stubbs, C.W., van Engelen, A., Vanderlinde, K., Vieira, J.D., Vikhlinin, A., Williamson, R., Zahn, O. & Zenteno, A. 2014, Optical Spectroscopy and Velocity Dispersions of Galaxy Clusters from the SPT-SZ Survey, *ApJ*, 792, 45
- Russell, T.D., Soria, R., Miller-Jones, J.C.A., Curran, P.A., Markoff, S., Russell, D.M. & Sivakoff, G.R. 2014, The accretion-ejection coupling in the black hole candidate X-ray binary MAXI J1836-194, *MNRAS*, 439, 1390
- Russell, T.D., Soria, R., Motch, C., Pakull, M.W., Torres, M.A.P., Curran, P.A., Jonker, P.G. & Miller-Jones, J.C.A. 2014, The face-on disc of MAXI J1836-194, *MNRAS*, 439, 1381
- Rutkowski, M.J., Jeong, H., Cohen, S.H., Kaviraj, S., Windhorst, R.A., Ryan, R.E.J., Koekemoer, A., Yi, S.K., Hathi, N.P. & Dopita, M.A. 2014, Early-type Galaxies at Intermediate Redshift Observed with Hubble Space Telescope WFC3: Perspectives on Recent Star Formation, *ApJ*, 796, 101
- Ryan, R.E.J., Gonzalez, A.H., Lemaux, B.C., Bradač, M., Casertano, S., Allen, S., Cain, B., Gladders, M., Hall, N., Hildebrandt, H., Hinz, J., Huang, K.-H., Lubin, L., Schrabback, T., Stiavelli, M., Treu, T., von der Linden, A., Zaritsky, D., 2014, Measuring the Stellar Masses of $z \sim 7$ Galaxies with the Spitzer UltraFaint Survey Program (SURFSP), *ApJ*, 786, L4
- Ryon, J.E., Adamo, A., Bastian, N., Smith, L.J., Gallagher, J.S.I., Konstantopoulos, I.S., Larsen, S., Silva-Villa, E. & Zackrisson, E. 2014, The Snapshot Hubble U-Band Cluster Survey (SHUCS). II. The Star Cluster Population of NGC 2997, *AJ*, 148, 33
- Sabín-Sanjulián, C., Simón-Díaz, S., Herrero, A., Walborn, N.R., Puls, J., Maíz Apellániz, J., Evans, C.J., Brott, I., de Koter, A., García, M., Markova, N., Najjarro, F., Ramírez-Agudelo, O.H., Sana, H., Taylor, W.D. & Vink, J.S. 2014, The VLT-FLAMES Tarantula Survey. XIII: On the nature of O Vz stars in 30 Doradus, *A&A*, 564, A39
- Sacco, G.G., Kastner, J.H., Forveille, T., Principe, D., Montez, R., Zuckerman, B. & Hily-Blant, P. 2014, Molecules in the transition disk orbiting T Chamaeleontis, *A&A*, 561, A42
- Sacco, G.G., Morbidelli, L., Franciosini, E., Maiorca, E., Randich, S., Modigliani, A., Gilmore, G., Asplund, M., Binney, J., Bonifacio, P., Drew, J., Feltzing, S., Ferguson, A., Jeffries, R., Micela, G., Negueruela, I., Prusti, T., Rix, H.-W., Vallenari, A., Alfaro, E., Allende Prieto, C., Babusiaux, C., Bensby, T., Blomme, R., Bragaglia, A., Flaccomio, E., Francois, P., Hambly, N., Irwin, M., Koposov, S., Korn, A., Lanzafame, A., Pancino, E., Recio-Blanco, A., Smljanić, R., Van Eck, S., Walton, N., Bergemann, M., Costado, M.T., de Laverny, P., Heiter, U., Hill, V., Hourihane, A., Jackson, R., Jofre, P., Lewis, J., Lind, K., Lardo, C., Magrini, L., Masseron, T., Prisinzano, L., Worley, C., 2014, The Gaia-ESO Survey: processing FLAMES-UVES spectra, *A&A*, 565, A113
- Saffe, C. & Levato, H. 2014, On the nature of sn stars. I. A detailed abundance study, *A&A*, 562, A128
- Sahlmann, J., Lazorenko, P.F., Ségransan, D., Martín, E.L., Mayor, M., Queloz, D. & Udry, S. 2014, Astrometric planet search around southern ultracool dwarfs. I. First results, including parallaxes of 20 M8-L2 dwarfs, *A&A*, 565, A20
- Sakamoto, K., Aalto, S., Combes, F., Evans, A. & Peck, A. 2014, An Infrared-luminous Merger with Two Bipolar Molecular Outflows: ALMA and SMA Observations of NGC 3256, *ApJ*, 797, 90
- Sales Silva, J.V., Peña Suárez, V.J., Katime Santrich, O.J., Pereira, C.B., Drake, N.A. & Roig, F. 2014, High-resolution Spectroscopic Observations of Binary Stars and Yellow Stragglers in Three Open Clusters : NGC 2360, NGC 3680, and NGC 5822, *AJ*, 148, 83
- Sana, H., Le Bouquin, J.-B., Lacour, S., Berger, J.-P., Duvert, G., Gauchet, L., Norris, B., Olofsson, J., Pickel, D., Zins, G., Absil, O., de Koter, A., Kratter, K., Schnurr, O., Zinnecker, H., 2014, Southern Massive Stars at High Angular Resolution: Observational Campaign and Companion Detection, *ApJS*, 215, 15
- Sánchez, C., Carrasco Kind, M., Lin, H., Miquel, R., Abdalla, F.B., Amara, A., Banerji, M., Bonnett, C., Brunner, R., Capozzi, D., Carnero, A., Castander, F.J., da Costa, L.A.N., Cunha, C., Fausti, A., Gerdes, D., Greisel, N., Gschwend, J., Hartley, W., Jouvel, S., Lahav, O., Lima, M., Maia, M.A.G., Martí, P., Ogando, R.L.C., Ostrovski, F., Pellegrini, P., Rau, M.M., Sadeh, I., Seitz, S., Sevilla-Noarbe, I., Sypniewski, A., de Vicente, J., Abbot, T., Allam, S.S., Atlee, D., Bernstein, G., Bernstein, J.P., Buckley-Geer, E., Burke, D., Childress, M.J., Davis, T., DePoy, D.L., Dey, A., Desai, S., Diehl, H.T., Doel, P., Estrada, J., Evrard, A., Fernández, E., Finley, D., Flaugh, B., Frieman, J., Gaztanaga, E., Glazebrook, K., Honscheid, K., Kim, A., Kuehn, K., Kuropatkin, N., Lidman, C., Makler, M., Marshall, J.L., Nichol, R.C., Roodman, A., Sánchez, E., Santiago, B.X., Sako, M., Scalzo, R., Smith, R.C., Swanson, M.E.C., Tarle, G., Thomas, D., Tucker, D.L., Uddin, S.A., Valdés, F., Walker, A., Yuan, F. & Zuntz, J. 2014, Photometric redshift analysis in the Dark Energy Survey Science Verification data, *MNRAS*, 445, 1482
- Sanchez-Bermudez, J., Schödel, R., Alberdi, A., Muzić, K., Hummel, C.A. & Pott, J.-U., 2014, Properties of bow-shock sources at the Galactic center, *A&A*, 567, A21
- Sanchez-Bermudez, J., Alberdi, A., Schödel, R., Hummel, C.A., Arias, J.I., Barbá, R.H., Maíz Apellániz, J. & Pott, J.-U., 2014, Resolving the stellar components of the massive multiple system Herschel 36 with AMBER/VLTI, *A&A*, 572, L1
- Sánchez-Monge, Á., Beltrán, M.T., Cesaroni, R., Etoke, S., Galli, D., Kumar, M.S.N., Moscadelli, L., Stanke, T., van der Tak, F.F.S., Vig, S., Walmsley, C.M., Wang, K.-S., Zinnecker, H., Elia, D., Molinari, S., Schisano, E., 2014, A necklace of dense cores in the high-mass star forming region G35.20-0.74 N: ALMA observations, *A&A*, 569, A11
- Sanna, A., Cesaroni, R., Moscadelli, L., Zhang, Q., Menten, K.M., Molinari, S., Garatti, A.C.o. & De Buizer, J.M. 2014, A subarcsecond study of the hot molecular core in G023.01-00.41, *A&A*, 565, A34
- Sanna, N., Dalessandro, E., Ferraro, F.R., Lanzoni, B., Mocchi, P. & O'Connell, R.W. 2014, The WFC2 Ultraviolet Survey: The Blue Straggler Population in NGC 5824, *ApJ*, 780, 90
- Santangelo, G., Antonucci, S., Nisini, B., Codella, C., Bjerkeli, P., Giannini, T., Lorenzani, A., Lundin, L.K., Cabrit, S., Calzoletti, L., Liseau, R., Neufeld, D., Tafalla, M. & van Dishoeck, E.F. 2014,

- First spectrally-resolved H2 observations towards HH 54 . Low H2O abundance in shocks, *A&A*, 569, L8
- Santini, P., Maiolino, R., Magnelli, B., Lutz, D., Lamastra, A., Li Causi, G., Eales, S., Andreani, P., Berta, S., Buat, V., Cooray, A., Cresci, G., Daddi, E., Farrah, D., Fontana, A., Franceschini, A., Genzel, R., Granato, G., Grazian, A., Le Floch, E., Magdis, G., Magliocchetti, M., Mannucci, F., Menci, N., Nordon, R., Oliver, S., Popesso, P., Pozzi, F., Riguccini, L., Rodighiero, G., Rosario, D.J., Salvato, M., Scott, D., Silva, L., Tacconi, L., Viero, M., Wang, L., Wuyts, S. & Xu, K. 2014, The evolution of the dust and gas content in galaxies, *A&A*, 562, A30
- Santos, N.C., Mortier, A., Faria, J.P., Dumusque, X., Adibekyan, V.Z., Delgado-Mena, E., Figueira, P., Benamati, L., Boisse, I., Cunha, D., Gomes da Silva, J., Lo Curto, G., Lovis, C., Martins, J.H.C., Mayor, M., Melo, C., Oshagh, M., Pepe, F., Queloz, D., Santerne, A., Ségransan, D., Sozzetti, A., Sousa, S.G. & Udry, S. 2014, The HARPS search for southern extra-solar planets. XXXV. The interesting case of HD 41248: stellar activity, no planets?, *A&A*, 566, A35
- Sbordone, L., Caffau, E., Bonifacio, P. & Duffau, S. 2014, MyGIsFOS: an automated code for parameter determination and detailed abundance analysis in cool stars, *A&A*, 564, A109
- Scalzo, R.A., Childress, M., Tucker, B., Yuan, F., Schmidt, B., Brown, P.J., Contreras, C., Morrell, N., Hsiao, E., Burns, C., Phillips, M.M., Campillay, A., Gonzalez, C., Krisciunas, K., Stritzinger, M., Graham, M.L., Parrent, J., Valenti, S., Lidman, C., Schaefer, B., Scott, N., Fraser, M., Gal-Yam, A., Inserra, C., Maguire, K., Smartt, S.J., Sollerman, J., Sullivan, M., Taddia, F., Yaron, O., Young, D.R., Taubenberger, S., Baltay, C., Ellman, N., Feindt, U., Hadjiyska, E., McKinnon, R., Nugent, P.E., Rabinowitz, D. & Walker, E.S. 2014, Early ultraviolet emission in the Type Ia supernova LSQ12gdj: No evidence for ongoing shock interaction, *MNRAS*, 445, 30
- Schafferoth, V., Classen, L., Nagel, K., Geier, S., Koen, C., Heber, U. & Edelmann, H. 2014, Two candidate brown dwarf companions around core helium-burning stars, *A&A*, 570, A70
- Schenker, M.A., Ellis, R.S., Konidaris, N.P. & Stark, D.P. 2014, Line-emitting Galaxies beyond a Redshift of 7: An Improved Method for Estimating the Evolving Neutrality of the Intergalactic Medium, *ApJ*, 795, 20
- Schlieder, J.E., Bonnefoy, M., Herbst, T.M., Lépine, S., Berger, E., Henning, T., Skemer, A., Chauvin, G., Rice, E., Biller, B., Girard, J.H.V., Lagrange, A.-M., Hinz, P., Defrère, D., Bergfors, C., Brandner, W., Lacour, S., Skrutskie, M., Leisenring, J., 2014, Characterization of the Benchmark Binary NLTT 33370, *ApJ*, 783, 27
- Schmidt, M.R., Krelowski, J., Galazutdinov, G.A., Zhao, D., Haddad, M.A., Ubachs, W. & Linnartz, H. 2014, Detection of vibronic bands of C3 in a translucent cloud towards HD 169454, *MNRAS*, 441, 1134
- Schmidt, T.O.B., Mugrauer, M., Neuhäuser, R., Vogt, N., Witte, S., Hauschildt, P.H., Helling, C. & Seifahrt, A. 2014, First spectroscopic observations of the substellar companion of the young debris disk star PZ Telescopii, *A&A*, 566, A85
- Schneider, F.R.N., Izzard, R.G., de Mink, S.E., Langer, N., Stolte, A., de Koter, A., Gvaramadze, V.V., Hußmann, B., Liermann, A. & Sana, H. 2014, Ages of Young Star Clusters, Massive Blue Stragglers, and the Upper Mass Limit of Stars: Analyzing Age-dependent Stellar Mass Functions, *ApJ*, 780, 117
- Schönberner, D., Jacob, R., Lehmann, H., Hildebrandt, G., Steffen, M., Zwanzig, A., Sandin, C. & Corradi, R.L.M. 2014, A hydrodynamical study of multiple-shell planetary nebulae. III. Expansion properties and internal kinematics: Theory versus observation, *AN*, 335, 378
- Schönebeck, F., Puzia, T.H., Pasquali, A., Grebel, E.K., Kissler-Patig, M., Kuntschner, H., Lyubenova, M. & Perina, S. 2014, The Panchromatic High-Resolution Spectroscopic Survey of Local Group Star Clusters. I. General data reduction procedures for the VLT/X-shooter UVB and VIS arm, *A&A*, 572, A13
- Schönrich, R. & Bergemann, M. 2014, Fundamental stellar parameters and metallicities from Bayesian spectroscopy: application to low- and high-resolution spectra, *MNRAS*, 443, 698
- Schultheis, M., Chen, B.Q., Jiang, B.W., Gonzalez, O.A., Enokiya, R., Fukui, Y., Torii, K., Rejkuba, M. & Minniti, D. 2014, Mapping the Milky Way bulge at high resolution: the 3D dust extinction, CO, and X factor maps, *A&A*, 566, A120
- Schulze, S., Malesani, D., Cucchiara, A., Tanvir, N.R., Krühler, T., de Ugarte Postigo, A., Leloudas, G., Lyman, J., Bersier, D., Wiersema, K., Perley, D.A., Schady, P., Gorosabel, J., Anderson, J.P., Castro-Tirado, A.J., Cenko, S.B., De Cia, A., Ellerbroek, L.E., Fynbo, J.P.U., Greiner, J., Hjorth, J., Kann, D.A., Kaper, L., Klose, S., Levan, A.J., Martín, S., O'Brien, P.T., Page, K.L., Pignata, G., Rapaport, S., Sánchez-Ramírez, R., Sollerman, J., Smith, I.A., Sparre, M., Thöne, C.C., Watson, D.J., Xu, D., Bauer, F.E., Bayliss, M., Björnsson, G., Bremer, M., Cano, Z., Covino, S., D'Elia, V., Frail, D.A., Geier, S., Goldoni, P., Hartoog, O.E., Jakobsson, P., Korhonen, H., Lee, K.Y., Milvang-Jensen, B., Nardini, M., Nicuesa Guelbenzu, A., Oguri, M., Pandey, S.B., Petitpas, G., Rossi, A., Sandberg, A., Schmidt, S., Tagliaferri, G., Tilanus, R.P.J., Winters, J.M., Wright, D. & Wuyts, E. 2014, GRB 120422A/SN 2012bz: Bridging the gap between low- and high-luminosity gamma-ray bursts, *A&A*, 566, A102
- Schutz, A., Vannier, M., Mary, D., Ferrari, A., Millour, F. & Petrov, R. 2014, Statistical characterisation of polychromatic absolute and differential squared visibilities obtained from AMBER/VLTI instrument, *A&A*, 565, A88
- Shahbaz, T., Watson, C.A. & Dhillon, V.S. 2014, The spotty donor star in the X-ray transient Cen X-4, *MNRAS*, 440, 504
- Shirazi, M., Vegetti, S., Nesvadba, N., Allam, S., Brinchmann, J. & Tucker, D. 2014, The physical nature of the 8 o'clock arc based on near-IR IFU spectroscopy with SINFONI, *MNRAS*, 440, 2201
- Shulyak, D., Reiners, A., Seemann, U., Kochukhov, O. & Piskunov, N. 2014, Exploring the magnetic field complexity in M dwarfs at the boundary to full convection, *A&A*, 563, A35
- Siebenmorgen, R., Voshchinnikov, N.V. & Bagnulo, S. 2014, Dust in the diffuse interstellar medium. Extinction, emission, linear and circular polarisation, *A&A*, 561, A82
- Simón-Díaz, S., Herrero, A., Sabín-Sanjulián, C., Najarro, F., García, M., Puls, J., Castro, N. & Evans, C.J. 2014, The IACOB project. II. On the scatter of O-dwarf spectral type - effective temperature calibrations, *A&A*, 570, L6
- Simpson, J.M., Swinbank, A.M., Smail, I., Alexander, D.M., Brandt, W.N., Bertoldi, F., de Breuck, C., Chapman, S.C., Coppin, K.E.K., da Cunha, E., Danielson, A.L.R., Dannerbauer, H., Greve, T.R., Hodge, J.A., Ivison, R.J., Karim, A., Knudsen, K.K., Poggianti, B.M., Schinnerer, E., Thomson, A.P., Walter, F., Wardlow, J.L., Weiß, A. & van der Werf, P.P. 2014, An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field South: The Redshift Distribution and Evolution of Submillimeter Galaxies, *ApJ*, 788, 125
- Simunovic, M. & Puzia, T.H. 2014, Blue Straggler Star Populations in Globular Clusters. I. Dynamical Properties of Blue Straggler Stars in NGC 3201, NGC 6218, and ω Centauri, *ApJ*, 782, 49
- Singh, V., Beelen, A., Wadadekar, Y., Sirothia, S., Ishwara-Chandra, C.H., Basu, A., Omont, A., McAlpine, K., Ivison, R.J., Oliver, S., Farrah, D. & Lacy, M. 2014, Multiwavelength characterization of faint ultra steep spectrum radio sources: A search for high-redshift radio galaxies, *A&A*, 569, A52
- Siqueira Mello, C., Hill, V., Barbuy, B., Spite, M., Spite, F., Beers, T.C., Caffau, E., Bonifacio, P., Cayrel, R., François, P., Schatz, H. & Wanajo, S. 2014, High-resolution abundance analysis of very metal-poor r-I stars, *A&A*, 565, A93

- Skelton, R.E., Whitaker, K.E., Momcheva, I.G., Brammer, G.B., van Dokkum, P.G., Labbé, I., Franx, M., van der Wel, A., Bezanson, R., Da Cunha, E., Fumagalli, M., Förster Schreiber, N., Kriek, M., Leja, J., Lundgren, B.F., Magee, D., Marcesini, D., Maseda, M.V., Nelson, E.J., Oesch, P., Pacifici, C., Patel, S.G., Price, S., Rix, H.-W., Tal, T., Wake, D.A., Wuyts, S., 2014, 3D-HST WFC3-selected Photometric Catalogs in the Five CANDELS/3D-HST Fields: Photometry, Photometric Redshifts, and Stellar Masses, *ApJS*, 214, 24
- Sklas, P., Zamojski, M., Schaerer, D., Dessauges-Zavadsky, M., Egami, E., Rex, M., Rawle, T., Richard, J., Boone, F., Simpson, J.M., Smail, I., van der Werf, P., Altieri, B. & Kneib, J.P. 2014, Star formation histories, extinction, and dust properties of strongly lensed $z \sim 1.5$ -3 star-forming galaxies from the Herschel Lensing Survey, *A&A*, 561, A149
- Sliwa, K., Wilson, C.D., Iono, D., Peck, A. & Matsushita, S. 2014, Around the Ring We Go: The Cold, Dense Ring of Molecular Gas in NGC 1614, *ApJ*, 796, L15
- Smail, I., Geach, J.E., Swinbank, A.M., Tadaki, K., Arumugam, V., Hartley, W., Almaini, O., Bremer, M.N., Chapin, E., Chapman, S.C., Danielson, A.L.R., Edge, A.C., Scott, D., Simpson, C.J., Simpson, J.M., Conselice, C., Dunlop, J.S., Ivison, R.J., Karim, A., Kodama, T., Mortlock, A., Robson, E.I., Roseboom, I., Thomson, A.P., van der Werf, P.P. & Webb, T.M.A. 2014, The SCUBA-2 Cosmology Legacy Survey: Ultraluminous Star-forming Galaxies in a $z = 1.6$ Cluster, *ApJ*, 782, 19
- Smajić, S., Moser, L., Eckart, A., Valencia-S., M., Combes, F., Horrobin, M., García-Burillo, S., García-Marín, M., Fischer, S. & Zuther, J. 2014, ALMA-backed NIR high resolution integral field spectroscopy of the NUGA galaxy NGC 1433, *A&A*, 567, A119
- Smiljanic, R., Korn, A.J., Bergemann, M., Frasca, A., Magrini, L., Masseron, T., Pancino, E., Ruchti, G., San Roman, I., Sbordonc, L., Sousa, S.G., Tabernero, H., Tautvaišienė, G., Valentini, M., Weber, M., Worley, C.C., Adibekyan, V.Z., Allende Prieto, C., Barisevičius, G., Biazzo, K., Blanco-Cuaresma, S., Bonifacio, P., Bragaglia, A., Caffau, E., Cantat-Gaudin, T., Chorniy, Y., de Laverny, P., Delgado-Mena, E., Donati, P., Duffau, S., Franciosini, E., Friel, E., Geisler, D., González Hernández, J.I., Gruyters, P., Guiglion, G., Hansen, C.J., Heiter, U., Hill, V., Jacobson, H.R., Jofre, P., Jönsson, H., Lanzafame, A.C., Lardo, C., Ludwig, H.-G., Maiorca, E., Mikolaitis, Š., Montes, D., Morel, T., Mucciarelli, A., Muñoz, C., Nordlander, T., Pasquini, L., Puzeras, E., Recio-Blanco, A., Ryde, N., Sacco, G., Santos, N.C., Serenelli, A.M., Sordo, R., Soubiran, C., Spina, L., Steffen, M., Vallenari, A., Van Eck, S., Villanova, S., Gilmore, G., Randich, S., Asplund, M., Binney, J., Drew, J., Feltzing, S., Ferguson, A., Jeffries, R., Micela, G., Negueruela, I., Prusti, T., Rix, H.-W., Alfaro, E., Babusiaux, C., Bensby, T., Blomme, R., Flaccomio, E., François, P., Irwin, M., Koposov, S., Walton, N., Bayo, A., Carraro, G., Costado, M.T., Damiani, F., Edvardsson, B., Hourihane, A., Jackson, R., Lewis, J., Lind, K., Marconi, G., Martayan, C., Monaco, L., Morbidelli, L., Prisinzano, L., Zaggia, S., 2014, The Gaia-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars, *A&A*, 570, A122
- Smith, C.L., Zijlstra, A.A. & Dinerstein, H.L. 2014, Zinc abundances of planetary nebulae, *MNRAS*, 441, 3161
- Smoker, J., Ledoux, C., Jehin, E., Keenan, F.P., Kennedy, M., Cabanac, R. & Melo, C. 2014, Early-type stars observed in the ESO UVES Paranal Observatory Project - IV. Studies of CN, CH+ and CH in the interstellar medium, *MNRAS*, 438, 1127
- Snellen, I.A.G., Brandl, B.R., de Kok, R.J., Brogi, M., Birkby, J. & Schwarz, H. 2014, Fast spin of the young extrasolar planet β Pictoris b, *Nature*, 509, 63
- Solin, O., Haikala, L. & Ukkonen, E. 2014, Mining the VVV: star formation and embedded clusters, *A&A*, 562, A115
- Sollima, A., Carretta, E., D'Orazi, V., Gratton, R.G., Bragaglia, A. & Lucatello, S. 2014, Spectroscopy of red giants in the globular cluster Terzan 8: kinematics and evidence for the surrounding Sagittarius stream, *MNRAS*, 443, 1425
- Sommariva, V., Fontana, A., Lamastra, A., Santini, P., Dunlop, J.S., Nonino, M., Castellano, M., Ferguson, H., McLure, R.J., Galametz, A., Gialvalisco, M., Grazian, A., Lu, Y., Menci, N., Merson, A., Paris, D., Pentericci, L., Somerville, R., Targett, T. & Koekemoer, A.M. 2014, A mass threshold in the number density of passive galaxies at $z \sim 2$, *A&A*, 571, A99
- Song, M., Finkelstein, S.L., Gebhardt, K., Hill, G.J., Drory, N., Ashby, M.L.N., Blanc, G.A., Bridge, J., Chonis, T., Ciardullo, R., Fabricius, M., Fazio, G.G., Gawiser, E., Gronwall, C., Hagen, A., Huang, J.-S., Jogee, S., Livermore, R., Salmon, B., Schneider, D.P., Willner, S.P., Zeimann, G.R., 2014, The HETDEX Pilot Survey. V. The Physical Origin of Ly α Emitters Probed by Near-infrared Spectroscopy, *ApJ*, 791, 3
- Sparks, W.B., Pringle, J.E., Carswell, R.F., Voit, G.M., Donahue, M., Cracraft, M., Meyer, E.T., Hough, J.H. & Manset, N. 2014, Polarization Diagnostics for Cool Core Cluster Emission Lines, *ApJ*, 780, 66
- Sparre, M., Hartoog, O.E., Krühler, T., Fynbo, J.P.U., Watson, D.J., Wiersema, K., D'Elia, V., Zafar, T., Afonso, P.M.J., Covino, S., de Ugarte Postigo, A., Flores, H., Goldoni, P., Greiner, J., Hjorth, J., Jakobsson, P., Kaper, L., Klose, S., Levan, A.J., Malesani, D., Milvang-Jensen, B., Nardini, M., Piranomonte, S., Sollerman, J., Sánchez-Ramírez, R., Schulze, S., Tanvir, N.R., Vergani, S.D. & Wijers, R.A.M.J. 2014, The Metallicity and Dust Content of a Redshift 5 Gamma-Ray Burst Host Galaxy, *ApJ*, 785, 150
- Spilker, J.S., Marrone, D.P., Aguirre, J.E., Aravena, M., Ashby, M.L.N., Béthermin, M., Bradford, C.M., Bothwell, M.S., Brodwin, M., Carlstrom, J.E., Chapman, S.C., Crawford, T.M., de Breuck, C., Fasnacht, C.D., Gonzalez, A.H., Greve, T.R., Gullberg, B., Hezaveh, Y., Holzapfel, W.L., Husband, K., Ma, J., Malkan, M., Murphy, E.J., Reichardt, C.L., Rotermund, K.M., Stalder, B., Stark, A.A., Strandet, M., Vieira, J.D., Weiß, A. & Weilkala, N. 2014, The Rest-frame Submillimeter Spectrum of High-redshift, Dusty, Star-forming Galaxies, *ApJ*, 785, 149
- Spina, L., Randich, S., Palla, F., Biazzo, K., Sacco, G.G., Alfaro, E.J., Franciosini, E., Magrini, L., Morbidelli, L., Frasca, A., Adibekyan, V., Delgado-Mena, E., Sousa, S.G., González Hernández, J.I., Montes, D., Tabernero, H., Tautvaišienė, G., Bonito, R., Lanzafame, A.C., Gilmore, G., Jeffries, R.D., Vallenari, A., Bensby, T., Bragaglia, A., Flaccomio, E., Korn, A.J., Pancino, E., Recio-Blanco, A., Smiljanic, R., Bergemann, M., Costado, M.T., Damiani, F., Hill, V., Hourihane, A., Jofré, P., de Laverny, P., Lardo, C., Masseron, T., Prisinzano, L. & Worley, C.C. 2014, The Gaia-ESO Survey: Metallicity of the Chamaeleon I star-forming region, *A&A*, 568, A2
- Spina, L., Randich, S., Palla, F., Sacco, G.G., Magrini, L., Franciosini, E., Morbidelli, L., Prisinzano, L., Alfaro, E.J., Biazzo, K., Frasca, A., González Hernández, J.I., Sousa, S.G., Adibekyan, V., Delgado-Mena, E., Montes, D., Tabernero, H., Klutsch, A., Gilmore, G., Feltzing, S., Jeffries, R.D., Micela, G., Vallenari, A., Bensby, T., Bragaglia, A., Flaccomio, E., Koposov, S., Lanzafame, A.C., Pancino, E., Recio-Blanco, A., Smiljanic, R., Costado, M.T., Damiani, F., Hill, V., Hourihane, A., Jofré, P., de Laverny, P., Masseron, T. & Worley, C. 2014, The Gaia-ESO Survey: the first abundance determination of the pre-main-sequence cluster gamma Velorum, *A&A*, 567, A55
- Spiro, S., Pastorello, A., Pumo, M.L., Zampieri, L., Turatto, M., Smartt, S.J., Benetti, S., Cappellaro, E., Valenti, S., Agnoletto, I., Altavilla, G., Aoki, T., Brocato, E., Corsini, E.M., Di Cianno, A., Elias-Rosa, N., Hamuy, M., Enya, K., Fiaschi, M., Folatelli, G., Desidera, S., Harutyunyan, A., Howell, D.A., Kawka, A., Kobayashi, Y., Leibundgut, B., Minezaki, T., Navasardyan, H., Nomoto, K., Mattila, S., Pietrinferni, A., Pignata, G., Raimondo, G., Salvo, M., Schmidt, B.P., Sollerman, J., Spyromilio, J., Taubenberger, S., Valentini, G., Vennes, S. & Yoshii, Y. 2014,

- Low luminosity Type II supernovae - II. Pointing towards moderate mass precursors, *MNRAS*, 439, 2873
- Spite, M., Spite, F., Bonifacio, P., Caffau, E., François, P. & Sbordone, L. 2014, The low Sr/Ba ratio on some extremely metal-poor stars, *A&A*, 571, A40
- Spoto, F., Milani, A., Farnocchia, D., Chesley, S.R., Micheli, M., Valsecchi, G.B., Perna, D. & Hainaut, O. 2014, Nongravitational perturbations and virtual impactors: the case of asteroid (410777) 2009 FD, *A&A*, 572, A100
- Stark, D.P., Richard, J., Siana, B., Charlot, S., Freeman, W.R., Gutkin, J., Wofford, A., Robertson, B., Amanullah, R., Watson, D. & Milvang-Jensen, B. 2014, Ultraviolet emission lines in young low-mass galaxies at $z \approx 2$: physical properties and implications for studies at $z > 7$, *MNRAS*, 445, 3200
- Starling, R.L.C., Done, C., Jin, C., Romero-Colmenero, E., Potter, S.B., Wiersema, K., Page, K.L., Page, M.J., Breeveld, A.A. & Lobban, A.P. 2014, The story of Seyfert galaxy RE J2248-511: from intriguingly ultrasoft to unremarkably average, *MNRAS*, 437, 3929
- Stauffer, J., Cody, A.M., Baglin, A., Alencar, S., Rebull, L., Hillenbrand, L.A., Venuti, L., Turner, N.J., Carpenter, J., Plavchan, P., Findeisen, K., Carey, S., Terebey, S., Morales-Calderón, M., Bouvier, J., Micela, G., Flaccomio, E., Song, I., Gutermuth, R., Hartmann, L., Calvet, N., Whitney, B., Barrado, D., Vrba, F.J., Covey, K., Herbst, W., Furesz, G., Aigrain, S. & Favata, F. 2014, CSI 2264: Characterizing Accretion-burst Dominated Light Curves for Young Stars in NGC 2264, *AJ*, 147, 83
- Steffen, M., Hubrig, S., Todt, H., Schöller, M., Hamann, W.-R., Sandin, C., Schönberner, D., 2014, Weak magnetic fields in central stars of planetary nebulae?, *A&A*, 570, A88
- Steffen, W., Teodoro, M., Madura, T.I., Groh, J.H., Gull, T.R., Mehner, A., Corcoran, M.F., Damineli, A. & Hamaguchi, K. 2014, The three-dimensional structure of the Eta Carinae Homunculus, *MNRAS*, 442, 3316
- Steiner, J.F., McClintock, J.E., Orosz, J.A., Buxton, M.M., Bailyn, C.D., Remillard, R.A. & Kara, E. 2014, Modeling the Optical-X-Ray Accretion Lag in LMC X-3: Insights into Black-hole Accretion Physics, *ApJ*, 783, 101
- Stephens, I.W., Evans, J.M., Xue, R., Chu, Y.-H., Gruendl, R.A., Segura-Cox, D.M., 2014, Spitzer Observations of Dust Emission from H II Regions in the Large Magellanic Cloud, *ApJ*, 784, 147
- Sternberg, A., Gal-Yam, A., Simon, J.D., Patat, F., Hillebrandt, W., Phillips, M.M., Foley, R.J., Thompson, I., Morrell, N., Chomiuk, L., Soderberg, A.M., Yong, D., Kraus, A.L., Herczeg, G.J., Hsiao, E.Y., Raskutti, S., Cohen, J.G., Mazzali, P.A. & Nomoto, K. 2014, Multi-epoch high-spectral-resolution observations of neutral sodium in 14 Type Ia supernovae, *MNRAS*, 443, 1849
- Stetson, P.B., Braga, V.F., Dall'Ora, M., Bono, G., Buonanno, R., Ferraro, I., Iannicola, G., Marengo, M. & Neeley, J. 2014, Optical and Near-Infrared UBVR_IJHK Photometry for the RR Lyrae Stars in the Nearby Globular Cluster M4 (NGC 6121), *PASP*, 126, 521
- Stetson, P.B., Fiorentino, G., Bono, G., Bernard, E.J., Monelli, M., Iannicola, G., Gallart, C. & Ferraro, I. 2014, Homogeneous Photometry VI: Variable Stars in the Leo I Dwarf Spheroidal Galaxy, *PASP*, 126, 616
- Stolte, A., Hußmann, B., Morris, M.R., Ghez, A.M., Brandner, W., Lu, J.R., Clarkson, W.I., Habibi, M. & Matthews, K. 2014, The Orbital Motion of the Quintuplet Cluster—A Common Origin for the Arches and Quintuplet Clusters?, *ApJ*, 789, 115
- Storey, P.J. & Sochi, T. 2014, The continuum emission spectrum of H δ 2-2 near the Balmer limit and the ORL versus CEL abundance and temperature discrepancy, *MNRAS*, 440, 2581
- Stott, J.P., Sobral, D., Swinbank, A.M., Smail, I., Bower, R., Best, P.N., Sharples, R.M., Geach, J.E. & Matthee, J. 2014, A relationship between specific star formation rate and metallicity gradient within $z \sim 1$ galaxies from KMOS-HiZELS, *MNRAS*, 443, 2695
- Straatman, C.M.S., Labbé, I., Spitler, L.R., Allen, R., Altieri, B., Brammer, G.B., Dickinson, M., van Dokkum, P., Inami, H., Glazebrook, K., Kacprzak, G.G., Kawinwanichakij, L., Kelson, D.D., McCarthy, P.J., Mehtens, N., Monson, A., Murphy, D., Papovich, C., Persson, S.E., Quadri, R., Rees, G., Tomczak, A., Tran, K.-V.H., Tilvi, V., 2014, A Substantial Population of Massive Quiescent Galaxies at $z \sim 4$ from ZFOURGE, *ApJ*, 783, L14
- Stritzinger, M.D., Hsiao, E., Valenti, S., Taddia, F., Rivera-Thorsen, T.J., Leloudas, G., Maeda, K., Pastorello, A., Phillips, M.M., Pignata, G., Baron, E., Burns, C.R., Contreras, C., Folatelli, G., Hamuy, M., Höflich, P., Morrell, N., Prieto, J.L., Benetti, S., Campillay, A., Haislip, J.B., LaClutze, A.P., Moore, J.P. & Reichart, D.E. 2014, Optical and near-IR observations of the faint and fast 2008ha-like supernova 2010ae, *A&A*, 561, A146
- Swinbank, A.M., Simpson, J.M., Smail, I., Harrison, C.M., Hodge, J.A., Karim, A., Walter, F., Alexander, D.M., Brandt, W.N., de Breuck, C., da Cunha, E., Chapman, S.C., Coppin, K.E.K., Danielson, A.L.R., Dannerbauer, H., Decarli, R., Greve, T.R., Ivison, R.J., Knudsen, K.K., Lagos, C.D.P., Schinnerer, E., Thomson, A.P., Wardlow, J.L., Weiß, A. & van der Werf, P. 2014, An ALMA survey of sub-millimetre Galaxies in the Extended Chandra Deep Field South: the far-infrared properties of SMGs, *MNRAS*, 438, 1267
- Syphers, D. & Shull, J.M. 2014, Hubble Space Telescope/Cosmic Origins Spectrograph Observations of the Quasar Q0302-003: Probing the He II Reionization Epoch and QSO Proximity Effects, *ApJ*, 784, 42
- Tackenberg, J., Beuther, H., Henning, T., Linz, H., Sakai, T., Ragan, S.E., Krause, O., Nielbock, M., Hennemann, M., Pitann, J. & Schmiedeke, A. 2014, Kinematic structure of massive star-forming regions. I. Accretion along filaments, *A&A*, 565, A101
- Tadhunter, C., Morganti, R., Rose, M., Oonk, J.B.R. & Oosterloo, T. 2014, Jet acceleration of the fast molecular outflows in the Seyfert galaxy IC 5063, *Nature*, 511, 440
- Tadhunter, C., Dicken, D., Morganti, R., Konyves, V., Ysard, N., Nesvadba, N. & Almeida, C.R. 2014, The dust masses of powerful radio galaxies: clues to the triggering of their activity, *MNRAS*, 445, L51
- Takáts, K., Pumo, M.L., Elias-Rosa, N., Pastorello, A., Pignata, G., Paillas, E., Zampieri, L., Anderson, J.P., Vinkó, J., Benetti, S., Botticella, M.-T., Bufano, F., Campillay, A., Cartier, R., Ergon, M., Folatelli, G., Foley, R.J., Förster, F., Hamuy, M., Hentunen, V.-P., Kankare, E., Leloudas, G., Morrell, N., Nissinen, M., Phillips, M.M., Smartt, S.J., Stritzinger, M., Taubenberger, S., Valenti, S., Van Dyk, S.D., Haislip, J.B., LaClutze, A.P., Moore, J.P., Reichart, D., 2014, SN 2009N: linking normal and subluminescent Type II-P SNe, *MNRAS*, 438, 368
- Tal, T., Dekel, A., Oesch, P., Muzzin, A., Brammer, G.B., van Dokkum, P.G., Franx, M., Illingworth, G.D., Leja, J., Magee, D., Marchesini, D., Momcheva, I., Nelson, E.J., Patel, S.G., Quadri, R.F., Rix, H.-W., Skelton, R.E., Wake, D.A., Whitaker, K.E., 2014, Observations of Environmental Quenching in Groups in the 11 Gyr since $z = 2.5$: Different Quenching for Central and Satellite Galaxies, *ApJ*, 789, 164
- Talia, M., Cimatti, A., Mignoli, M., Pozzetti, L., Renzini, A., Kurk, J. & Halliday, C. 2014, Listening to galaxies tuning at $z \sim 2.5-3.0$: The first strikes of the Hubble fork, *A&A*, 562, A113
- Tamburri, S., Saracco, P., Longhetti, M., Gargiulo, A., Lonoce, I. & Ciocca, F. 2014, The population of early-type galaxies: how it evolves with time and how it differs from passive and late-type galaxies, *A&A*, 570, A102
- Tang, Y., Giavalisco, M., Guo, Y. & Kurk, J. 2014, Probing Outflows in $z = 1 \sim 2$ Galaxies through Fe II/Fe II* Multiplets, *ApJ*, 793, 92

- Tappert, C., Vogt, N., Della Valle, M., Schmidtobreick, L. & Ederoclitte, A. 2014, Life after eruption - IV. Spectroscopy of 13 old novae, *MNRAS*, 442, 565
- Tasca, L.A.M., Le Fèvre, O., López-Sanjuan, C., Wang, P.-W., Cassata, P., Garilli, B., Ilbert, O., Le Brun, V., Lemaux, B.C., Maccagni, D., Tresse, L., Bardelli, S., Contini, T., Charlot, S., Cucciati, O., Fontana, A., Giavalisco, M., Kneib, J.-P., Salvato, M., Taniguchi, Y., Vergani, D., Zamorani, G., Zucca, E., 2014, Evidence for major mergers of galaxies at $2 \lesssim z < 4$ in the VUDS and VUDS surveys, *A&A*, 565, A10
- Tasca, L.A.M., Tresse, L., Le Fèvre, O., Ilbert, O., Lilly, S.J., Zamorani, G., López-Sanjuan, C., Ho, L.C., Bardelli, S., Cattaneo, A., Cucciati, O., Farrah, D., Iovino, A., Koekemoer, A.M., Liu, C.T., Massey, R., Renzini, A., Taniguchi, Y., Welikala, N., Zucca, E., Carollo, C.M., Contini, T., Kneib, J.-P., Mainieri, V., Scodreggio, M., Bolzonella, M., Bongiorno, A., Caputi, K., de la Torre, S., Franzetti, P., Garilli, B., Guzzo, L., Kampczyk, P., Knobel, C., Kovač, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Pello, R., Peng, Y., Perez Montero, E., Rich, R.M., Tanaka, M., Vergani, D., Bordoloi, R., Cappi, A., Cimatti, A., Coppa, G., McCracken, H.J., Moresco, M., Pozzetti, L., Sanders, D., Sheth, K., 2014, The zCOSMOS redshift survey: evolution of the light in bulges and discs since $z \sim 0.8$, *A&A*, 564, L12
- Taylor, M., Cinabro, D., Dilday, B., Galbany, L., Gupta, R.R., Kessler, R., Marriner, J., Nichol, R.C., Richmond, M., Schneider, D.P. & Sollerman, J. 2014, The Core Collapse Supernova Rate from the SDSS-II Supernova Survey, *ApJ*, 792, 135
- Taylor, W.D., Evans, C.J., Simón-Díaz, S., Sana, H., Langer, N., Smith, N. & Smartt, S.J. 2014, Sher 25: pulsating but apparently alone, *MNRAS*, 442, 1483
- Tejos, N., Morris, S.L., Finn, C.W., Crighton, N.H.M., Bechtold, J., Jannuzi, B.T., Schaye, J., Theuns, T., Altay, G., Le Fèvre, O., Ryan-Weber, E. & Davé, R. 2014, On the connection between the intergalactic medium and galaxies: the H I-galaxy cross-correlation at $z \lesssim 1$, *MNRAS*, 437, 2017
- Terlevich, R., Terlevich, E., Bosch, G., Díaz, Á., Hägele, G., Cardaci, M. & Firpo, V. 2014, High-velocity blueshifted Fe II absorption in the dwarf star-forming galaxy PHL 293B: evidence for a wind driven supershell?, *MNRAS*, 445, 1449
- Testor, G., Heydari-Malayeri, M., Chen, C.-H.R., Lemaire, J.L., Sewilo, M., Diana, S. 2014, Optical and infrared observations of the young SMC blob N26 and its environment, *A&A*, 564, A31
- Thalmann, C., Desidera, S., Bonavita, M., Janson, M., Usuda, T., Henning, T., Köhler, R., Carson, J., Boccaletti, A., Bergfors, C., Brandner, W., Feldt, M., Goto, M., Klahr, H., Marzari, F. & Mordasini, C. 2014, SPOTS: The Search for Planets Orbiting Two Stars. I. Survey description and first observations, *A&A*, 572, A91
- Thi, W.-F., Pinte, C., Pantin, E., Augereau, J.C., Meeus, G., Ménard, F., Martin-Zaidi, C., Woitke, P., Riviere-Marichalar, P., Kamp, I., Carmona, A., Sandell, G., Eiroa, C., Dent, W., Montesinos, B., Aresu, G., Meijerink, R., Spaans, M., White, G., Ardila, D., Lebreton, J. & Mendigutia, I. Brittain, S. 2014, Gas lines from the 5-Myr old optically thin disk around HD 141569A. Herschel observations and modeling, *A&A*, 561, A50
- Thomas, J., Saglia, R.P., Bender, R., Erwin, P. & Fabricius, M. 2014, The Dynamical Fingerprint of Core Scouring in Massive Elliptical Galaxies, *ApJ*, 782, 39
- Thomson, A.P., Ivison, R.J., Simpson, J.M., Swinbank, A.M., Smail, I., Arumugam, V., Alexander, D.M., Beelen, A., Brandt, W.N., Chandra, I., Dannerbauer, H., Greve, T.R., Hodge, J.A., Ibar, E., Karim, A., Murphy, E.J., Schinnerer, E., Sirothia, S., Walter, F., Wardlow, J.L. & van der Werf, P. 2014, An ALMA survey of submillimetre galaxies in the Extended Chandra Deep Field South: radio properties and the far-infrared/radio correlation, *MNRAS*, 442, 577
- Thöne, C.C., Christensen, L., Prochaska, J.X., Bloom, J.S., Gorosabel, J., Fynbo, J.P.U., Jakobsson, P. & Fruchter, A.S. 2014, The host of the SN-less GRB 060505 in high resolution, *MNRAS*, 441, 2034
- Thygesen, A.O., Sbordonone, L., Andrievsky, S., Korotin, S., Yong, D., Zaggia, S., Ludwig, H.-G., Collet, R., Asplund, M., Ventura, P., D'Antona, F., Meléndez, J., D'Ercole, A., 2014, The chemical composition of red giants in 47 Tucanae. I. Fundamental parameters and chemical abundance patterns, *A&A*, 572, A108
- Toft, S., Smolčić, V., Magnelli, B., Karim, A., Zirm, A., Michalowski, M., Capak, P., Sheth, K., Schawinski, K., Krogager, J.-K., Wuyts, S., Sanders, D., Man, A.W.S., Lutz, D., Staguhn, J., Berta, S., McCracken, H., Krpan, J., Riechers, D., 2014, Submillimeter Galaxies as Progenitors of Compact Quiescent Galaxies, *ApJ*, 782, 68
- Toloba, E., Guhathakurta, P., van de Ven, G., Boissier, S., Boselli, A., den Brok, M., Falcón-Barroso, J., Hensler, G., Janz, J., Laurikainen, E., Lisker, T., Paudel, S., Peletier, R.F., Ryš, A. & Salo, H. 2014, Stellar Kinematics and Structural Properties of Virgo Cluster Dwarf Early-type Galaxies from the SMAKCED Project. I. Kinematically Decoupled Cores and Implications for Infallen Groups in Clusters, *ApJ*, 783, 120
- Toloba, E., Guhathakurta, P., Peletier, R.F., Boselli, A., Lisker, T., Falcón-Barroso, J., Simon, J.D., van de Ven, G., Paudel, S., Emsellem, E., Janz, J., den Brok, M., Gorgas, J., Hensler, G., Laurikainen, E., Niemi, S.-M., Ryš, A., Salo, H., 2014, Stellar Kinematics and Structural Properties of Virgo Cluster Dwarf Early-type Galaxies from the SMAKCED Project. II. The Survey and a Systematic Analysis of Kinematic Anomalies and Asymmetries, *ApJS*, 215, 17
- Tonegawa, M., Totani, T., Akiyama, M., Dalton, G., Glazebrook, K., Iwamuro, F., Sumiyoshi, M., Tamura, N., Yabe, K., Coupon, J., Goto, T. & Spitler, L.R. 2014, A study of selection methods for H α -emitting galaxies at $z \sim 1.3$ for the Subaru/FMOS galaxy redshift survey for cosmology (FastSound), *PASJ*, 66, 43
- Torres, M.A.P., Jonker, P.G., Britt, C.T., Johnson, C.B., Hynes, R.I., Greiss, S., Steeghs, D., Maccarone, T.J., Özel, F., Bassa, C. & Nelemans, G. 2014, Identification of 23 accreting binaries in the Galactic Bulge Survey, *MNRAS*, 440, 365
- Torres-Flores, S., Scarano, S., Mendes de Oliveira, C., de Mello, D.F., Amram, P. & Plana, H. 2014, Star-forming regions and the metallicity gradients in the tidal tails: the case of NGC 92, *MNRAS*, 438, 1894
- Torres-Flores, S., Amram, P., Mendes de Oliveira, C., Plana, H., Balkowski, C., Marcelin, M. & Olave-Rojas, D. 2014, The H α kinematics of interacting galaxies in 12 compact groups, *MNRAS*, 442, 2188
- Tozzi, P., Moretti, A., Tundo, E., Liu, T., Rosati, P., Borgani, S., Tagliaferri, G., Campana, S., Fugazza, D. & D'Avanzo, P. 2014, The Swift X-ray Telescope Cluster Survey. II. X-ray spectral analysis, *A&A*, 567, A89
- Tramper, F., Sana, H., de Koter, A., Kaper, L. & Ramírez-Agudelo, O.H. 2014, The properties of ten O-type stars in the low-metallicity galaxies IC 1613, WLM, and NGC 3109, *A&A*, 572, A36
- Trevisan, M. & Barbuy, B. 2014, Heavy elements in old very metal-rich stars, *A&A*, 570, A22
- Trifonov, T., Reffert, S., Tan, X., Lee, M.H. & Quirrenbach, A. 2014, Precise radial velocities of giant stars. VI. A possible 2:1 resonant planet pair around the K giant star η Ceti, *A&A*, 568, A64
- Tristram, K.R.W., Burtscher, L., Jaffe, W., Meisenheimer, K., Hönig, S.F., Kishimoto, M., Schartmann, M. & Weigelt, G. 2014, The dusty torus in the Circinus galaxy: a dense disk and the torus funnel, *A&A*, 563, A82
- Troncoso, P., Maiolino, R., Sommariva, V., Cresci, G., Mannucci, F., Marconi, A., Meneghetti, M., Grazian, A., Cimatti, A., Fontana,

- A., Nagao, T. & Pentericci, L. 2014, Metallicity evolution, metallicity gradients, and gas fractions at $z \sim 3.4$, *A&A*, 563, A58
- Tsantaki, M., Sousa, S.G., Santos, N.C., Montalto, M., Delgado-Mena, E., Mortier, A., Adibekyan, V. & Israelian, G. 2014, Spectroscopic parameters for solar-type stars with moderate-to-high rotation. New parameters for ten planet hosts, *A&A*, 570, A80
- Tummuangpak, P., Bielby, R.M., Shanks, T., Theuns, T., Crighton, N.H.M., Francke, H. & Infante, L. 2014, The Very Large Telescope Lyman-Break Galaxy Redshift Survey - IV. Gas and galaxies at $z \sim 3$ in observations and simulations, *MNRAS*, 442, 2094
- Tunnicliffe, R.L., Levan, A.J., Tanvir, N.R., Rowlinson, A., Perley, D.A., Bloom, J.S., Cenko, S.B., O'Brien, P.T., Cobb, B.E., Wiersema, K., Malesani, D., de Ugarte Postigo, A., Hjorth, J., Fynbo, J.P.U. & Jakobsson, P. 2014, On the nature of the 'hostless' short GRBs, *MNRAS*, 437, 1495
- Tuomi, M. 2014, A new cold sub-Saturnian candidate planet orbiting GJ 221, *MNRAS*, 440, L1
- Tuomi, M., Jones, H.R.A., Barnes, J.R., Anglada-Escudé, G. & Jenkins, J.S. 2014, Bayesian search for low-mass planets around nearby M dwarfs - estimates for occurrence rate based on global detectability statistics, *MNRAS*, 441, 1545
- Ueda, J., Iono, D., Yun, M.S., Crocker, A.F., Narayanan, D., Komugi, S., Espada, D., Hatsukade, B., Kaneko, H., Matsuda, Y., Tamura, Y., Wilner, D.J., Kawabe, R. & Pan, H.-A., 2014, Cold Molecular Gas in Merger Remnants. I. Formation of Molecular Gas Disks, *ApJS*, 214, 1
- Umetsu, K., Medezinski, E., Nonino, M., Merten, J., Postman, M., Meneghetti, M., Donahue, M., Czakon, N., Molino, A., Seitz, S., Gruen, D., Lemze, D., Balestra, I., Benítez, N., Biviano, A., Broadhurst, T., Ford, H., Grillo, C., Koekemoer, A., Melchior, P., Mercurio, A., Moustakas, J., Rosati, P. & Zitrin, A. 2014, CLASH: Weak-lensing Shear-and-magnification Analysis of 20 Galaxy Clusters, *ApJ*, 795, 163
- Urquhart, J.S., Csengeri, T., Wyrowski, F., Schuller, F., Bontemps, S., Bronfman, L., Menten, K.M., Walmsley, C.M., Contreras, Y., Beuther, H., Wienen, M. & Linz, H. 2014, ATLASGAL - Complete compact source catalogue: $280^\circ < \ell < 60^\circ$, *A&A*, 568, A41
- Urquhart, J.S., Moore, T.J.T., Csengeri, T., Wyrowski, F., Schuller, F., Hoare, M.G., Lumsden, S.L., Mottram, J.C., Thompson, M.A., Menten, K.M., Walmsley, C.M., Bronfman, L., Pflanzner, S., König, C. & Wienen, M. 2014, ATLASGAL - towards a complete sample of massive star forming clumps, *MNRAS*, 443, 1555
- Vaduvescu, O., Kehrig, C., Bassino, L.P., Smith Castelli, A.V. & Calderón, J.P. 2014, Searching for star-forming dwarf galaxies in the Antlia cluster, *A&A*, 563, A118
- Valenti, S., Yuan, F., Taubenberger, S., Maguire, K., Pastorello, A., Benetti, S., Smartt, S.J., Cappellaro, E., Howell, D.A., Bildsten, L., Moore, K., Stritzinger, M., Anderson, J.P., Benitez-Herrera, S., Bufano, F., Gonzalez-Gaitan, S., McCrum, M.G., Pignata, G., Fraser, M., Gal-Yam, A., Le Guillou, L., Inserra, C., Reichart, D.E., Scalzo, R., Sullivan, M., Yaron, O. & Young, D.R. 2014, PESSTO monitoring of SN 2012hn: further heterogeneity among faint Type I supernovae, *MNRAS*, 437, 1519
- Valenti, S., Sand, D., Pastorello, A., Graham, M.L., Howell, D.A., Parrent, J.T., Tomasella, L., Ochner, P., Fraser, M., Benetti, S., Yuan, F., Smartt, S.J., Maund, J.R., Arcavi, I., Gal-Yam, A., Inserra, C. & Young, D. 2014, The first month of evolution of the slow-rising Type II-P SN 2013ej in M74 ★, *MNRAS*, 438, L101
- van der Marel, N., van Dishoeck, E.F., Bruderer, S. & van Kempen, T.A. 2014, Warm formaldehyde in the Ophiuchus IRS 48 transitional disk, *A&A*, 563, A113
- van Dokkum, P.G., Bezanson, R., van der Wel, A., Nelson, E.J., Momcheva, I., Skelton, R.E., Whitaker, K.E., Brammer, G., Conroy, C., Förster Schreiber, N.M., Fumagalli, M., Kriek, M., Labbé, I., Leja, J., Marchesini, D., Muzzin, A., Oesch, P. & Wuyts, S. 2014, Dense Cores in Galaxies Out to $z = 2.5$ in SDSS, UltraVISTA, and the Five 3D-HST/CANDELS Fields, *ApJ*, 791, 45
- VandenBerg, D.A., Bond, H.E., Nelan, E.P., Nissen, P.E., Schaefer, G.H. & Harmer, D. 2014, Three Ancient Halo Subgiants: Precise Parallaxes, Compositions, Ages, and Implications for Globular Clusters, *ApJ*, 792, 110
- Vanzella, E., Fontana, A., Pentericci, L., Castellano, M., Grazian, A., Giavalisco, M., Nonino, M., Cristiani, S., Zamorani, G. & Vignali, C. 2014, A 52 hours VLT/FORS2 spectrum of a bright $z \sim 7$ HUDF galaxy: no Ly- α emission, *A&A*, 569, A78
- Vargas, C.J., Bish, H., Acquaviva, V., Gawiser, E., Finkelstein, S.L., Ciardullo, R., Ashby, M.L.N., Feldmeier, J., Ferguson, H., Gronwall, C., Guaita, L., Hagen, A., Koekemoer, A., Kurczynski, P., Newman, J.A. & Padilla, N. 2014, To Stack or Not to Stack: Spectral Energy Distribution Properties of Ly α -emitting Galaxies at $z = 2.1$, *ApJ*, 783, 26
- Vasyunina, T., Vasyunin, A.I., Herbst, E., Linz, H., Voronkov, M., Britton, T., Zinchenko, I. & Schuller, F. 2014, Organic Species in Infrared Dark Clouds, *ApJ*, 780, 85
- Verdugo, T., Motta, V., Foëx, G., Forero-Romero, J.E., Muñoz, R.P., Pello, R., Limousin, M., More, A., Cabanac, R., Soucaill, G., Blakeslee, J.P., Mejía-Narváez, A.J., Magris, G. & Fernández-Trincado, J.G. 2014, Characterizing SL2S galaxy groups using the Einstein radius, *A&A*, 571, A65
- Vereshchagin, S.V., Chupina, N.V., Sariya, D.P., Yadav, R.K.S. & Kumar, B. 2014, Apex determination and detection of stellar clumps in the open cluster M 67, *NewA*, 31, 43
- Vignali, C., Mignoli, M., Gilli, R., Comastri, A., Iwasawa, K., Zamorani, G., Mainieri, V. & Bongiorno, A. 2014, The space density of Compton-thick AGN at $z \approx 0.8$ in the zCOSMOS-Bright Survey, *A&A*, 571, A34
- Villanova, S., Geisler, D., Gratton, R.G. & Cassisi, S. 2014, The Metallicity Spread and the Age-Metallicity Relation of ω Centauri, *ApJ*, 791, 107
- Viti, S., García-Burillo, S., Fuente, A., Hunt, L.K., Usero, A., Henkel, C., Eckart, A., Martin, S., Spaans, M., Müller, S., Combes, F., Krips, M., Schinnerer, E., Casasola, V., Costagliola, F., Marquez, I., Planesas, P., van der Werf, P.P., Aalto, S., Baker, A.J., Boone, F. & Tacconi, L.J. 2014, Molecular line emission in NGC 1068 imaged with ALMA. II. The chemistry of the dense molecular gas, *A&A*, 570, A28
- Vito, F., Maiolino, R., Santini, P., Brusa, M., Comastri, A., Cresci, G., Farrah, D., Franceschini, A., Gilli, R., Granato, G.L., Grupponi, C., Lutz, D., Mannucci, F., Pozzi, F., Rosario, D.J., Scott, D., Viero, M. & Vignali, C. 2014, Black hole accretion preferentially occurs in gas-rich galaxies*, *MNRAS*, 441, 1059
- Vreeswijk, P.M., Savaglio, S., Gal-Yam, A., De Cia, A., Quimby, R.M., Sullivan, M., Cenko, S.B., Perley, D.A., Filippenko, A.V., Clubb, K.I., Taddia, F., Sollerman, J., Leloudas, G., Arcavi, I., Rubin, A., Kasliwal, M.M., Cao, Y., Yaron, O., Tal, D., Ofek, E.O., Capone, J., Kutyrev, A.S., Toy, V., Nugent, P.E., Laher, R., Surace, J. & Kulkarni, S.R. 2014, The Hydrogen-poor Superluminous Supernova iPTF 13ajj and its Host Galaxy in Absorption and Emission, *ApJ*, 797, 24
- Vulcani, B., Bundy, K., Lackner, C., Leauthaud, A., Treu, T., Mei, S., Coccato, L., Kneib, J.P., Auger, M. & Nipoti, C. 2014, Understanding the Unique Assembly History of Central Group Galaxies, *ApJ*, 797, 62
- Vural, J., Kraus, S., Kreplin, A., Weigelt, G., Fossat, E., Massi, F., Perraut, K. & Vakili, F. 2014, Study of the sub-AU disk of the Herbig B[e] star HD 85567 with near-infrared interferometry, *A&A*, 569, A25
- Vural, J., Kreplin, A., Kishimoto, M., Weigelt, G., Hofmann, K.-H., Kraus, S., Schertl, D., Dugué, M., Duvert, G., Lagarde, S., Massi, F., 2014, The inner circumstellar disk of the UX Orion star V1026 Scorpii, *A&A*, 564, A118

- Wagg, J., Carilli, C.L., Aravena, M., Cox, P., Lentati, L., Maiolino, R., McMahon, R.G., Riechers, D., Walter, F., Andreani, P., Hills, R. & Wolfe, A. 2014, Karl G. Jansky Very Large Array Observations of Cold Dust and Molecular Gas in Starbursting Quasar Host Galaxies at $z \sim 4.5$, *ApJ*, 783, 71
- Walborn, N.R., Sana, H., Simón-Díaz, S., Maíz Apellániz, J., Taylor, W.D., Evans, C.J., Markova, N., Lennon, D.J. & de Koter, A. 2014, The VLT-FLAMES Tarantula Survey. XIV. The O-type stellar content of 30 Doradus, *A&A*, 564, A40
- Walsh, C., Juhász, A., Pinilla, P., Harsono, D., Mathews, G.S., Dent, W.R.F., Hogerheijde, M.R., Birnstiel, T., Meeus, G., Nomura, H., Aikawa, Y., Millar, T.J. & Sandell, G. 2014, ALMA Hints at the Presence of two Companions in the Disk around HD 100546, *ApJ*, 791, L6
- Wampfler, S.F., Jørgensen, J.K., Bizzarro, M. & Bisschop, S.E. 2014, Observations of nitrogen isotope fractionation in deeply embedded protostars, *A&A*, 572, A24
- Wardlow, J.L., Malhotra, S., Zheng, Z., Finkelstein, S., Bock, J., Bridge, C., Calanog, J., Ciardullo, R., Conley, A., Cooray, A., Farrah, D., Gawiser, E., Gronwall, C., Heinis, S., Ibar, E., Ivison, R.J., Marsden, G., Oliver, S.J., Rhoads, J., Riechers, D., Schulz, B., Smith, A.J., Viero, M., Wang, L. & Zemcov, M. 2014, Constraining the Ly α Escape Fraction with Far-infrared Observations of Ly α Emitters, *ApJ*, 787, 9
- Webb, N.A., Godet, O., Wiersema, K., Lasota, J.-P., Barret, D., Farrell, S.A., Maccarone, T.J., Servillat, M., 2014, Optical Variability of the Accretion Disk around the Intermediate-mass Black Hole ESO 243-49 HLX-1 during the 2012 Outburst, *ApJ*, 780, L9
- Werner, K. & Rauch, T. 2014, Weak metal lines in optical high-resolution Very Large Telescope and Keck spectra of "cool" PG 1159 stars, *A&A*, 569, A99
- Whelan, E.T., Alcalá, J.M., Bacciotti, F., Nisini, B., Bonito, R., Antonucci, S., Stelzer, B., Biazzo, K., D'Elia, V. & Ray, T.P. 2014, Accretion-ejection connection in the young brown dwarf candidate ISO-Chal 217, *A&A*, 570, A59
- Whelan, E.T., Bonito, R., Antonucci, S., Alcalá, J.M., Giannini, T., Nisini, B., Bacciotti, F., Podio, L., Stelzer, B. & Comerón, F. 2014, ESO-H α 574 and Par-Lup 3-4 jets: Exploring the spectral, kinematical, and physical properties, *A&A*, 565, A80
- Wichmann, R., Fuhrmeister, B., Wolter, U. & Nagel, E. 2014, Kepler super-flare stars: what are they?, *A&A*, 567, A36
- Wiegert, J., Liseau, R., Thébault, P., Olofsson, G., Mora, A., Bryden, G., Marshall, J.P., Eiroa, C., Montesinos, B., Ardila, D., Augereau, J.C., Bayo Aran, A., Danchi, W.C., del Burgo, C., Ertel, S., Fridlund, M.C.W., Hajigholi, M., Krivov, A.V., Pilbratt, G.L., Roberge, A., White, G.J. & Wolf, S. 2014, How dusty is α Centauri?. Excess or non-excess over the infrared photospheres of main-sequence stars, *A&A*, 563, A102
- Wiersema, K., Covino, S., Toma, K., van der Horst, A.J., Varela, K., Min, M., Greiner, J., Starling, R.L.C., Tanvir, N.R., Wijers, R.A.M.J., Campana, S., Curran, P.A., Fan, Y., Fynbo, J.P.U., Gorosabel, J., Gomboc, A., Gotz, D., Hjorth, J., Jin, Z.P., Kobayashi, S., Kouveliotou, C., Mundell, C., O'Brien, P.T., Pian, E., Rowlinson, A., Russell, D.M., Salvaterra, R., di Serego Alighieri, S., Tagliaferri, G., Vergani, S.D., Elliott, J., Farina, C., Hartoog, O.E., Karjalainen, R., Klose, S., Knust, F., Levan, A.J., Schady, P., Sudilovsky, V. & Willingale, R. 2014, Circular polarization in the optical afterglow of GRB 121024A, *Nature*, 509, 201
- Wiklind, T., Conelice, C.J., Dahlen, T., Dickinson, M.E., Ferguson, H.C., Grogin, N.A., Guo, Y., Koekemoer, A.M., Mobasher, B., Mortlock, A., Fontana, A., Davé, R., Yan, H., Acquaviva, V., Ashby, M.L.N., Barro, G., Caputi, K.I., Castellano, M., Dekel, A., Donley, J.L., Fazio, G.G., Giavalisco, M., Grazian, A., Hathi, N.P., Kurczynski, P., Lu, Y., McGrath, E.J., de Mello, D.F., Peth, M., Safarzadeh, M., Stefanon, M. & Targett, T. 2014, Properties of Submillimeter Galaxies in the CANDELS GOODS-South Field, *ApJ*, 785, 111
- Wild, V., Almaini, O., Cirasuolo, M., Dunlop, J., McLure, R., Bowler, R., Ferreira, J., Bradshaw, E., Chuter, R. & Hartley, W. 2014, A new method for classifying galaxy SEDs from multiwavelength photometry, *MNRAS*, 440, 1880
- Williams, C.C., Giavalisco, M., Cassata, P., Tundo, E., Wiklind, T., Guo, Y., Lee, B., Barro, G., Wuyts, S., Bell, E.F., Conelice, C.J., Dekel, A., Faber, S.M., Ferguson, H.C., Grogin, N., Hathi, N., Huang, K.-H., Kocevski, D., Koekemoer, A., Koo, D.C., Ravindranath, S., Salimbeni, S., 2014, The Progenitors of the Compact Early-type Galaxies at High Redshift, *ApJ*, 780, 1
- Williams, R.J., Wagg, J., Maiolino, R., Foster, C., Aravena, M., Wiklind, T., Carilli, C.L., McMahon, R.G., Riechers, D. & Walter, F. 2014, Constraining the nature of two Ly α emitters detected by ALMA at $z = 4.7$, *MNRAS*, 439, 2096
- Williams, R.J., Maiolino, R., Santini, P., Marconi, A., Cresci, G., Mannucci, F. & Lutz, D. 2014, Dynamics and metallicity of far-infrared selected galaxies, *MNRAS*, 443, 3780
- Wilson, D.J., Gänsicke, B.T., Koester, D., Raddi, R., Breedt, E., Southworth, J. & Parsons, S.G. 2014, Variable emission from a gaseous disc around a metal-polluted white dwarf, *MNRAS*, 445, 1878
- Wilson, P.A., Colón, K.D., Sing, D.K., Ballester, G.E., Désert, J.-M., Ehrenreich, D., Ford, E.B., Fortney, J.J., Lecavelier des Etangs, A., López-Morales, M., Morley, C.V., Pettitt, A.R., Pont, F., Vidal-Madjar, A., 2014, A search for methane in the atmosphere of GJ 1214b via GTC narrow-band transmission spectrophotometry, *MNRAS*, 438, 2395
- Wilson, P.A., Rajan, A. & Patience, J. 2014, The brown dwarf atmosphere monitoring (BAM) project. I. The largest near-IR monitoring survey of L and T dwarfs, *A&A*, 566, A111
- Wold, I.G.B., Barger, A.J. & Cowie, L.L. 2014, $z \sim 1$ Ly α Emitters. I. The Luminosity Function, *ApJ*, 783, 119
- Wöllert, M., Brandner, W., Reffert, S., Schlieder, J.E., Mohler-Fischer, M., Köhler, R. & Henning, T. 2014, The young binary HD 102077: Orbit, spectral type, kinematics, and moving group membership, *A&A*, 564, 10
- Wolter, U., Czesla, S., Fuhrmeister, B., Robrade, J., Engels, D., Wieringa, M. & Schmitt, J.H.M.M. 2014, Masses and activity of AB Doradus B a/b. The age of the AB Dor quadruple system revisited, *A&A*, 570, A95
- Woo, J.-H., Cho, H., Husemann, B., Komossa, S. & Park, D. 2014, A sub-kpc-scale binary active galactic nucleus with double narrow-line regions, *MNRAS*, 437, 32
- Wood, M.P., Lawler, J.E., Den Hartog, E.A., Sneden, C. & Cowan, J.J. 2014, Improved V II Log(gf) Values, Hyperfine Structure Constants, and Abundance Determinations in the Photospheres of the Sun and Metal-poor Star HD 84937, *ApJS*, 214, 18
- Wright, N.J., Wesson, R., Drew, J.E., Barentsen, G., Barlow, M.J., Walsh, J.R., Zijlstra, A., Drake, J.J., Eislöffel, J. & Farnhill, H.J. 2014, The ionized nebula surrounding the red supergiant W26 in Westerlund 1, *MNRAS*, 437, L1
- Wu, S.-W., Bik, A., Henning, T., Pasquali, A. & Brandner, W. 2014, The discovery of a very massive star in W49, *A&A*, 568, L13
- Wu, Y.W., Sato, M., Reid, M.J., Moscadelli, L., Zhang, B., Xu, Y., Brunthaler, A., Menten, K.M., Dame, T.M. & Zheng, X.W. 2014, Trigonometric parallaxes of star-forming regions in the Sagittarius spiral arm, *A&A*, 566, A17
- Wu, Y., Liu, T. & Qin, S.-L. 2014, A Study of Dynamical Processes in the Orion KL Region Using ALMA—Probing Molecular Outflow and Inflow, *ApJ*, 791, 123
- Wuyts, E., Kurk, J., Förster Schreiber, N.M., Genzel, R., Wisnioski, E., Bandara, K., Wuyts, S., Beifiori, A., Bender, R., Brammer, G.B., Burkert, A., Buschkamp, P., Carollo, C.M., Chan, J., Davies, R., Eisenhauer, F., Fossati, M., Kulkarni, S.K., Lang, P.,

- Lilly, S.J., Lutz, D., Mancini, C., Mendel, J.T., Momcheva, I.G., Naab, T., Nelson, E.J., Renzini, A., Rosario, D., Saglia, R.P., Seitz, S., Sharples, R.M., Sternberg, A., Tacchella, S., Tacconi, L.J., van Dokkum, P. & Wilman, D.J. 2014, A Consistent Study of Metallicity Evolution at $0.8 < z < 2.6$, *ApJ*, 789, L40
- Wyrzykowski, Ł., Kostrzewa-Rutkowska, Z., Kozłowski, S., Udalski, A., Poleski, R., Skowron, J., Blagorodnova, N., Kubiak, M., Szymański, M.K., Pietrzyński, G., Soszyński, I., Ulaczyk, K., Pietrukowicz, P. & Mróz, P. 2014, OGLE-IV Real-Time Transient Search, *AcA*, 64, 197
- Yang, Y., Zabludoff, A., Jahnke, K. & Davé, R. 2014, The Properties of Ly α Nebulae: Gas Kinematics from Nonresonant Lines, *ApJ*, 793, 114
- Young, T., Jerjen, H., López-Sánchez, Á.R. & Koribalski, B.S. 2014, Deep near-infrared surface photometry and properties of Local Volume dwarf irregular galaxies, *MNRAS*, 444, 3052
- Yusef-Zadeh, F., Roberts, D.A., Bushouse, H., Wardle, M., Cotton, W., Royster, M. & van Moorsel, G. 2014, The Discovery of Radio Stars within 10'' of Sgr A* at 7 mm, *ApJ*, 792, L1
- Zafar, T., Vladilo, G., Péroux, C., Molaro, P., Centurión, M., D'Odorico, V., Abbas, K. & Popping, A. 2014, The ESO UVES Advanced Data Products Quasar Sample - IV. On the deficiency of argon in DLA systems, *MNRAS*, 445, 2093
- Zafar, T., Centurión, M., Péroux, C., Molaro, P., D'Odorico, V., Vladilo, G. & Popping, A. 2014, The ESO UVES advanced data products quasar sample - III. Evidence of bimodality in the [N/ α] distribution, *MNRAS*, 444, 744
- Zampieri, L., Čadež, A., Barbieri, C., Naletto, G., Calvani, M., Barbieri, M., Verroi, E., Zoccarato, P. & Occhipinti, T. 2014, Optical phase coherent timing of the Crab nebula pulsar with Iqueye at the ESO New Technology Telescope, *MNRAS*, 439, 2813
- Zapatero Osorio, M.R., Gálvez Ortiz, M.C., Bihain, G., Bailer-Jones, C.A.L., Rebolo, R., Henning, T., Boudreault, S., Béjar, V.J.S., Goldman, B., Mundt, R. & Caballero, J.A. 2014, Search for free-floating planetary-mass objects in the Pleiades, *A&A*, 568, A77
- Zaragoza-Cardiel, J., Font, J., Beckman, J.E., García-Lorenzo, B., Erroz-Ferrer, S. & Gutiérrez, L. 2014, Two physical regimes for the giant H II regions and giant molecular clouds in the Antennae galaxies, *MNRAS*, 445, 1412
- Zhang, B., Moscadelli, L., Sato, M., Reid, M.J., Menten, K.M., Zheng, X.W., Brunthaler, A., Dame, T.M., Xu, Y. & Immer, K. 2014, The Parallax of W43: a Massive Star-forming Complex near the Galactic Bar, *ApJ*, 781, 89
- Zhekov, S.A., Tomov, T., Gawronski, M.P., Georgiev, L.N., Borissova, J., Kurtev, R., Gagné, M. & Hajduk, M. 2014, A multiwavelength view on the dusty Wolf-Rayet star WR 48a \star , *MNRAS*, 445, 1663
- Zhou, G., Bayliss, D., Penev, K., Bakos, G.Á., Hartman, J.D., Jordán, A., Mancini, L., Mohler, M., Csubry, Z., Ciceri, S., Brahm, R., Rabus, M., Buchhave, L., Henning, T., Suc, V., Espinoza, N., Béky, B., Noyes, R.W., Schmidt, B., Butler, R.P., Shectman, S., Thompson, I., Crane, J., Sato, B., Csák, B., Lázár, J., Papp, I., Sári, P. & Nikolov, N. 2014, HATS-5b: A Transiting Hot Saturn from the HATSouth Survey, *AJ*, 147, 144
- Zhou, G., Bayliss, D., Hartman, J.D., Bakos, G.Á., Penev, K., Csubry, Z., Tan, T.G., Jordán, A., Mancini, L., Rabus, M., Brahm, R., Espinoza, N., Mohler-Fischer, M., Ciceri, S., Suc, V., Csák, B., Henning, T. & Schmidt, B. 2014, The mass-radius relationship for very low mass stars: four new discoveries from the HATSouth Survey, *MNRAS*, 437, 2831
- Ziparo, F., Popesso, P., Finoguenov, A., Biviano, A., Wuyts, S., Wilman, D., Salvato, M., Tanaka, M., Nandra, K., Lutz, D., Elbaz, D., Dickinson, M., Altieri, B., Aussel, H., Berta, S., Cimatti, A., Fadda, D., Genzel, R., Le Floch, E., Magnelli, B., Nordon, R., Poglitsch, A., Pozzi, F., Portal, M.S., Tacconi, L., Bauer, F.E., Brandt, W.N., Cappelluti, N., Cooper, M.C. & Mulchaey, J.S. 2014, Reversal or no reversal: the evolution of the star formation rate-density relation up to $z \sim 1.6$, *MNRAS*, 437, 458
- Zoccali, M., Gonzalez, O.A., Vasquez, S., Hill, V., Rejkuba, M., Valenti, E., Renzini, A., Rojas-Arriagada, A., Martinez-Valpuesta, I., Babusiaux, C., Brown, T., Minniti, D. & McWilliam, A. 2014, The GIRAFFE Inner Bulge Survey (GIBS). I. Survey description and a kinematical map of the Milky Way bulge, *A&A*, 562, A66
- Zuckerman, B., Vican, L. & Rodriguez, D.R. 2014, Accretion and OH Photodissociation at a Nearby T Tauri System in the β Pictoris Moving Group, *ApJ*, 788, 102
- Zwart, J.T.L., Jarvis, M.J., Deane, R.P., Bonfield, D.G., Knowles, K., Madhanpall, N., Rahmani, H. & Smith, D.J.B. 2014, The star formation history of mass-selected galaxies from the VIDEO survey, *MNRAS*, 439, 1459
- Zwintz, K., Ryabchikova, T., Lenz, P., Pamyatnykh, A.A., Fossati, L., Sitnova, T., Breger, M., Poretti, E., Rainer, M., Hareter, M. & Mantegazza, L. 2014, Refining the asteroseismic model for the young δ Scuti star HD 144277 using HARPS spectroscopy, *A&A*, 567, A4

Peer-reviewed publications by ESO scientists

The list is sorted by first ESO author (displayed in italics). Papers that use ESO data are also included in the first part of this list ("Publications based on ESO data".)

- Martín, S., Verdes-Montenegro, L., *Aladro, R.*, Espada, D., Argudo-Fernández, M., Kramer, C. & Scott, T.C. 2014, *Chemistry in isolation: High CCH/HCO+ line ratio in the AMIGA galaxy CIG 638*, A&A, 563, L6
- Alvarez-Candal, A.*, Ortiz, J.L., Morales, N., Jiménez-Teja, Y., Duffard, R., Sicardy, B., Dhillon, V.S., Marsh, T., Littlefair, S., Mottola, S., Hellmich, S. & Shahbaz, T. 2014, *Stellar occultation by (119951) 2002 KX14 on April 26, 2012*, A&A, 571, A48
- Anderson, J.P.*, Dessart, L., Gutierrez, C.P., Hamuy, M., Morrell, N.I., Phillips, M., Folatelli, G., Stritzinger, M.D., Freedman, W.L., González-Gaitán, S., McCarthy, P., Suntzeff, N. & Thomas-Osip, J. 2014, *Analysis of blueshifted emission peaks in Type II supernovae*, MNRAS, 441, 671
- Anderson, J.P.*, González-Gaitán, S., Hamuy, M., Gutiérrez, C.P., Stritzinger, M.D., Olivares E., F., Phillips, M.M., Schulze, S., Antezana, R., Bolt, L., Campillay, A., Castellón, S., Contreras, C., de Jaeger, T., Folatelli, G., Förster, F., Freedman, W.L., González, L., Hsiao, E., Krzemiński, W., Krisciunas, K., Maza, J., McCarthy, P., Morrell, N.I., Persson, S.E., Roth, M., Salgado, F., Suntzeff, N.B. & Thomas-Osip, J. 2014, *Characterizing the V-band Light-curves of Hydrogen-rich Type II Supernovae*, ApJ, 786, 67
- González-Gaitán, S., Hsiao, E.Y., Pignata, G., Förster, F., Gutiérrez, C.P., Bufano, F., Galbany, L., Folatelli, G., Phillips, M.M., Hamuy, M., *Anderson, J.P.* & de Jaeger, T. 2014, *Defining Photometric Peculiar Type Ia Supernovae*, ApJ, 795, 142
- Habergham, S.M., *Anderson, J.P.*, James, P.A. & Lyman, J.D. 2014, *Environments of interacting transients: impostors and Type II supernovae*, MNRAS, 441, 2230
- Gutiérrez, C.P., *Anderson, J.P.*, Hamuy, M., González-Gaitán, S., Folatelli, G., Morrell, N.I., Stritzinger, M.D., Phillips, M.M., McCarthy, P., Suntzeff, N.B. & Thomas-Osip, J. 2014, *Ha Spectral Diversity of Type II Supernovae: Correlations with Photometric Properties*, ApJ, 786, L15
- Nicholl, M., Smartt, S.J., Jerkstrand, A., Inserra, C., *Anderson, J.P.*, Baltay, C., Benetti, S., Chen, T.-W., Elias-Rosa, N., Feindt, U., Fraser, M., Gal-Yam, A., Hadjiyska, E., Howell, D.A., Kotak, R., Lawrence, A., Leloudas, G., Margheim, S., Mattila, S., McCrum, M., McKinnon, R., Mead, A., Nugent, P., Rabinowitz, D., Rest, A., Smith, K.W., Sollerman, J., Sullivan, M., Taddia, F., Valenti, S., Walker, E.S., Young, D.R., 2014, *Superluminous supernovae from PESSTO*, MNRAS, 444, 2096
- Folatelli, G., Bersten, M.C., Kuncarayakti, H., Olivares Estay, F., *Anderson, J.P.*, Holmbo, S., Maeda, K., Morrell, N., Nomoto, K., Pignata, G., Stritzinger, M., Contreras, C., Förster, F., Hamuy, M., Phillips, M.M., Prieto, J.L., Valenti, S., Afonso, P., Altenmüller, K., Elliott, J., Greiner, J., Updike, A., Haislip, J.B., LaCluyze, A.P., Moore, J.P. & Reichart, D.E. 2014, *Supernova 2010as: The Lowest-velocity Member of a Family of Flat-velocity Type IIb Supernovae*, ApJ, 792, 7
- Dessart, L., Gutierrez, C.P., Hamuy, M., Hillier, D.J., Lanz, T., *Anderson, J.P.*, Folatelli, G., Freedman, W.L., Ley, F., Morrell, N., Persson, S.E., Phillips, M.M., Stritzinger, M. & Suntzeff, N.B. 2014, *Type II Plateau supernovae as metallicity probes of the Universe*, MNRAS, 440, 1856
- Rodighiero, G., Renzini, A., Daddi, E., Baronchelli, I., Berta, S., Cresci, G., Franceschini, A., Gruppioni, C., Lutz, D., Mancini, C., Santini, P., Zamorani, G., Silverman, J., Kashino, D., *Andreani, P.*, Cimatti, A., Sánchez, H.D., Le Floch, E., Magnelli, B., Popesso, P. & Pozzi, F. 2014, *A multiwavelength consensus on the main sequence of star-forming galaxies at $z \sim 2$* , MNRAS, 443, 19
- Iribarrem, A., *Andreani, P.*, February, S., Gruppioni, C., Lopes, A.R., Ribeiro, M.B. & Stoeger, W.R. 2014, *Relativistic cosmology number densities in void-Lemaître-Tolman-Bondi models*, A&A, 563, A20
- Andreani, P.*, Spinoglio, L., Boselli, A., Ciesla, L., Cortese, L., Vio, R., Baes, M., Bendo, G.J. & De Looze, I. 2014, *The bivariate K-band-submillimetre luminosity functions of the local HRS galaxy sample*, A&A, 566, A70
- Santini, P., Maiolino, R., Magnelli, B., Lutz, D., Lamastra, A., Li Causi, G., Eales, S., *Andreani, P.*, Berta, S., Buat, V., Cooray, A., Cresci, G., Daddi, E., Farrah, D., Fontana, A., Franceschini, A., Genzel, R., Granato, G., Grazian, A., Le Floch, E., Magdis, G., Magliocchetti, M., Mannucci, F., Menci, N., Nordon, R., Oliver, S., Popesso, P., Pozzi, F., Riguccini, L., Rodighiero, G., Rosario, D.J., Salvato, M., Scott, D., Silva, L., Tacconi, L., Viero, M., Wang, L., Wuyts, S. & Xu, K. 2014, *The evolution of the dust and gas content in galaxies*, A&A, 562, A30
- Magnelli, B., Lutz, D., Saintonge, A., Berta, S., Santini, P., Symeonidis, M., Altieri, B., *Andreani, P.*, Aussel, H., Béthermin, M., Bock, J., Bongiovanni, A., Cepa, J., Cimatti, A., Conley, A., Daddi, E., Elbaz, D., Förster Schreiber, N.M., Genzel, R., Ivison, R.J., Le Floch, E., Magdis, G., Maiolino, R., Nordon, R., Oliver, S.J., Page, M., Pérez García, A., Poglitsch, A., Popesso, P., Pozzi, F., Riguccini, L., Rodighiero, G., Rosario, D., Roseboom, I., Sanchez-Portal, M., Scott, D., Sturm, E., Tacconi, L.J., Valtchanov, I., Wang, L. & Wuyts, S. 2014, *The evolution of the dust temperatures of galaxies in the SFR-M* plane up to $z \sim 2$* , A&A, 561, A86
- Decarli, R., Walter, F., Carilli, C., Riechers, D., Cox, P., Neri, R., Aravena, M., Bell, E., Bertoldi, F., Colombo, D., Da Cunha, E., Daddi, E., Dickinson, M., Downes, D., Ellis, R., Lentati, L., Maiolino, R., Menten, K.M., Rix, H.-W., Sargent, M., Stark, D., Weiner, B., Weiss, A., 2014, *A Molecular Line Scan in the Hubble Deep Field North*, ApJ, 782, 78
- Walter, F., Decarli, R., Sargent, M., Carilli, C., Dickinson, M., Riechers, D., Ellis, R., Stark, D., Weiner, B., Aravena, M., Bell, E., Bertoldi, F., Cox, P., Da Cunha, E., Daddi, E., Downes, D., Lentati, L., Maiolino, R., Menten, K.M., Neri, R., Rix, H.-W., Weiss, A., 2014, *A Molecular Line Scan in the Hubble Deep Field North: Constraints on the CO Luminosity Function and the Cosmic H2 Density*, ApJ, 782, 79
- Aravena, M., Hodge, J.A., Wagg, J., Carilli, C.L., Daddi, E., Dannerbauer, H., Lentati, L., Riechers, D.A., Sargent, M. & Walter, F. 2014, *CO(1-0) line imaging of massive star-forming disc galaxies at $z=1.5-2.2$* , MNRAS, 442, 558
- Spilker, J.S., Marrone, D.P., Aguirre, J.E., Aravena, M., Ashby, M.L.N., Béthermin, M., Bradford, C.M., Bothwell, M.S., Brodwin, M., Carlstrom, J.E., Chapman, S.C., Crawford, T.M., de Breuck, C., Fassnacht, C.D., Gonzalez, A.H., Greve, T.R., Gullberg, B.,

- Hezaveh, Y., Holzappel, W.L., Husband, K., Ma, J., Malkan, M., Murphy, E.J., Reichardt, C.L., Rotermund, K.M., Stalder, B., Stark, A.A., Strandet, M., Vieira, J.D., Weiß, A. & Welikala, N. 2014, *The Rest-frame Submillimeter Spectrum of High-redshift, Dusty, Star-forming Galaxies*, ApJ, 785, 149
- Iodice, E., *Arnaboldi, M.*, Rejkuba, M., Neeser, M.J., Greggio, L., Gonzalez, O.A., Irwin, M. & Emerson, J.P. 2014, *The near-infrared structure of the barred galaxy NGC 253 from VISTA*, A&A, 567, A86
- Telting, J.H., *Avila, G.*, Buchhave, L., Frandsen, S., Gandolfi, D., Lindberg, B., Stempels, H.C., Prins, S. & NOT staff, N.s. 2014, *FIES: The high-resolution Fiber-fed Echelle Spectrograph at the Nordic Optical Telescope*, AN, 335, 41
- Mugrauer, M., *Avila, G.* & Guirao, C. 2014, *FLECHAS - A new échelle spectrograph at the University Observatory Jena*, AN, 335, 417
- Ade, P.A.R., Aikin, R.W., Amiri, M., *Barkats, D.*, Benton, S.J., Bischoff, C.A., Bock, J.J., Brevik, J.A., Buder, I., Bullock, E., Davis, G., Day, P.K., Dowell, C.D., Duband, L., Filippini, J.P., Fliescher, S., Golwala, S.R., Halpern, M., Hasselfield, M., Hildebrandt, S.R., Hilton, G.C., Irwin, K.D., Karkare, K.S., Kaufman, J.P., Keating, B.G., Kernasovskiy, S.A., Kovac, J.M., Kuo, C.L., Leitch, E.M., Lombart, N., Lueker, M., Netterfield, C.B., Nguyen, H.T., O'Brien, R., Ogburn, R.W.I., Orlando, A., Pryke, C., Reintsema, C.D., Richter, S., Schwarz, R., Sheehy, C.D., Staniszewski, Z.K., Story, K.T., Sudiwala, R.V., Teply, G.P., Tolán, J.E., Turner, A.D., Vieregg, A.G., Wilson, P., Wong, C.L., Yoon, K.W. & BICEP2 Collaboration, B.C. 2014, *BICEP2. II. Experiment and three-year Data Set*, ApJ, 792, 62
- Barkats, D.*, Aikin, R., Bischoff, C., Buder, I., Kaufman, J.P., Keating, B.G., Kovac, J.M., Su, M., Ade, P.A.R., Battle, J.O., Bierman, E.M., Bock, J.J., Chiang, H.C., Dowell, C.D., Duband, L., Filippini, J., Hivon, E.F., Holzappel, W.L., Hristov, V.V., Jones, W.C., Kuo, C.L., Leitch, E.M., Mason, P.V., Matsumura, T., Nguyen, H.T., Pontheu, N., Pryke, C., Richter, S., Rocha, G., Sheehy, C., Kernasovskiy, S.S., Takahashi, Y.D., Tolán, J.E. & Yoon, K.W. 2014, *Degree-scale Cosmic Microwave Background Polarization Measurements from Three Years of BICEP1 Data*, ApJ, 783, 67
- Rajpurohit, A.S., Reylé, C., Allard, F., Scholz, R.-D., Homeier, D., Schultheis, M., *Bayo, A.*, 2014, *High-resolution spectroscopic atlas of M subdwarfs. Effective temperature and metallicity*, A&A, 564, A90
- Wiegert, J., Liseau, R., Thébaud, P., Olofsson, G., Mora, A., Bryden, G., Marshall, J.P., Eiroa, C., Montesinos, B., Ardila, D., Augereau, J.C., *Bayo Aran, A.*, Danchi, W.C., del Burgo, C., Ertel, S., Fridlund, M.C.W., Hajjigholi, M., Krivov, A.V., Pilbratt, G.L., Roberge, A., White, G.J. & Wolf, S. 2014, *How dusty is α Centauri?. Excess or non-excess over the infrared photospheres of main-sequence stars*, A&A, 563, A102
- Lillo-Box, J., Barrado, D., Moya, A., Montesinos, B., Montalbán, J., *Bayo, A.*, Barbieri, M., Régulo, C., Mancini, L., Bouy, H. & Henning, T. 2014, *Kepler-91b: a planet at the end of its life. Planet and giant host star properties via light-curve variations*, A&A, 562, A109
- Birkby, J.L., Cappetta, M., Cruz, P., Koppenhoefer, J., Ivanyuk, O., Mustill, A.J., Hodgkin, S.T., Pinfield, D.J., Sipőcz, B., Kovács, G., Saglia, R., Pavlenko, Y., Barrado, D., *Bayo, A.*, Campbell, D., Catalan, S., Fossati, L., Gálvez-Ortiz, M.-C., Kenworthy, M., Lillo-Box, J., Martín, E.L., Mislis, D., de Mooij, E.J.W., Nefs, S.V., Snellen, I.A.G., Stoev, H., Zendejas, J., del Burgo, C., Barnes, J., Goulding, N., Haswell, C.A., Kuznetsov, M., Lodieu, N., Murgas, F., Palle, E., Solano, E., Steele, P., Tata, R., 2014, *WTS-2 b: a hot Jupiter orbiting near its tidal destruction radius around a K dwarf*, MNRAS, 440, 1470
- Beamín, J.C.*, Ivanov, V.D., Bayo, A., Mužić, K., Boffin, H.M.J., Allard, F., Homeier, D., Minniti, D., Gromadzki, M., Kurtev, R., Lodieu, N., Martín, E.L. & Mendez, R.A. 2014, *Temperature constraints on the coldest brown dwarf known: WISE 0855-0714*, A&A, 570, L8
- Angeloni, R., Contreras Ramos, R., Catelan, M., Dékány, I., Gran, F., Alonso-García, J., Hempel, M., Navarrete, C., Andrews, H., Aparicio, A., *Beamín, J.C.*, Berger, C., Borissova, J., Contreras Peña, C., Cunial, A., de Grijs, R., Espinoza, N., Eyheramendy, S., Ferreira Lopes, C.E., Fiaschi, M., Hajdu, G., Han, J., Helminiak, K.G., Hempel, A., Hidalgo, S.L., Ita, Y., Jeon, Y.-B., Jordán, A., Kwon, J., Lee, J.T., Martín, E.L., Masetti, N., Matsunaga, N., Milone, A.P., Minniti, D., Morelli, L., Murgas, F., Nagayama, T., Navarro, C., Ochner, P., Pérez, P., Pichara, K., Rojas-Arriagada, A., Roquette, J., Saito, R.K., Siviero, A., Sohn, J., Sung, H.-I., Tamura, M., Tata, R., Tomasella, L., Townsend, B., Whitelock, P., 2014, *The VVV Templates Project Towards an automated classification of VVV light-curves. I. Building a database of stellar variability in the near-infrared*, A&A, 567, A100
- Beccari, G., De Marchi, G., Panagia, N. & Pasquini, L. 2014, *Ha photometry of low-mass stars in 47 Tucanae: chromospheric activity and exotica*, MNRAS, 437, 2621
- Donati, P., *Beccari, G.*, Bragaglia, A., Cignoni, M. & Tosi, M. 2014, *NGC 1817, NGC 2141 and Berkeley 81: three BOCCE clusters of intermediate age*, MNRAS, 437, 1241
- Bellazzini, M., *Beccari, G.*, Fraternali, F., Oosterloo, T.A., Sollima, A., Testa, V., Galletti, S., Perina, S., Faccini, M. & Cusano, F. 2014, *The extended structure of the dwarf irregular galaxies Sextans A and Sextans B. Signatures of tidal distortion in the outskirts of the Local Group*, A&A, 566, A44
- Beccari, G.*, Bellazzini, M., Fraternali, F., Battaglia, G., Perina, S., Sollima, A., Oosterloo, T.A., Testa, V. & Galletti, S. 2014, *The extended structure of the dwarf irregular galaxy Sagittarius*, A&A, 570, A78
- Di Folco, E., Dutrey, A., Le Bouquin, J.-B., Lacour, S., *Berger, J.-P.*, Köhler, R., Guilloteau, S., Piétu, V., Bary, J., Beck, T., Beust, H., Pantin, E., 2014, *GG Tauri: the fifth element*, A&A, 565, L2
- Le Bouquin, J.-B., Monin, J.-L., *Berger, J.-P.*, Prato, L., Benisty, M., Schaefer, G. 2014, *Refined masses and distance of the young binary Haro 1-14 C*, A&A, 561, 101
- Kluska, J., Malbet, F., *Berger, J.-P.*, Baron, F., Lazareff, B., Le Bouquin, J.-B., Monnier, J.D., Soulez, F., Thiébaud, E., 2014, *SPARCO: a semi-parametric approach for image reconstruction of chromatic objects. Application to young stellar objects*, A&A, 564, A80
- Sana, H., Le Bouquin, J.-B., Lacour, S., *Berger, J.-P.*, Duvert, G., Gauchet, L., Norris, B., Olofsson, J., Pickel, D., Zins, G., Absil, O., de Koter, A., Kratter, K., Schnurr, O., Zinnecker, H., 2014, *Southern Massive Stars at High Angular Resolution: Observational Campaign and Companion Detection*, ApJS, 215, 15
- Béthermin, M.*, Kilbinger, M., Daddi, E., Gabor, J., Finoguenov, A., McCracken, H., Wolk, M., Aussel, H., Strazzulo, V., Le Floch, E., Gobat, R., Rodighiero, G., Dickinson, M., Wang, L., Lutz, D. & Heinis, S. 2014, *Clustering, host halos, and environment of $z \sim 2$ galaxies as a function of their physical properties*, A&A, 567, A103
- Bernhard, E., *Béthermin, M.*, Sargent, M., Buat, V., Mullaney, J.R., Pannella, M., Heinis, S. & Daddi, E. 2014, *Modelling the connection between ultraviolet and infrared galaxy populations across cosmic times*, MNRAS, 442, 509
- Boffin, H.M.J.*, Pourbaix, D., Mužić, K., Ivanov, V.D., Kurtev, R., Beletsky, Y., Mehner, A., Berger, J.P., Girard, J.H. & Mawet, D. 2014, *Possible astrometric discovery of a substellar companion to the closest binary brown dwarf system WISE J104915.57-531906.1*, A&A, 561, L4
- Boffin, H.M.J.*, Hillen, M., Berger, J.P., Jorissen, A., Blind, N., Le Bouquin, J.B., Mikołajewska, J. & Lazareff, B. 2014, *Roche-lobe filling factor of mass-transferring red giants: the PIONIER view*, A&A, 564, 1
- Boissier, J.*, Bockelée-Morvan, D., Biver, N., Colom, P., Crovisier, J., Moreno, R., Zakharov, V., Groussin, O., Jorda, L. & Lis, D.C. 2014, *Gas and dust productions of Comet 103P/Hartley 2 from*

- millimetre observations: Interpreting rotation-induced time variations, *Icar*, 228, 197
- Myeionidis, M., Georgakakis, A., Page, M.J., Bock, J., Bonzini, M., Buat, V., Farrah, D., Franceschini, A., Ibar, E., Lutz, D., Magnelli, B., Magdis, G., Oliver, S.J., Pannella, M., Paolillo, M., Rosario, D., Roseboom, I.G., Vaccari, M. & Villforth, C. 2014, *Linking the X-ray and infrared properties of star-forming galaxies at $z < 1.5$* , MNRAS, 443, 3728
- Straatman, C.M.S., Labbé, I., Spitler, L.R., Allen, R., Altieri, B., Brammer, G.B., Dickinson, M., van Dokkum, P., Inami, H., Glazebrook, K., Kacprzak, G.G., Kawinwanichakij, L., Kelson, D.D., McCarthy, P.J., Mehtens, N., Monson, A., Murphy, D., Papovich, C., Persson, S.E., Quadri, R., Rees, G., Tomczak, A., Tran, K.-V.H., Tilvi, V., 2014, *A Substantial Population of Massive Quiescent Galaxies at $z \sim 4$ from ZFOURGE*, ApJ, 783, L14
- Tsapras, Y., Choi, J.-Y., Street, R.A., Han, C., Bozza, V., Gould, A., Dominik, M., Beaulieu, J.-P., Udalski, A., Jørgensen, U.G., Sumi, T., Bramich, D.M., Browne, P., Horne, K., Hundertmark, M., Ipatov, S., Kains, N., Snodgrass, C., Steele, I.A., The RoboNet Collaboration, T.R.C., Alsubai, K.A., Andersen, J.M., Calchi Novati, S., Damerdjij, Y., Diehl, C., Elyiv, A., Giannini, E., Hardis, S., Harpsøe, K., Hinse, T.C., Juncher, D., Kerins, E., Korhonen, H., Liebig, C., Mancini, L., Mathiasen, M., Penny, M.T., Rabus, M., Rahvar, S., Scarpetta, G., Skottfelt, J., Southworth, J., Surdej, J., Tregloan-Reed, J., Vilela, C., Wambsganss, J., The MiNDSTeP Collaboration, T.M.C., Skowron, J., Poleski, R., Kozłowski, S., Wyrzykowski, Ł., Szymański, M.K., Kubiak, M., Pietrukowicz, P., Pietrzyński, G., Soszyński, I., Ulaczyk, K., The OGLE Collaboration, T.O.C., Albrow, M.D., Bachelet, E., Barry, R., Batista, V., Bhattacharya, A., Brilliant, S., Caldwell, J.A.R., Cassan, A., Cole, A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Donatowicz, J., Fouqué, P., Greenhill, J., Kane, S.R., Kubas, D., Marquette, J.-B., Menzies, J., Pèrè, C., Pollard, K.R., Zub, M., The PLANET Collaboration, T.P.C., Christie, G., DePoy, D.L., Dong, S., Drummond, J., Gaudi, B.S., Henderson, C.B., Hwang, K.H., Jung, Y.K., Kavka, A., Koo, J.-R., Lee, C.-U., Maoz, D., Monard, L.A.G., Natusch, T., Ngan, H., Park, H., Pogge, R.W., Porritt, I., Shin, I.-G., Shvartzvald, Y., Tan, T.G., Yee, J.C., The μ FUN Collaboration, T. μ C., Abe, F., Bennett, D.P., Bond, I.A., Botzler, C.S., Freeman, M., Fukui, A., Fukunaga, D., Itow, Y., Koshimoto, N., Ling, C.H., Masuda, K., Matsubara, Y., Muraki, Y., Namba, S., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Sweatman, W.L., Suzuki, D., Tristram, P.J., Tsurumi, N., Wada, K., Yamai, N., Yock, P.C.M., Yonehara, A., The MOA Collaboration, T.M.C., 2014, *A Super-Jupiter Orbiting a Late-type Star: A Refined Analysis of Microlensing Event OGLE-2012-BLG-0406*, ApJ, 782, 48
- Lang, P., Wuyts, S., Somerville, R.S., Förster Schreiber, N.M., Genzel, R., Bell, E.F., Brammer, G., Dekel, A., Faber, S.M., Ferguson, H.C., Grogin, N.A., Kocevski, D.D., Koekemoer, A.M., Lutz, D., McGrath, E.J., Momcheva, I., Nelson, E.J., Primack, J.R., Rosario, D.J., Skelton, R.E., Tacconi, L.J., van Dokkum, P.G. & Whitaker, K.E. 2014, *Bulge Growth and Quenching since $z = 2.5$ in CANDELS/3D-HST*, ApJ, 788, 11
- Tomczak, A.R., Quadri, R.F., Tran, K.-V.H., Labbé, I., Straatman, C.M.S., Papovich, C., Glazebrook, K., Allen, R., Brammer, G.B., Kacprzak, G.G., Kawinwanichakij, L., Kelson, D.D., McCarthy, P.J., Mehtens, N., Monson, A.J., Persson, S.E., Spitler, L.R., Tilvi, V., van Dokkum, P. 2014, *Galaxy Stellar Mass Functions from ZFOURGE/CANDELS: An Excess of Low-mass Galaxies since $z = 2$ and the Rapid Buildup of Quiescent Galaxies*, ApJ, 783, 85
- Fumagalli, M., Labbé, I., Patel, S.G., Franx, M., van Dokkum, P., Brammer, G., da Cunha, E., Förster Schreiber, N.M., Kriek, M., Quadri, R., Rix, H.-W., Wake, D., Whitaker, K.E., Lundgren, B., Marchesini, D., Maseda, M., Momcheva, I., Nelson, E., Pacifici, C., Skelton, R.E., 2014, *How Dead are Dead Galaxies? Mid-infrared Fluxes of Quiescent Galaxies at Redshift $0.3 < z < 2.5$: Implications for Star Formation Rates and Dust Heating*, ApJ, 796, 35
- Jones, T.M., Kriek, M., van Dokkum, P.G., Brammer, G., Franx, M., Greene, J.E., Labbé, I. & Whitaker, K.E. 2014, *X-Ray Properties of K-selected Galaxies at $0.5 < z < 2.0$: Investigating Trends with Stellar Mass, Redshift and Spectral Type*, ApJ, 783, 25
- Paumard, T., Pfuhl, O., Martins, F., Kervella, P., Ott, T., Pott, J.-U., Le Bouquin, J.B., Breielfelder, J., Gillessen, S., Perrin, G., Burtscher, L., Haubois, X., Brandner, W., 2014, *GCIRS 7, a pulsating M1 supergiant at the Galactic centre. Physical properties and age*, A&A, 568, A85
- Kervella, P., Bond, H.E., Cracraft, M., Szabados, L., Breielfelder, J., Mérand, A., Sparks, W.B., Gallenne, A., Bersier, D., Fouqué, P. & Anderson, R.I. 2014, *The long-period Galactic Cepheid RS Puppis. III. A geometric distance from HST polarimetric imaging of its light echoes*, A&A, 572, A7
- Bennett, D.P., Batista, V., Bond, I.A., Bennett, C.S., Suzuki, D., Beaulieu, J.-P., Udalski, A., Donatowicz, J., Bozza, V., Abe, F., Botzler, C.S., Freeman, M., Fukunaga, D., Fukui, A., Itow, Y., Koshimoto, N., Ling, C.H., Masuda, K., Matsubara, Y., Muraki, Y., Namba, S., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Sumi, T., Sweatman, W.L., Tristram, P.J., Tsurumi, N., Wada, K., Yock, P.C.M., The MOA Collaboration, T.M.C., Albrow, M.D., Bachelet, E., Brilliant, S., Caldwell, J.A.R., Cassan, A., Cole, A.A., Corrales, E., Coutures, C., Dieters, S., Dominis Prester, D., Fouqué, P., Greenhill, J., Horne, K., Koo, J.-R., Kubas, D., Marquette, J.-B., Martin, R., Menzies, J.W., Sahu, K.C., Wambsganss, J., Williams, A., Zub, M., The PLANET Collaboration, T.P.C., Choi, J.Y., DePoy, D.L., Dong, S., Gaudi, B.S., Gould, A., Han, C., Henderson, C.B., McGregor, D., Lee, C.-U., Pogge, R.W., Shin, I.-G., Yee, J.C., The μ FUN Collaboration, T. μ C., Szymański, M.K., Skowron, J., Poleski, R., Kozłowski, S., Wyrzykowski, Ł., Kubiak, M., Pietrukowicz, P., Pietrzyński, G., Soszyński, I., Ulaczyk, K., The OGLE Collaboration, T.O.C., Tsapras, Y., Street, R.A., Dominik, M., Bramich, D.M., Browne, P., Hundertmark, M., Kains, N., Snodgrass, C., Steele, I.A., The RoboNet Collaboration, T.R.C., Dekany, I., Gonzalez, O.A., Heyrovsky, D., Kandler, R., Kerins, E., Lucas, P.W., Minniti, D., Nagayama, T., Rejkuba, M., Robin, A.C., Saito, R., 2014, *MOA-2011-BLG-262Lb: A Sub-Earth-Mass Moon Orbiting a Gas Giant Primary or a High Velocity Planetary System in the Galactic Bulge*, ApJ, 785, 155
- Barbuy, B., Bawden Macanhan, V., Bristow, P., Castilho, B., Dekker, H., Delabre, B., Diaz, M., Gneiding, C., Kerber, F., Kuntschner, H., La Mura, G., Maciel, W., Meléndez, J., Pasquini, L., Pereira, C.B., Petitjean, P., Reiss, R., Siqueira-Mello, C., Smiljanic, R. & Vernet, J. 2014, *CUBES: cassegrain U-band Brazil-ESO spectrograph*, Ap&SS, 354, 191
- Cáceres, C., Kabath, P., Hoyer, S., Ivanov, V.D., Rojo, P., Girard, J.H., Miller-Ricci Kempton, E., Fortney, J.J. & Minniti, D. 2014, *Ground-based transit observations of the super-Earth GJ 1214 b*, A&A, 565, A7
- Baume, G., Rodríguez, M.J., Corti, M.A., Carraro, G. & Panei, J.A. 2014, *A deep and wide-field view at the IC 2944/2948 complex in Centaurus**, MNRAS, 443, 411
- Carraro, G., Monaco, L. & Villanova, S. 2014, *Abundance analysis of red clump stars in the old, inner disc, open cluster NGC 4337: a twin of NGC 752?*, A&A, 568, A86
- Parisi, M.C., Geisler, D., Carraro, G., Clariá, J.J., Costa, E., Grocholski, A.J., Sarajedini, A., Leiton, R. & Piatti, A.E. 2014, *Age Determination of 15 Old to Intermediate-age Small Magellanic Cloud Star Clusters*, AJ, 147, 71
- Carraro, G., Villanova, S., Monaco, L., Beccari, G., Ahumada, J.A. & Boffin, H.M.J. 2014, *Chemical abundance analysis of the old, rich open cluster Trumpler 20*, A&A, 562, A39
- Moni Bidin, C., Majaess, D., Bonatto, C., Mauro, F., Turner, D., Geisler, D., Chené, A.-N., Gormaz-Matamala, A.C., Borissova, J.,

- Kurtev, R.G., Minniti, D., Carraro, G., Gieren, W., 2014, *Investigating potential planetary nebula/cluster pairs*, A&A, 561, A119
- Carraro, G., Giorgi, E.E., Costa, E. & Vázquez, R.A. 2014, *NGC 4337: an overlooked old cluster in the inner disc of the Milky Way* ★, MNRAS, 441, L36
- Majaess, D., Carraro, G., Moni Bidin, C., Bonatto, C., Turner, D., Moyano, M., Berdnikov, L. & Giorgi, E. 2014, *On the crucial cluster Andrews-Lindsay 1 and a 4% distance solution for its planetary nebula*, A&A, 567, A1
- Hosek, M.W.J., Kudritzki, R.-P., Bresolin, F., Urbaneja, M.A., Evans, C.J., Pietrzyński, G., Gieren, W., Przybilla, N. & Carraro, G. 2014, *Quantitative Spectroscopy of Blue Supergiants in Metal-poor Dwarf Galaxy NGC 3109*, ApJ, 785, 151
- Bastian, N., Adamo, A., Schirmer, M., Hollyhead, K., Beletsky, Y., Carraro, G., Davies, B., Gieles, M. & Silva-Villa, E. 2014, *The effect of spatial resolution on optical and near-IR studies of stellar clusters: implications for the origin of the red excess*, MNRAS, 444, 3829
- Cummings, J.D., Geisler, D., Villanova, S. & Carraro, G. 2014, *Uncovering Multiple Populations with Washington Photometry. I. The Globular Cluster NGC 1851*, AJ, 148, 27
- Carraro, G., de Silva, G., Monaco, L., Milone, A.P. & Mateluna, R. 2014, *Updated properties of the old open cluster Melotte 66: Searching for multiple stellar populations*, A&A, 566, A39
- Chira, R.-A., Smith, R.J., Klessen, R.S. & Stutz, A.M. Shetty, R. 2014, *Line profiles of cores within clusters - III. What is the most reliable tracer of core collapse in dense clusters?*, MNRAS, 444, 874
- Fabrizio, M.H., Coccato, L., Bender, R., Drory, N., Gössel, C., Landriau, M., Saglia, R.P., Thomas, J. & Williams, M.J. 2014, *Regrowth of stellar discs in mature galaxies: the two-component nature of NGC 7217 revisited with VIRUS-W*, MNRAS, 441, 2212
- Coccato, L., Bramich, D.M., Freudling, W. & Moehler, S. 2014, *Removal of systematics in photometric measurements: static and rotating illumination corrections in FORS2@VLT data*, MNRAS, 438, 1256
- Coccato, L., Iodice, E. & Arnaboldi, M. 2014, *Spectral decomposition of the stellar kinematics in the polar disk galaxy NGC 4650A*, A&A, 569, A83
- Pizzella, A., Morelli, L., Corsini, E.M., Dalla Bontà, E., Coccato, L. & Sanjana, G. 2014, *The difference in age of the two counter-rotating stellar disks of the spiral galaxy NGC 4138*, A&A, 570, A79
- Vulcani, B., Bundy, K., Lackner, C., Leauthaud, A., Treu, T., Mei, S., Coccato, L., Kneib, J.P., Auger, M. & Nipoti, C. 2014, *Understanding the Unique Assembly History of Central Group Galaxies*, ApJ, 797, 62
- Whelan, E.T., Bonito, R., Antonucci, S., Alcalá, J.M., Giannini, T., Nisini, B., Bacciotti, F., Podio, L., Stelzer, B. & Comerón, F. 2014, *ESO-H α 574 and Par-Lup 3-4 jets: Exploring the spectral, kinematical, and physical properties*, A&A, 565, A80
- Boselli, A., Cortese, L. & Boquien, M. 2014, *Cold gas properties of the Herschel Reference Survey. I. 12CO(1-0) and HI data*, A&A, 564, A65
- Boselli, A., Cortese, L., Boquien, M., Boissier, S., Catinella, B., Lagos, C. & Saintonge, A. 2014, *Cold gas properties of the Herschel Reference Survey. II. Molecular and total gas scaling relations*, A&A, 564, A66
- Boselli, A., Cortese, L., Boquien, M., Boissier, S., Catinella, B., Gavazzi, G., Lagos, C. & Saintonge, A. 2014, *Cold gas properties of the Herschel Reference Survey. III. Molecular gas stripping in cluster galaxies*, A&A, 564, A67
- Cortese, L., Fritz, J., Bianchi, S., Boselli, A., Ciesla, L., Bendo, G.J., Boquien, M., Roussel, H., Baes, M., Buat, V., Clemens, M., Cooray, A., Cormier, D., Davies, J.I., De Looze, I., Eales, S.A., Fuller, C., Hunt, L.K., Madden, S., Muñoz-Mateos, J., Pappalardo, C., Pierini, D., Rémy-Ruyer, A., Sauvage, M., di Serego Alighieri, S., Smith, M.W.L., Spinoglio, L., Vaccari, M. & Vlahakis, C. 2014, *PACS photometry of the Herschel Reference Survey - far-infrared/submillimetre colours as tracers of dust properties in nearby galaxies*, MNRAS, 440, 942
- Voyer, E.N., Boselli, A., Boissier, S., Heinis, S., Cortese, L., Ferrarese, L., Cote, P., Cuillandre, J.-C., Gwyn, S.D.J., Peng, E.W., Zhang, H., Liu, C., 2014, *The GALEX Ultraviolet Virgo Cluster Survey (GUVICS). III. The ultraviolet source catalogs*, A&A, 569, A124
- De Looze, I., Cormier, D., Lebouteller, V., Madden, S., Baes, M., Bendo, G.J., Boquien, M., Boselli, A., Clements, D.L., Cortese, L., Cooray, A., Galametz, M., Galliano, F., Graciá-Carpio, J., Isaak, K., Karczewski, O.L., Parkin, T.J., Pellegrini, E.W., Rémy-Ruyer, A., Spinoglio, L., Smith, M.W.L. & Sturm, E. 2014, *The applicability of far-infrared fine-structure lines as star formation rate tracers over wide ranges of metallicities and galaxy types*, A&A, 568, A62
- Costigan, G., Vink, J.S., Scholz, A., Ray, T. & Testi, L. 2014, *Temperaments of young stars: rapid mass accretion rate changes in T Tauri and Herbig Ae stars*, MNRAS, 440, 3444
- Riechers, D.A., Carilli, C.L., Capak, P.L., Scoville, N.Z., Smolčić, V., Schinnerer, E., Yun, M., Cox, P., Bertoldi, F., Karim, A. & Yan, L. 2014, *ALMA Imaging of Gas and Dust in a Galaxy Protocluster at Redshift 5.3: [C II] Emission in "Typical" Galaxies and Dusty Starbursts ≈ 1 Billion Years after the Big Bang*, ApJ, 796, 84
- Ota, K., Walter, F., Ohta, K., Hatsukade, B., Carilli, C.L., da Cunha, E., González-López, J., Decarli, R., Hodge, J.A., Nagai, H., Egami, E., Jiang, L., Iye, M., Kashikawa, N., Riechers, D.A., Bertoldi, F., Cox, P., Neri, R. & Weiss, A. 2014, *ALMA Observation of 158 μm [C II] Line and Dust Continuum of a $z = 7$ Normally Star-forming Galaxy in the Epoch of Reionization*, ApJ, 792, 34
- Decarli, R., Smail, I., Walter, F., Swinbank, A.M., Chapman, S., Coppin, K.E.K., Cox, P., Dannerbauer, H., Greve, T.R., Hodge, J.A., Ivison, R., Karim, A., Knudsen, K.K., Lindroos, L., Rix, H.-W., Schinnerer, E., Simpson, J.M., van der Werf, P., Weiß, A., 2014, *An ALMA Survey of Sub-millimeter Galaxies in the Extended Chandra Deep Field South: Sub-millimeter Properties of Color-selected Galaxies*, ApJ, 780, 115
- Neri, R., Downes, D., Cox, P. & Walter, F. 2014, *High-resolution C+ imaging of HDF850.1 reveals a merging galaxy at $z = 5.185$* , A&A, 562, A35
- Decarli, R., Walter, F., Carilli, C., Bertoldi, F., Cox, P., Ferkinhoff, C., Groves, B., Maiolino, R., Neri, R., Riechers, D. & Weiss, A. 2014, *Varying [C II]/[N II] Line Ratios in the Interacting System BR1202-0725 at $z = 4.7$* , ApJ, 782, L17
- Mészáros, L., Jaskó, A., Pál, A. & Csépany, G. 2014, *Accurate Telescope Mount Positioning with MEMS Accelerometers*, PASP, 126, 769
- Bonifazi, P., Rahmani, H., Whitmore, J.B., Wendt, M., Centurion, M., Molaro, P., Srianand, R., Murphy, M.T., Petitjean, P., Agafonova, I.I., D'Odorico, S., Evans, T.M., Levshakov, S.A., Lopez, S., Martins, C.J.A.P., Reimers, D. & Vladilo, G. 2014, *Fundamental constants and high-resolution spectroscopy*, AN, 335, 83
- Evans, T.M., Murphy, M.T., Whitmore, J.B., Misawa, T., Centurion, M., D'Odorico, S., Lopez, S., Martins, C.J.A.P., Molaro, P., Petitjean, P., Rahmani, H., Srianand, R. & Wendt, M. 2014, *The UVES Large Program for testing fundamental physics - III. Constraints on the fine-structure constant from three telescopes*, MNRAS, 445, 128
- Davis, T.A. 2014, *A figure of merit for black hole mass measurements with molecular gas*, MNRAS, 443, 911
- McDermid, R.M., Cappellari, M., Alatalo, K., Bayet, E., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Crocker, A.F., Davies, R.L., Davis, T.A., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Weijmans, A.-M., Young, L.M., 2014, *Connection between Dynamically Derived Initial Mass Function Normalization and Stellar Population Parameters*, ApJ, 792, L37

- Topal, S., Bayet, E., Bureau, M., Davis, T.A. & Walsh, W. 2014, *Molecular gas properties of the giant molecular cloud complexes in the arms and inter-arms of the spiral galaxy NGC 6946*, MNRAS, 437, 1434
- Alatalo, K., Nyland, K., Graves, G., Deustua, S., Shapiro Griffin, K., Duc, P.-A., Cappellari, M., McDermid, R.M., Davis, T.A., Crocker, A.F., Young, L.M., Chang, P., Scott, N., Cales, S.L., Bayet, E., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Davies, R.L., de Zeeuw, P.T., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Serra, P., Weijmans, A.-M., 2014, *NGC 1266 as a Local Candidate for Rapid Cessation of Star Formation*, ApJ, 780, 186
- Davis, T.A. 2014, *Systematic variation of the 12CO/13CO ratio as a function of star formation rate surface density*, MNRAS, 445, 2378
- Davis, T.A., Young, L.M., Crocker, A.F., Bureau, M., Blitz, L., Alatalo, K., Emsellem, E., Naab, T., Bayet, E., Bois, M., Bournaud, F., Cappellari, M., Davies, R.L., de Zeeuw, P.T., Duc, P.-A., Khochfar, S., Krajnović, D., Kuntschner, H., McDermid, R.M., Morganti, R., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Weijmans, A.-M., 2014, *The ATLAS3D Project - XXVIII. Dynamically driven star formation suppression in early-type galaxies*, MNRAS, 444, 3427
- Young, L.M., Scott, N., Serra, P., Alatalo, K., Bayet, E., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Crocker, A.F., Cappellari, M., Davies, R.L., Davis, T.A., de Zeeuw, P.T., Duc, P.-A., Emsellem, E., Khochfar, S., Krajnović, D., Kuntschner, H., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Weijmans, A.-M., 2014, *The ATLAS3D project - XXVII. Cold gas and the colours and ages of early-type galaxies*, MNRAS, 444, 3408
- Fuller, C., Davies, J.I., Auld, R., Smith, M.W.L., Baes, M., Bianchi, S., Bocchio, M., Boselli, A., Clemens, M., Davis, T.A., De Looze, I., di Serego Alighieri, S., Grossi, M., Hughes, T.M., Viaene, S. & Serra, P. 2014, *The Herschel Fornax Cluster Survey II: FIR properties of optically selected Fornax cluster galaxies*, MNRAS, 440, 1571
- De Breuck, C., Williams, R.J., Swinbank, M., Caselli, P., Coppin, K., Davis, T.A., Maiolino, R., Nagao, T., Smail, I., Walter, F., Weiß, A. & Zwaan, M.A. 2014, *ALMA resolves turbulent, rotating [CII] emission in a young starburst galaxy at $z = 4.8$* , A&A, 565, A59
- Simpson, J.M., Swinbank, A.M., Smail, I., Alexander, D.M., Brandt, W.N., Bertoldi, F., de Breuck, C., Chapman, S.C., Coppin, K.E.K., da Cunha, E., Danielson, A.L.R., Dannerbauer, H., Greve, T.R., Hodge, J.A., Ivison, R.J., Karim, A., Knudsen, K.K., Poggianti, B.M., Schinnerer, E., Thomson, A.P., Walter, F., Wardlow, J.L., Weiß, A. & van der Werf, P.P. 2014, *An ALMA Survey of Submillimeter Galaxies in the Extended Chandra Deep Field South: The Redshift Distribution and Evolution of Submillimeter Galaxies*, ApJ, 788, 125
- Swinbank, A.M., Simpson, J.M., Smail, I., Harrison, C.M., Hodge, J.A., Karim, A., Walter, F., Alexander, D.M., Brandt, W.N., de Breuck, C., da Cunha, E., Chapman, S.C., Coppin, K.E.K., Danielson, A.L.R., Dannerbauer, H., Decarli, R., Greve, T.R., Ivison, R.J., Knudsen, K.K., Lagos, C.D.P., Schinnerer, E., Thomson, A.P., Wardlow, J.L., Weiß, A. & van der Werf, P. 2014, *An ALMA survey of sub-millimetre Galaxies in the Extended Chandra Deep Field South: the far-infrared properties of SMGs*, MNRAS, 438, 1267
- Dannerbauer, H., Kurk, J.D., De Breuck, C., Wylezalek, D., Santos, J.S., Koyama, Y., Seymour, N., Tanaka, M., Hatch, N., Altieri, B., Coia, D., Galametz, A., Kodama, T., Miley, G., Röttgering, H., Sanchez-Portal, M., Valtchanov, I., Venemans, B. & Ziegler, B. 2014, *An excess of dusty starbursts related to the Spiderweb galaxy*, A&A, 570, A55
- Emonts, B.H.C., Norris, R.P., Feain, I., Mao, M.Y., Ekers, R.D., Miley, G., Seymour, N., Röttgering, H.J.A., Villar-Martín, M., Sadler, E.M., Carilli, C.L., Mahony, E.K., de Breuck, C., Stroe, A., Pentericci, L., van Moorsel, G.A., Drouart, G., Ivison, R.J., Greve, T.R., Humphrey, A., Wylezalek, D. & Tadhunter, C.N. 2014, *CO(1-0) survey of high-z radio galaxies: alignment of molecular halo gas with distant radio sources*, MNRAS, 438, 2898
- Rigby, E.E., Hatch, N.A., Röttgering, H.J.A., Sibthorpe, B., Chiang, Y.K., Overzier, R., Herbonnet, R., Borgani, S., Clements, D.L., Dannerbauer, H., De Breuck, C., De Lucia, G., Kurk, J., Maschietto, F., Miley, G., Saro, A., Seymour, N. & Venemans, B. 2014, *Searching for large-scale structures around high-redshift radio galaxies with Herschel*, MNRAS, 437, 1882
- Hales, A.S., De Gregorio-Monsalvo, I., Montesinos, B., Casassus, S., Dent, W.F.R., Dougados, C., Eiroa, C., Hughes, A.M., Garay, G., Mardones, D., Ménard, F., Palau, A., Pérez, S., Phillips, N., Torrelles, J.M. & Wilner, D. 2014, *A CO Survey in Planet-forming Disks: Characterizing the Gas Content in the Epoch of Planet Formation*, AJ, 148, 47
- De Pascale, M., Worley, C.C., de Laverny, P., Recio-Blanco, A., Hill, V. & Bijaoui, A. 2014, *The AMBRE project: Parameterisation of FGK-type stars from the ESO:HARPS archived spectra*, A&A, 570, A68
- Chesneau, O., Millour, F., De Marco, O., Bright, S.N., Spang, A., Lagadec, E., Mékarnia, D. & de Wit, W.J. 2014, *The RCB star V854 Centauri is surrounded by a hot dusty shell*, A&A, 569, L4
- Weijmans, A.-M., de Zeeuw, P.T., Emsellem, E., Krajnović, D., Lablanche, P.-Y., Alatalo, K., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Cappellari, M., Crocker, A.F., Davies, R.L., Davis, T.A., Duc, P.-A., Khochfar, S., Kuntschner, H., McDermid, R.M., Morganti, R., Naab, T., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Verdoes Kleijn, G., Young, L.M., 2014, *The ATLAS 3D project - XXIV. The intrinsic shape distribution of early-type galaxies*, MNRAS, 444, 3340
- Pepe, F., Molaro, P., Cristiani, S., Rebolo, R., Santos, N.C., Dekker, H., Mégevand, D., Zerbi, F.M., Cabral, A., Di Marcantonio, P., Abreu, M., Affolter, M., Aliverti, M., Allende Prieto, C., Amate, M., Avila, G., Baldini, V., Bristow, P., Broeg, C., Cirami, R., Coelho, J., Conconi, P., Coretti, I., Cupani, G., D'Odorico, V., De Caprio, V., Delabre, B., Dorn, R., Figueira, P., Fragoso, A., Galeotta, S., Genolet, L., Gomes, R., González Hernández, J.I., Hughes, I., Iwert, O., Kerber, F., Landoni, M., Lizon, J.-L., Lovis, C., Maire, C., Mannetta, M., Martins, C., Monteiro, M., Oliveira, A., Poretti, E., Rasilla, J.L., Riva, M., Santana Tschudi, S., Santos, P., Sosnowska, D., Sousa, S., Spanó, P., Tenegi, F., Toso, G., Vanzella, E., Viel, M., Zapatero Osorio, M.R., 2014, *ESPRESSO: The next European exoplanet hunter*, AN, 335, 8
- Walsh, C., Juhász, A., Pinilla, P., Harsono, D., Mathews, G.S., Dent, W.R.F., Hogerheijde, M.R., Birnstiel, T., Meeus, G., Nomura, H., Aikawa, Y., Millar, T.J. & Sandell, G. 2014, *ALMA Hints at the Presence of two Companions in the Disk around HD 100546*, ApJ, 791, L6
- Carmona, A., Pinte, C., Thi, W.F., Benisty, M., Ménard, F., Grady, C., Kamp, I., Woitke, P., Olofsson, J., Roberge, A., Brittain, S., Duchêne, G., Meeus, G., Martin-Zaidi, C., Dent, B., Le Bouquin, J.B. & Berger, J.P. 2014, *Constraining the structure of the transition disk HD 135344B (SAO 206462) by simultaneous modeling of multiwavelength gas and dust observations*, A&A, 567, A51
- Greaves, J.S., Sibthorpe, B., Acke, B., Pantin, E.E., Vandenbussche, B., Olofsson, G., Dominik, C., Barlow, M.J., Bendo, G.J., Blommaert, J.A.D.L., Brandeker, A., de Vries, B.L., Dent, W.R.F., Di Francesco, J., Fridlund, M., Gear, W.K., Harvey, P.M., Hogerheijde, M.R., Holland, W.S., Ivison, R.J., Liseau, R., Matthews, B.C., Pilbratt, G.L., Walker, H.J. & Waelkens, C. 2014, *Extreme Conditions in a Close Analog to the Young Solar System: Herschel Observations of epsilon Eridani*, ApJ, 791, L11
- Riviere-Marichalar, P., Barrado, D., Montesinos, B., Duchêne, G., Bouy, H., Pinte, C., Menard, F., Donaldson, J., Eiroa, C., Krivov, A.V., Kamp, I., Mendigutía, I., Dent, W.R.F. & Lillo-Box, J. 2014, *Gas and dust in the beta Pictoris moving group as seen by the Herschel Space Observatory*, A&A, 565, A68

- Thi, W.-F., Pinte, C., Pantin, E., Augereau, J.C., Meeus, G., Ménard, F., Martin-Zaidi, C., Woitke, P., Riviere-Marichalar, P., Kamp, I., Carmona, A., Sandell, G., Eiroa, C., *Dent, W.*, Montesinos, B., Aresu, G., Meijerink, R., Spaans, M., White, G., Ardila, D., Lebreton, J. & Mendigutía, I. *Brittain, S.* 2014, *Gas lines from the 5-Myr old optically thin disk around HD 141569A. Herschel observations and modeling*, *A&A*, 561, A50
- Keane, J.T., Pascucci, I., Espaillat, C., Woitke, P., Andrews, S., Kamp, I., Thi, W.-F., Meeus, G., *Dent, W.R.F.*, 2014, *Herschel Evidence for Disk Flattening or Gas Depletion in Transitional Disks*, *ApJ*, 787, 153
- Osorio, M., Anglada, G., Carrasco-González, C., Torrelles, J.M., Macías, E., Rodríguez, L.F., Gómez, J.F., D'Alessio, P., Calvet, N., Nagel, E., *Dent, W.R.F.*, Quanz, S.P., Reggiani, M. & Mayen-Gijon, J.M. 2014, *Imaging the Inner and Outer Gaps of the Pre-transitional Disk of HD 169142 at 7 mm*, *ApJ*, 791, L36
- Dent, W.R.F.*, Wyatt, M.C., Roberge, A., Augereau, J.-C., Casassus, S., Corder, S., Greaves, J.S., de Gregorio-Monsalvo, I., Hales, A., Jackson, A.P., Hughes, A.M., Lagrange, A.-M., Matthews, B., Wilner, D., 2014, *Molecular Gas Clumps from the Destruction of Icy Bodies in the β Pictoris Debris Disk*, *Sci*, 343, 1490
- Davis, P.J., Siess, L. & Deschamps, R. 2014, *Binary evolution using the theory of osculating orbits. I. Conservative Algol evolution*, *A&A*, 570, A25
- Dias, B., Kerber, L.O., Barbuy, B., Santiago, B., Ortolani, S. & Balbinot, E. 2014, *Self-consistent physical parameters for five intermediate-age SMC stellar clusters from CMD modelling*, *A&A*, 561, A106
- Kolehmainen, M., Done, C. & Díaz Trigo, M. 2014, *The soft component and the iron line as signatures of the disc inner radius in Galactic black hole binaries*, *MNRAS*, 437, 316
- Madej, O.K., Jonker, P.G., Díaz Trigo, M. & Miškovičová, I. 2014, *Variable Doppler shifts of the thermal wind absorption lines in low-mass X-ray binaries*, *MNRAS*, 438, 145
- Díaz Trigo, M., Migliari, S., Miller-Jones, J.C.A. & Guainazzi, M. 2014, *XMM-Newton observations reveal the disappearance of the wind in 4U 1630-47*, *A&A*, 571, A76
- Dipierro, G., Lodato, G., Testi, L. & de Gregorio Monsalvo, I. 2014, *How to detect the signatures of self-gravitating circumstellar discs with the Atacama Large Millimeter/sub-millimeter Array*, *MNRAS*, 444, 1919
- Różańska, A., Nikołajuk, M., Czerny, B., Dobrzycki, A., Hryniewicz, K., Bechtold, J. & Ebeling, H. 2014, *Absorption features in the quasar HS 1603 + 3820 II. Distance to the absorber obtained from photoionisation modelling*, *NewA*, 28, 70
- Drouart, G., De Breuck, C., Vernet, J., Seymour, N., Lehnert, M., Barthel, P., Bauer, F.E., Ibar, E., Galametz, A., Haas, M., Hatch, N., Mullaney, J.R., Nesvadba, N., Rocca-Volmerange, B., Röttgering, H.J.A., Stern, D. & Wylezalek, D. 2014, *Rapidly growing black holes and host galaxies in the distant Universe from the Herschel Radio Galaxy Evolution Project*, *A&A*, 566, A53
- Bonnefoy, M., Chauvin, G., Lagrange, A.-M., Rojo, P., Allard, F., Pinte, C., Dumas, C., Homeier, D. 2014, *A library of near-infrared integral field spectra of young M-L dwarfs*, *A&A*, 562, A127
- Drummond, J.D., Carry, B., Merline, W.J., Dumas, C., Hammel, H., Erard, S., Conrad, A., Tamblin, P. & Chapman, C.R. 2014, *Dwarf planet Ceres: Ellipsoid dimensions and rotational pole from Keck and VLT adaptive optics images*, *Icar*, 236, 28
- Renner, S., Sicardy, B., Souami, D., Carry, B. & Dumas, C. 2014, *Neptune's ring arcs: VLT/NACO near-infrared observations and a model to explain their stability*, *A&A*, 563, A133
- Elliott, P., Bayo, A., Melo, C.H.F., Torres, C.A.O., Sterzik, M. & Quast, G.R. 2014, *Search for associations containing young stars (SACY). V. Is multiplicity universal? Tight multiple systems*, *A&A*, 568, A26
- Emsellem, E.*, Krajnović, D. & Sarzi, M. 2014, *A kinematically distinct core and minor-axis rotation: the MUSE perspective on M87*, *MNRAS*, 445, L79
- Davies, R.L., Maciejewski, W., Hicks, E.K.S., *Emsellem, E.*, Erwin, P., Burtcher, L., Dumas, G., Lin, M., Malkan, M.A., Müller-Sánchez, F., Orban de Xivry, G., Rosario, D.J., Schnorr-Müller, A. & Tran, A. 2014, *Fueling Active Galactic Nuclei. II. Spatially Resolved Molecular Inflows and Outflows*, *ApJ*, 792, 101
- Duc, P.-A., Paudel, S., McDermid, R.M., Cuillandre, J.-C., Serra, P., Bournaud, F., Cappellari, M., *Emsellem, E.*, 2014, *Identification of old tidal dwarfs near early-type galaxies from deep imaging and H I observations*, *MNRAS*, 440, 1458
- Khedekar, S., Churazov, E., Sazonov, S., Sunyaev, R. & *Emsellem, E.* 2014, *Scattering of emission lines in galaxy cluster cores: measuring electron temperature*, *MNRAS*, 441, 1537
- Toloba, E., Guhathakurta, P., Peletier, R.F., Boselli, A., Lisker, T., Falcón-Barroso, J., Simon, J.D., van de Ven, G., Paudel, S., *Emsellem, E.*, Janz, J., den Brok, M., Gorgas, J., Hensler, G., Laurikainen, E., Niemi, S.-M., Ryš, A., Salo, H., 2014, *Stellar Kinematics and Structural Properties of Virgo Cluster Dwarf Early-type Galaxies from the SMAKCED Project. II. The Survey and a Systematic Analysis of Kinematic Anomalies and Asymmetries*, *ApJS*, 215, 17
- Naab, T., Oser, L., *Emsellem, E.*, Cappellari, M., Krajnović, D., McDermid, R.M., Alatalo, K., Bayet, E., Blitz, L., Bois, M., Bournaud, F., Bureau, M., Crocker, A., Davies, R.L., Davis, T.A., de Zeeuw, P.T., Duc, P.-A., Hirschmann, M., Johansson, P.H., Khochfar, S., Kuntschner, H., Morganti, R., Oosterloo, T., Sarzi, M., Scott, N., Serra, P., Ven, G.v.d., Weijmans, A., Young, L.M., 2014, *The ATLAS3D project - XXV. Two-dimensional kinematic analysis of simulated galaxies and the cosmological origin of fast and slow rotators*, *MNRAS*, 444, 3357
- Serra, P., Oser, L., Krajnović, D., Naab, T., Oosterloo, T., Morganti, R., Cappellari, M., *Emsellem, E.*, Young, L.M., Blitz, L., Davis, T.A., Duc, P.-A., Hirschmann, M., Weijmans, A.-M., Alatalo, K., Bayet, E., Bois, M., Bournaud, F., Bureau, M., Crocker, A.F., Davies, R.L., de Zeeuw, P.T., Khochfar, S., Kuntschner, H., Lablanche, P.-Y., McDermid, R.M., Sarzi, M., Scott, N., 2014, *The ATLAS3D project - XXVI. H I discs in real and simulated fast and slow rotators*, *MNRAS*, 444, 3388
- Muñoz, R.P., Puzia, T.H., Lançon, A., Peng, E.W., Côté, P., Ferrarese, L., Blakeslee, J.P., Mei, S., Cuillandre, J.-C., Hudelot, P., Courteau, S., Duc, P.-A., Balogh, M.L., Boselli, A., Bournaud, F., Carberg, R.G., Chapman, S.C., Durrell, P., Eigenthaler, P., *Emsellem, E.*, Gavazzi, G., Gwyn, S., Huertas-Company, M., Ilbert, O., Jordán, A., Läsker, R., Licita, R., Liu, C., MacArthur, L., McConnachie, A., McCracken, H.J., Mellier, Y., Peng, C.Y., Raichoor, A., Taylor, M.A., Tonry, J.L., Tully, R.B., Zhang, H., 2014, *The Next Generation Virgo Cluster Survey-Infrared (NGVS-IR). I. A New Near-Ultraviolet, Optical, and Near-Infrared Globular Cluster Selection Tool*, *ApJS*, 210, 4
- Zhu, L., Long, R.J., Mao, S., Peng, E.W., Liu, C., Caldwell, N., Li, B., Blakeslee, J.P., Côté, P., Cuillandre, J.-C., Durrell, P., *Emsellem, E.*, Ferrarese, L., Gwyn, S., Jordán, A., Lançon, A., Mei, S., Muñoz, R., Puzia, T., 2014, *The Next Generation Virgo Cluster Survey. V. Modeling the Dynamics of M87 with the Made-to-measure Method*, *ApJ*, 792, 59
- Durrell, P.R., Côté, P., Peng, E.W., Blakeslee, J.P., Ferrarese, L., Mihos, J.C., Puzia, T.H., Lançon, A., Liu, C., Zhang, H., Cuillandre, J.-C., McConnachie, A., Jordán, A., Accetta, K., Boissier, S., Boselli, A., Courteau, S., Duc, P.-A., *Emsellem, E.*, Gwyn, S., Mei, S., Taylor, J.E., 2014, *The Next Generation Virgo Cluster Survey. VIII. The Spatial Distribution of Globular Clusters in the Virgo Cluster*, *ApJ*, 794, 103
- Kraljic, K., Renaud, F., Bournaud, F., Combes, F., Elmegreen, B., *Emsellem, E.* & Teyssier, R. 2014, *The Role of Turbulence in Star Formation Laws and Thresholds*, *ApJ*, 784, 112

- Ertel, S., Absil, O., Defrère, D., Le Bouquin, J.-B., Augereau, J.-C., Marion, L., Blind, N., Bonsor, A., Bryden, G., Lebreton, J., Milli, J., 2014, *A near-infrared interferometric survey of debris-disk stars. IV. An unbiased sample of 92 southern stars observed in H band with VLTI/PIONIER*, A&A, 570, A128
- Schüppler, C., Löhne, T., Krivov, A.V., Ertel, S., Marshall, J.P. & Eiroa, C. 2014, *Collisional modelling of the debris disc around HIP 17439*, A&A, 567, A127
- Marshall, J.P., Kirchschrager, F., Ertel, S., Augereau, J.-C., Kennedy, G.M., Booth, M., Wolf, S., Montesinos, B., Eiroa, C., Matthews, B., 2014, *Interpreting the extended emission around three nearby debris disc host stars*, A&A, 570, A114
- Ertel, S., Marshall, J.P., Augereau, J.-C., Krivov, A.V., Löhne, T., Eiroa, C., Mora, A., del Burgo, C., Montesinos, B., Bryden, G., Danchi, W., Kirchschrager, F., Liseau, R., Maldonado, J., Pilbratt, G.L., Schüppler, C., Thébault, P., White, G.J., Wolf, S. 2014, *Potential multi-component structure of the debris disk around HIP 17439 revealed by Herschel/DUNES*, A&A, 561, A114
- Marion, L., Absil, O., Ertel, S., Le Bouquin, J.-B., Augereau, J.-C., Blind, N., Defrère, D., Lebreton, J., Milli, J., 2014, *Searching for faint companions with VLTI/PIONIER. II. 92 main sequence stars from the Exozodi survey*, A&A, 570, A127
- Scott, T.C., Sengupta, C., Verdes Montenegro, L., Bosma, A., Athanassoula, E., Sulentic, J., Espada, D., Yun, M.S. & Argudo-Fernández, M. 2014, *A ~ 12 kpc H I extension and other H I asymmetries in the isolated galaxy CIG 340 (IC 2487)*, A&A, 567, A56
- Argudo-Fernández, M., Verley, S., Bergond, G., Sulentic, J., Sabater, J., Fernández Lorenzo, M., Espada, D., Leon, S., Sánchez-Expósito, S., Santander-Vela, J.D. & Verdes-Montenegro, L. 2014, *Effects of the environment on galaxies in the Catalogue of Isolated Galaxies: physical satellites and large scale structure*, A&A, 564, A94
- Feldmeier, A., Neumayer, N., Seth, A., Schödel, R., Lützgendorf, N., de Zeeuw, P.T., Kissler-Patig, M., Nishiyama, S. & Walcher, C.J. 2014, *Large scale kinematics and dynamical modelling of the Milky Way nuclear star cluster*, A&A, 570, A2
- Schödel, R., Feldmeier, A., Kunneriath, D., Stolovy, S., Neumayer, N., Amaro-Seoane, P. & Nishiyama, S. 2014, *Surface brightness profile of the Milky Way's nuclear star cluster*, A&A, 566, A47
- Schödel, R., Feldmeier, A., Neumayer, N., Meyer, L. & Yelda, S. 2014, *The nuclear cluster of the Milky Way: our primary testbed for the interaction of a dense star cluster with a massive black hole*, CQGra, 31, 244007
- Gilli, R., Norman, C., Vignali, C., Vanzella, E., Calura, F., Pozzi, F., Massardi, M., Mignano, A., Casasola, V., Daddi, E., Elbaz, D., Dickinson, M., Iwasawa, K., Maiolino, R., Brusa, M., Vito, F., Fritz, J., Feltre, A., Cresci, G., Mignoli, M., Comastri, A. & Zamorani, G. 2014, *ALMA reveals a warm and compact starburst around a heavily obscured supermassive black hole at $z = 4.75$* , A&A, 562, A67
- Delvecchio, I., Gruppioni, C., Pozzi, F., Berta, S., Zamorani, G., Cimatti, A., Lutz, D., Scott, D., Vignali, C., Cresci, G., Feltre, A., Cooray, A., Vaccari, M., Fritz, J., Le Floch, E., Magnelli, B., Popesso, P., Oliver, S., Bock, J., Carollo, M., Contini, T., Le Fèvre, O., Lilly, S., Mainieri, V., Renzini, A. & Scodreggio, M. 2014, *Tracing the cosmic growth of supermassive black holes to $z \sim 3$ with Herschel*, MNRAS, 439, 2736
- Fensch, J., Mieske, S., Müller-Seidlitz, J. & Hilker, M. 2014, *The colour-magnitude relation of globular clusters in Centaurus and Hydra. Constraints on star cluster self-enrichment with a link to massive Milky Way globular clusters*, A&A, 567, A105
- Henderson, C.B., Park, H., Sumi, T., Udalski, A., Gould, A., Tsapras, Y., Han, C., Gaudi, B.S., Bozza, V., Abe, F., Bennett, D.P., Bond, I.A., Botzler, C.S., Freeman, M., Fukui, A., Fukunaga, D., Itow, Y., Koshimoto, N., Ling, C.H., Masuda, K., Matsubara, Y., Muraki, Y., Namba, S., Ohnishi, K., Rattenbury, N.J., Saito, T., Sullivan, D.J., Suzuki, D., Sweatman, W.L., Tristram, P.J., Tsurumi, N., Wada, K., Yamai, N., Yock, P.C.M., Yonehara, A., MOA Collaboration, M.C., Szymański, M.K., Kubiak, M., Pietrzyński, G., Soszyński, I., Skowron, J., Kozłowski, S., Poleski, R., Ulaczyk, K., Wyrzykowski, Ł., Pietrukowicz, P., The OGLE Collaboration, T.O.C., Almeida, L.A., Bos, M., Choi, J.-Y., Christie, G.W., Depoy, D.L., Dong, S., Friedmann, M., Hwang, K.-H., Jablonski, F., Jung, Y.K., Kaspi, S., Lee, C.-U., Maoz, D., McCormick, J., Moorhouse, D., Natusch, T., Ngan, H., Pogge, R.W., Shin, I.-G., Shvartzvald, Y., Tan, T.-G., Thornley, G., Yee, J.C., The μ FUN Collaboration, T. μ C., Allan, A., Bramich, D.M., Browne, P., Dominik, M., Horne, K., Hundertmark, M., Figuera Jaimes, R., Kains, N., Snodgrass, C., Steele, I.A., Street, R.A., The RoboNet Collaboration, T.R.C., 2014, *Candidate Gravitational Microlensing Events for Future Direct Lens Imaging*, ApJ, 794, 71
- Southworth, J., Hinse, T.C., Burgdorf, M., Calchi Novati, S., Dominik, M., Galianni, P., Gerner, T., Giannini, E., Gu, S.-H., Hundertmark, M., Jørgensen, U.G., Juncher, D., Kerins, E., Mancini, L., Rabus, M., Ricci, D., Schäfer, S., Skottfelt, J., Tregloan-Reed, J., Wang, X.-B., Wertz, O., Alsubai, K.A., Andersen, J.M., Bozza, V., Bramich, D.M., Browne, P., Ciceri, S., D'Ago, G., Damerdj, Y., Diehl, C., Dodds, P., Elyiv, A., Fang, X.-S., Finet, F., Figuera Jaimes, R., Hardis, S., Harpsøe, K., Jessen-Hansen, J., Kains, N., Kjeldsen, H., Korhonen, H., Liebig, C., Lund, M.N., Lundkvist, M., Mathiasen, M., Penny, M.T., Popovas, A., Prof., S., Rahvar, S., Sahu, K., Scarpetta, G., Schmidt, R.W., Schönebeck, F., Snodgrass, C., Street, R.A., Surdej, J., Tsapras, Y., Vilela, C., 2014, *High-precision photometry by telescope defocussing - VI. WASP-24, WASP-25 and WASP-26*, MNRAS, 444, 776
- Yee, J.C., Han, C., Gould, A., Skowron, J., Bond, I.A., Udalski, A., Hundertmark, M., Monard, L.A.G., Porritt, I., Nelson, P., Bozza, V., Albrow, M.D., Choi, J.-Y., Christie, G.W., DePoy, D.L., Gaudi, B.S., Hwang, K.-H., Jung, Y.K., Lee, C.-U., McCormick, J., Natusch, T., Ngan, H., Park, H., Pogge, R.W., Shim, I.-G., Tan, T.-G., The μ FUN Collaboration, T. μ C., Figuera Jaimes, R., 2014, *MOA-2013-BLG-220Lb: Massive Planetary Companion to Galactic-disk Host*, ApJ, 790, 14
- Dong, S., Katz, B., Prieto, J.L., Udalski, A., Kozłowski, S., Street, R.A., Bramich, D.M., Tsapras, Y., Hundertmark, M., Snodgrass, C., Horne, K., Dominik, M. & Figuera Jaimes, R. 2014, *OGLE-LMC-ECL-11893: The Discovery of a Long-period Eclipsing Binary with a Circumstellar Disk*, ApJ, 788, 41
- Mancini, L., Southworth, J., Ciceri, S., Dominik, M., Henning, T., Jørgensen, U.G., Lanza, A.F., Rabus, M., Snodgrass, C., Vilela, C., Alsubai, K.A., Bozza, V., Bramich, D.M., Calchi Novati, S., D'Ago, G., Figuera Jaimes, R., Galianni, P., Gu, S.-H., Harpsøe, K., Hinse, T., Hundertmark, M., Juncher, D., Kains, N., Korhonen, H., Popovas, A., Rahvar, S., Skottfelt, J., Street, R., Surdej, J., Tsapras, Y., Wang, X.-B., Wertz, O., 2014, *Physical properties and transmission spectrum of the WASP-80 planetary system from multi-colour photometry*, A&A, 562, A126
- Mancini, L., Southworth, J., Ciceri, S., Calchi Novati, S., Dominik, M., Henning, T., Jørgensen, U.G., Korhonen, H., Nikolov, N., Alsubai, K.A., Bozza, V., Bramich, D.M., D'Ago, G., Figuera Jaimes, R., Galianni, P., Gu, S.-H., Harpsøe, K., Hinse, T.C., Hundertmark, M., Juncher, D., Kains, N., Popovas, A., Rabus, M., Rahvar, S., Skottfelt, J., Snodgrass, C., Street, R., Surdej, J., Tsapras, Y., Vilela, C., Wang, X.-B., Wertz, O., 2014, *Physical properties of the WASP-67 planetary system from multi-colour photometry*, A&A, 568, A127
- Foster, C., Lux, H., Romanowsky, A.J., Martínez-Delgado, D., Zibetti, S., Arnold, J.A., Brodie, J.P., Ciardullo, R., GaBany, R.J., Merrifield, M.R., Singh, N. & Strader, J. 2014, *Kinematics and simulations of the stellar stream in the halo of the Umbrella Galaxy*, MNRAS, 442, 3544
- Blom, C., Forbes, D.A., Foster, C., Romanowsky, A.J. & Brodie, J.P. 2014, *The SLUGGS Survey: new evidence for a tidal interaction*

- between the early-type galaxies NGC 4365 and NGC 4342, MNRAS, 439, 2420
- Busch, G., Zuther, J., Valencia-S., M., Moser, L., Fischer, S., Eckart, A., Scharwächter, J., Gadotti, D.A. & Wisotzki, L. 2014, *A low-luminosity type-1 QSO sample. I. Overluminous host spheroidals or undermassive black holes*, A&A, 561, A140
- Elmegreen, D.M., Elmegreen, B.G., Erroz-Ferrer, S., Knapen, J.H., Teich, Y., Popinchalk, M., Athanassoula, E., Bosma, A., Comerón, S., Efremov, Y.N., Gadotti, D.A., Gil de Paz, A., Hinz, J.L., Ho, L.C., Holwerda, B., Kim, T., Laine, J., Laurikainen, E., Menéndez-Delmestre, K., Mizusawa, T., Muñoz-Mateos, J.-C., Regan, M.W., Salo, H., Seibert, M., Sheth, K., 2014, *Embedded Star Formation in S4G Galaxy Dust Lanes*, ApJ, 780, 32
- Holwerda, B.W., Muñoz-Mateos, J.-C., Comerón, S., Meidt, S., Sheth, K., Laine, S., Hinz, J.L., Regan, M.W., Gil de Paz, A., Menéndez-Delmestre, K., Seibert, M., Kim, T., Mizusawa, T., Laurikainen, E., Salo, H., Laine, J., Gadotti, D.A., Zaritsky, D., Erroz-Ferrer, S., Ho, L.C., Knapen, J.H., Athanassoula, E., Bosma, A. & Pirzkal, N. 2014, *Morphological Parameters of a Spitzer Survey of Stellar Structure in Galaxies*, ApJ, 781, 12
- Eufrazio, R.T., Dwek, E., Arendt, R.G., de Mello, D.F., Gadotti, D.A., Urrutia-Viscarrá, F., Mendes de Oliveira, C. & Benford, D.J. 2014, *Star Formation Histories across the Interacting Galaxy NGC 6872, the Largest-known Spiral*, ApJ, 795, 89
- Zaritsky, D., Courtois, H., Muñoz-Mateos, J.-C., Sorce, J., Erroz-Ferrer, S., Comerón, S., Gadotti, D.A., Gil de Paz, A., Hinz, J.L., Laurikainen, E., Kim, T., Laine, J., Menéndez-Delmestre, K., Mizusawa, T., Regan, M.W., Salo, H., Seibert, M., Sheth, K., Athanassoula, E., Bosma, A., Cisternas, M., Ho, L.C., Holwerda, B. 2014, *The Baryonic Tully-Fisher Relationship for S4G Galaxies and the "Condensed" Baryon Fraction of Galaxies*, AJ, 147, 134
- Hughes, T.M., Baes, M., Fritz, J., Smith, M.W.L., Parkin, T.J., Gentile, G., Bendo, G.J., Wilson, C.D., Allaert, F., Bianchi, S., De Looze, I., Verstappen, J., Viaene, S., Boquien, M., Boselli, A., Clements, D.L., Davies, J.I., Galametz, M., Madden, S.C., Rémy-Ruyer, A. & Spinoglio, L. 2014, *A resolved analysis of cold dust and gas in the nearby edge-on spiral NGC 891*, A&A, 565, A4
- Galametz, M., Albrecht, M., Kennicutt, R., Aniano, G., Bertoldi, F., Calzetti, D., Croxall, K.V., Dale, D., Draine, B., Engelbracht, C., Gordon, K., Hinz, J., Hunt, L.K., Kirkpatrick, A., Murphy, E., Roussel, H., Skibba, R.A., Walter, F., Weiss, A. & Wilson, C.D. 2014, *Dissecting the origin of the submillimetre emission in nearby galaxies with Herschel and LABOCA*, MNRAS, 439, 2542
- Gordon, K.D., Roman-Duval, J., Bot, C., Meixner, M., Babler, B., Bernard, J.-P., Bolatto, A., Boyer, M.L., Clayton, G.C., Engelbracht, C., Fukui, Y., Galametz, M., Galliano, F., Hony, S., Hughes, A., Indebetouw, R., Israel, F.P., Jameson, K., Kawamura, A., Lebouteiller, V., Li, A., Madden, S.C., Matsuura, M., Misselt, K., Montiel, E., Okumura, K., Onishi, T., Panuzzo, P., Paradis, D., Rubio, M., Sandstrom, K., Sauvage, M., Seale, J., Sewilo, M., Tchernyshyov, K., Skibba, R., 2014, *Dust and Gas in the Magellanic Clouds from the HERITAGE Herschel Key Project. I. Dust Properties and Insights into the Origin of the Submillimeter Excess Emission*, ApJ, 797, 85
- Roman-Duval, J., Gordon, K.D., Meixner, M., Bot, C., Bolatto, A., Hughes, A., Wong, T., Babler, B., Bernard, J.-P., Clayton, G.C., Fukui, Y., Galametz, M., Galliano, F., Glover, S., Hony, S., Israel, F., Jameson, K., Lebouteiller, V., Lee, M.-Y., Li, A., Madden, S., Misselt, K., Montiel, E., Okumura, K., Onishi, T., Panuzzo, P., Parado, P., Reach, W., Remy-Ruyer, A., Robitaille, T., Rubio, M., Sauvage, M., Seale, J., Sewilo, M., Staveley-Smith, L., Zhukovska, S., 2014, *Dust and Gas in the Magellanic Clouds from the HERITAGE Herschel Key Project. II. Gas-to-dust Ratio Variations across Interstellar Medium Phases*, ApJ, 797, 86
- Ciesla, L., Boquien, M., Boselli, A., Buat, V., Cortese, L., Bendo, G.J., Heinis, S., Galametz, M., Eales, S., Smith, M.W.L., Baes, M., Bianchi, S., de Looze, I., di Serego Alghieri, S., Galliano, F., Hughes, T.M., Madden, S.C., Pierini, D., Rémy-Ruyer, A., Spinoglio, L., Vaccari, M., Viaene, S. & Vlahakis, C. 2014, *Dust spectral energy distributions of nearby galaxies: an insight from the Herschel Reference Survey*, A&A, 565, A128
- Lu, N., Bendo, G.J., Boselli, A., Baes, M., Wu, H., Madden, S.C., De Looze, I., Rémy-Ruyer, A., Boquien, M., Wilson, C.D., Galametz, M., Lam, M.I., Cooray, A., Spinoglio, L. & Zhao, Y. 2014, *Quantifying the Heating Sources for Mid-infrared Dust Emissions in Galaxies: The Case of M 81*, ApJ, 797, 129
- Kirkpatrick, A., Calzetti, D., Kennicutt, R., Galametz, M., Gordon, K., Groves, B., Hunt, L., Dale, D., Hinz, J. & Tabatabaei, F. 2014, *Untangling the Nature of Spatial Variations of Cold Dust Properties in Star Forming Galaxies*, ApJ, 789, 130
- Galván-Madrid, R., Liu, H.B., Manara, C.F., Forbrich, J., Pascucci, I., Carrasco-González, C., Goddi, C., Hasegawa, Y., Takami, M. & Testi, L. 2014, *Constraints on photoevaporation models from (lack of) radio emission in the Corona Australis protoplanetary disks*, A&A, 570, L9
- Immer, K., Galván-Madrid, R., König, C., Liu, H.B. & Menten, K.M. 2014, *Diversity of chemistry and excitation conditions in the high-mass star forming complex W33*, A&A, 572, A63
- De Pree, C.G., Peters, T., Mac Low, M.M., Wilner, D.J., Goss, W.M., Galván-Madrid, R., Keto, E.R., Klessen, R.S., Monsrud, A. 2014, *Flickering of 1.3 cm Sources in Sgr B2: Toward a Solution to the Ultracompact H II Region Lifetime Problem*, ApJ, 781, L36
- Liu, H.B., Galván-Madrid, R., Forbrich, J., Rodríguez, L.F., Takami, M., Costigan, G., Felice Manara, C., Yan, C.-H., Karr, J., Chou, M.-Y., Ho, P.T.-P., Zhang, Q., 2014, *Time Monitoring of Radio Jets and Magnetospheres in the Nearby Young Stellar Cluster R Coronae Australis*, ApJ, 780, 155
- Rigaut, F., Neichel, B., Boccas, M., d'Orgeville, C., Vidal, F., van Dam, M.A., Arriagada, G., Fesquet, V., Galvez, R.L., Gausachs, G., Cavedoni, C., Ebberts, A.W., Karewicz, S., James, E., Lührs, J., Montes, V., Perez, G., Rambold, W.N., Rojas, R., Walker, S., Bec, M., Tranco, G., Sheehan, M., Irarrazaval, B., Boyer, C., Ellerbroek, B.L., Flicker, R., Gratadour, D., Garcia-Rissmann, A. & Daruich, F. 2014, *Gemini multiconjugate adaptive optics system review - I. Design, trade-offs and integration*, MNRAS, 437, 2361
- Schaffenroth, V., Geier, S., Heber, U., Kupfer, T., Ziegerer, E., Heuser, C., Classen, L. & Cordes, O. 2014, *Binaries discovered by the MUCHFUSS project. SDSS J162256.66+473051.1: An eclipsing subdwarf B binary with a brown dwarf companion*, A&A, 564, A98
- Mereghetti, S., La Palombara, N., Esposito, P., Gastaldello, F., Tiengo, A., Heber, U., Geier, S. & Wilms, J. 2014, *Constraints on the winds of hot subdwarf stars from X-ray observations of two sdB binaries with compact companions: CD -30° 11223 and PG 1232-136*, MNRAS, 441, 2684
- Maxted, P.F.L., Bloemen, S., Heber, U., Geier, S., Wheatley, P.J., Marsh, T.R., Breedt, E., Sebastian, D., Faillace, G., Owen, C., Pulley, D., Smith, D., Kolb, U., Haswell, C.A., Southworth, J., Anderson, D.R., Smalley, B., Collier Cameron, A., Hebb, L., Simpson, E.K., West, R.G., Bochinski, J., Busstitt, R. & Hadigal, S. 2014, *EL CVn-type binaries - discovery of 17 helium white dwarf precursors in bright eclipsing binary star systems*, MNRAS, 437, 1681
- Telting, J.H., Baran, A.S., Nemeth, P., Østensen, R.H., Kupfer, T., Macfarlane, S., Heber, U., Aerts, C. & Geier, S. 2014, *KIC 7668647: a 14 day beaming sdB+WD binary with a pulsating subdwarf*, A&A, 570, A129
- Geier, S., Østensen, R.H., Heber, U., Kupfer, T., Maxted, P.F.L., Barlow, B.N., Vučković, M., Tillich, A., Müller, S., Edelmann, H., Classen, L. & McLeod, A.F. 2014, *Orbital solutions of eight close sdB binaries and constraints on the nature of the unseen companions*, A&A, 562, A95
- Schaffenroth, V., Classen, L., Nagel, K., Geier, S., Koen, C., Heber, U. & Edelmann, H. 2014, *Two candidate brown dwarf companions around core helium-burning stars*, A&A, 570, A70

- Barstow, J.K., Aigrain, S., Irwin, P.G.J., Hackler, T., Fletcher, L.N., Lee, J.M. & Gibson, N.P. 2014, *Clouds on the Hot Jupiter HD189733b: Constraints from the Reflection Spectrum*, ApJ, 786, 154
- Gillen, E., Aigrain, S., McQuillan, A., Bouvier, J., Hodgkin, S., Alencar, S.H.P., Terquem, C., Southworth, J., Gibson, N.P., Cody, A., Lendl, M., Morales-Calderón, M., Favata, F., Stauffer, J. & Micela, G. 2014, *CoRoT 223992193: A new, low-mass, pre-main sequence eclipsing binary with evidence of a circumbinary disk*, A&A, 562, A50
- Nikolov, N., Sing, D.K., Pont, F., Burrows, A.S., Fortney, J.J., Ballester, G.E., Evans, T.M., Huitson, C.M., Wakeford, H.R., Wilson, P.A., Aigrain, S., Deming, D., Gibson, N.P., Henry, G.W., Knutson, H., Lecavelier des Etangs, A., Showman, A.P., Vidal-Madjar, A. & Zahnle, K. 2014, *Hubble Space Telescope hot Jupiter transmission spectral survey: a detection of Na and strong optical absorption in HAT-P-1b*, MNRAS, 437, 46
- Gibson, N.P. 2014, *Reliable inference of exoplanet light-curve parameters using deterministic and stochastic systematics models*, MNRAS, 445, 3401
- Lagioia, E.P., Milone, A.P., Stetson, P.B., Bono, G., Prada Moroni, P.G., Dall'Orta, M., Aparicio, A., Buonanno, R., Calamida, A., Ferraro, I., Gilmozzi, R., Iannicola, G., Matsunaga, N., Monelli, M. & Walker, A. 2014, *On the Kinematic Separation of Field and Cluster Stars across the Bulge Globular NGC 6528*, ApJ, 782, 50
- Bally, J., Rathborne, J.M., Longmore, S.N., Jackson, J.M., Alves, J.F., Bressert, E., Contreras, Y., Foster, J.B., Garay, G., Ginsburg, A., Johnston, K.G., Kruijssen, J.M.D., Testi, L. & Walsh, A.J. 2014, *Absorption Filaments toward the Massive Clump G0.253+0.016*, ApJ, 795, 28
- Bally, J., Ginsburg, A., Probst, R., Reipurth, B., Shirley, Y.L. & Stringfellow, G.S. 2014, *Outflows, Dusty Cores, and a Burst of Star Formation in the North America and Pelican Nebulae*, AJ, 148, 120
- Battersby, C., Bally, J., Dunham, M., Ginsburg, A., Longmore, S. & Darling, J. 2014, *The Comparison of Physical Properties Derived from Gas and Dust in a Massive Star-forming Region*, ApJ, 786, 116
- Battersby, C., Ginsburg, A., Bally, J., Longmore, S., Dunham, M. & Darling, J. 2014, *The Onset of Massive Star Formation: The Evolution of Temperature and Density Structure in an Infrared Dark Cloud*, ApJ, 787, 113
- Levesque, E.M., Stringfellow, G.S., Ginsburg, A.G., Bally, J. & Keeney, B.A. 2014, *The Peculiar Balmer Decrement of SN 2009jp: Constraints on Circumstellar Geometry*, AJ, 147, 23
- Schlieder, J.E., Bonnefoy, M., Herbst, T.M., Lépine, S., Berger, E., Henning, T., Skemer, A., Chauvin, G., Rice, E., Biller, B., Girard, J.H.V., Lagrange, A.-M., Hinz, P., Defrère, D., Bergfors, C., Brandner, W., Lacour, S., Skrutskie, M., Leisenring, J., 2014, *Characterization of the Benchmark Binary NLTT 33370*, ApJ, 783, 27
- Currie, T., Burrows, A., Girard, J.H., Cloutier, R., Fukagawa, M., Sorahana, S., Kuchner, M., Kenyon, S.J., Madhusudhan, N., Itoh, Y., Jayawardhana, R., Matsumura, S. & Pyo, T.-S., 2014, *Deep Thermal Infrared Imaging of HR 8799 bcde: New Atmospheric Constraints and Limits on a Fifth Planet*, ApJ, 795, 133
- Reggiani, M., Quanz, S.P., Meyer, M.R., Pueyo, L., Absil, O., Amara, A., Anglada, G., Avenhaus, H., Girard, J.H., Carrasco Gonzalez, C., Graham, J., Mawet, D., Meru, F., Milli, J., Osorio, M., Wolff, S. & Torres, J.-M., 2014, *Discovery of a Companion Candidate in the HD 169142 Transition Disk and the Possibility of Multiple Planet Formation*, ApJ, 792, L23
- Schultheis, M., Chen, B.Q., Jiang, B.W., Gonzalez, O.A., Enokiya, R., Fukui, Y., Torii, K., Rejkuba, M. & Minniti, D. 2014, *Mapping the Milky Way bulge at high resolution: the 3D dust extinction, CO, and X factor maps*, A&A, 566, A120
- Minniti, D., Saito, R.K., Gonzalez, O.A., Zoccali, M., Rejkuba, M., Alonso-García, J., Benjamin, R., Catelan, M., Dékány, I., Emerson, J.P., Hempel, M., Lucas, P.W. & Schultheis, M. 2014, *Milky Way demographics with the VVV survey. III. Evidence for a great dark lane in the 157 million star bulge color-magnitude diagram*, A&A, 571, A91
- Zoccali, M., Gonzalez, O.A., Vasquez, S., Hill, V., Rejkuba, M., Valenti, E., Renzini, A., Rojas-Arriagada, A., Martínez-Valpuesta, I., Babusiaux, C., Brown, T., Minniti, D. & McWilliam, A. 2014, *The GIRAFFE Inner Bulge Survey (GIBS). I. Survey description and a kinematical map of the Milky Way bulge*, A&A, 562, A66
- Rojas-Arriagada, A., Recio-Blanco, A., Hill, V., de Laverny, P., Schultheis, M., Babusiaux, C., Zoccali, M., Minniti, D., Gonzalez, O.A., Feltzing, S., Gilmore, G., Randich, S., Vallenari, A., Alfaro, E.J., Bensby, T., Bragaglia, A., Flaccomio, E., Lanzafame, A.C., Pancino, E., Smiljanic, R., Bergemann, M., Costado, M.T., Damiani, F., Hourihane, A., Jofré, P., Lardo, C., Magrini, L., Maiorca, E., Morbidelli, L., Sbordone, L., Worley, C.C., Zaggia, S. & Wyse, R. 2014, *The Gaia-ESO Survey: metallicity and kinematic trends in the Milky Way bulge*, A&A, 569, A103
- Gourgeot, F., Dumas, C., Merlin, F., Vernazza, P. & Alvarez-Candal, A. 2014, *Near-infrared spectroscopy of Miranda*, A&A, 562, A46
- Mongiù, M., Figueras, F. & Grosbøl, P. 2014, *Stellar physical parameters from Strömgren photometry. Application to the young stars in the Galactic anticenter survey*, A&A, 568, A119
- Alecian, E., Kochukhov, O., Petit, V., Grunhut, J., Landstreet, J., Oksala, M.E., Wade, G.A., Hussain, G., Neiner, C., Bohlender, D. & MiMeS Collaboration, M.C. 2014, *Discovery of new magnetic early-B stars within the MiMeS HARPSol survey*, A&A, 567, A28
- David-Uraz, A., Wade, G.A., Petit, V., ud-Doula, A., Sundqvist, J.O., Grunhut, J., Shultz, M., Neiner, C., Alecian, E., Henrichs, H.F., Bouret, J.-C., MiMeS Collaboration, M.C., 2014, *Investigating the origin of cyclical wind variability in hot, massive stars - I. On the dipolar magnetic field hypothesis*, MNRAS, 444, 429
- Grunhut, J.H., Bolton, C.T. & McSwain, M.V. 2014, *Orbit and properties of the massive X-ray binary BD +60 73=IGR J00370+6122*, A&A, 563, A1
- Sabin, L., Parker, Q.A., Corradi, R.L.M., Guzman-Ramirez, L., Morris, R.A.H., Zijlstra, A.A., Bojčić, I.S., Frew, D.J., Guerrero, M., Stupar, M., Barlow, M.J., Mora, F.C., Drew, J.E., Greimel, R., Groot, P., Irwin, J.M., Irwin, M.J., Mampaso, A., Miszalski, B., Olguín, L., Phillipps, S., García, M.S., Viironen, K. & Wright, N.J. 2014, *First release of the IPHAS catalogue of new extended planetary nebulae*, MNRAS, 443, 3388
- Guzman-Ramirez, L., Lagadec, E., Jones, D., Zijlstra, A.A. & Gesicki, K. 2014, *PAH formation in O-rich planetary nebulae*, MNRAS, 441, 364
- Hainaut, O.R., Boehnhardt, H., Snodgrass, C., Meech, K.J., Deller, J., Gillon, M., Jehin, E., Kuehrt, E., Lowry, S.C., Manfroid, J., Micheli, M., Mottola, S., Opitom, C., Vincent, J.-B., Wainscoat, R., 2014, *Continued activity in P/2013 P5 PANSTARRS. Unexpected comet, rotational break-up, or rubbing binary asteroid?*, A&A, 563, A75
- Spoto, F., Milani, A., Farnocchia, D., Chesley, S.R., Micheli, M., Valsecchi, G.B., Perna, D. & Hainaut, O. 2014, *Nongravitational perturbations and virtual impactors: the case of asteroid (410777) 2009 FD*, A&A, 572, A100
- Ansdell, M., Meech, K.J., Hainaut, O., Buie, M.W., Kaluna, H., Bauer, J. & Dundon, L. 2014, *Refined Rotational Period, Pole Solution, and Shape Model for (3200) Phaethon*, ApJ, 793, 50
- Hsieh, H.H., Denneau, L., Fitzsimmons, A., Hainaut, O.R., Ishiguro, M., Jedicke, R., Kaluna, H.M., Keane, J.V., Kleyna, J., Lacerda, P., MacLennan, E.M., Meech, K.J., Moskovitz, N.A., Riesen, T., Schunova, E., Snodgrass, C., Trujillo, C.A., Urban, L., Veresh, P., Wainscoat, R.J. & Yang, B. 2014, *Search for the Return of Activity in Active Asteroid 176P/LINEAR*, AJ, 147, 89

- González-Fernández, C., Asensio Ramos, A., Garzón, F., Cabrera-Lavers, A. & Hammersley, P.L. 2014, *Infrared Extinction in the Inner Milky Way through Red Clump Giants*, ApJ, 782, 86
- Dowell, C.D., Conley, A., Glenn, J., Arumugam, V., Asboth, V., Aussel, H., Bertoldi, F., Béthermin, M., Bock, J., Boselli, A., Bridge, C., Buat, V., Burgarella, D., Cabrera-Lavers, A., Casey, C.M., Chapman, S.C., Clements, D.L., Conversi, L., Cooray, A., Dannerbauer, H., De Bernardis, F., Ellsworth-Bowers, T.P., Farrah, D., Franceschini, A., Griffin, M., Gurwell, M.A., Halpern, M., Hatziminaoglou, E., Heinis, S., Ibar, E., Ivison, R.J., Laporte, N., Marchetti, L., Martínez-Navajas, P., Marsden, G., Morrison, G.E., Nguyen, H.T., O'Halloran, B., Oliver, S.J., Omont, A., Page, M.J., Papageorgiou, A., Pearson, C.P., Petitpas, G., Pérez-Fournon, I., Pohlen, M., Riechers, D., Rigopoulou, D., Roseboom, I.G., Rowan-Robinson, M., Sayers, J., Schulz, B., Scott, D., Seymour, N., Shupe, D.L., Smith, A.J., Streblyanska, A., Symeonidis, M., Vaccari, M., Valtchanov, I., Vieira, J.D., Viero, M., Wang, L., Wardlow, J., Xu, C.K. & Zemcov, M. 2014, *HerMES: Candidate High-redshift Galaxies Discovered with Herschel/SPIRE*, ApJ, 780, 75
- Farrell, S.A., Servillat, M., Gladstone, J.C., Webb, N.A., Soria, R., Maccarone, T.J., Wiersema, K., Hau, G.K.T., Pforr, J., Hakala, P.J., Knigge, C., Barret, D., Maraston, C. & Kong, A.K.H. 2014, *Combined analysis of Hubble and VLT photometry of the intermediate mass black hole ESO 243-49 HLX-1*, MNRAS, 437, 1208
- Fumagalli, M., Fossati, M., Hau, G.K.T., Gavazzi, G., Bower, R., Sun, M. & Boselli, A. 2014, *MUSE sneaks a peek at extreme ram-pressure stripping events - I. A kinematic study of the archetypal galaxy ESO137-001*, MNRAS, 445, 4335
- Richtler, T., Hilker, M., Kumar, B., Bassino, L.P., Gómez, M. & Dirsch, B. 2014, *The globular cluster system of NGC 1316. III. Kinematic complexity*, A&A, 569, A41
- Sadavoy, S.I., Di Francesco, J., André, P., Pezzuto, S., Bernard, J.-P., Maury, A., Men'shchikov, A., Motte, F., Nguyêñ-Lu'o'ng, Q., Schneider, N., Arzoumanian, D., Benedettini, M., Bontemps, S., Elia, D., Hennemann, M., Hill, T., Könyves, V., Louvet, F., Peretto, N., Roy, A., White, G.J., 2014, *Class 0 Protostars in the Perseus Molecular Cloud: A Correlation Between the Youngest Protostars and the Dense Gas Distribution*, ApJ, 787, L18
- Louvet, F., Motte, F., Hennebelle, P., Maury, A., Bonnell, I., Bontemps, S., Gusdorf, A., Hill, T., Gueth, F., Peretto, N., Duarte-Cabral, A., Stephan, G., Schilke, P., Csengeri, T., Nguyen Luong, Q. & Lis, D.C. 2014, *The W43-MM1 mini-starburst ridge, a test for star formation efficiency models*, A&A, 570, A15
- Motte, F., Nguyễn Luong, Q., Schneider, N., Heitsch, F., Glover, S., Carlhoff, P., Hill, T., Bontemps, S., Schilke, P., Louvet, F., Hennemann, M., Didelon, P. & Beuther, H. 2014, *The formation of the W43 complex: constraining its atomic-to-molecular transition and searching for colliding clouds*, A&A, 571, A32
- Comerón, S., Salo, H., Laurikainen, E., Knapen, J.H., Buta, R.J., Herrera-Endoqui, M., Laine, J., Holwerda, B.W., Sheth, K., Regan, M.W., Hinz, J.L., Muñoz-Mateos, J.C., Gil de Paz, A., Menéndez-Delmestre, K., Seibert, M., Mizusawa, T., Kim, T., Erroz-Ferrer, S., Gadotti, D.A., Athanassoula, E., Bosma, A. & Ho, L.C. 2014, *ARRAKIS: atlas of resonance rings as known in the S4G*, A&A, 562, A121
- Richards, A.M.S., Impellizzeri, C.M.V., Humphreys, E.M., Vlahakis, C., Vlemmings, W., Baudry, A., De Beck, E., Decin, L., Etoke, S., Gray, M.D., Harper, G.M., Hunter, T.R., Kervella, P., Kerschbaum, F., McDonald, I., Melnick, G., Müller, S., Neufeld, D., O'Gorman, E., Parfenov, S.Y., Peck, A.B., Shinnaga, H., Sobolev, A.M., Testi, L., Uscanga, L., Wootten, A., Yates, J.A. & Zijlstra, A. 2014, *ALMA sub-mm maser and dust distribution of VY Canis Majoris*, A&A, 572, L9
- Ramstedt, S., Mohamed, S., Vlemmings, W.H.T., Maercker, M., Montez, R., Baudry, A., De Beck, E., Lindqvist, M., Olofsson, H., Humphreys, E.M.L., Jorissen, A., Kerschbaum, F., Mayer, A., Wittkowski, M., Cox, N.L.J., Lagadec, E., Leal-Ferreira, M.L., Paladini, C., Pérez-Sánchez, A. & Sacuto, S. 2014, *The wonderful complexity of the Mira AB system*, A&A, 570, L14
- Walcher, C.J., Wisotzki, L., Bekeraité, S., Husemann, B., Iglesias-Páramo, J., Backsmann, N., Barrera Ballesteros, J., Catalán-Torrecilla, C., Cortijo, C., del Olmo, A., García Lorenzo, B., Falcón-Barroso, J., Jilkova, L., Kalinova, V., Mast, D., Marino, R.A., Méndez-Abreu, J., Pasquali, A., Sánchez, S.F., Trager, S., Zibetti, S., Aguerri, J.A.L., Alves, J., Bland-Hawthorn, J., Boselli, A., Castillo Morales, A., Cid Fernandes, R., Flores, H., Galbany, L., Gallazzi, A., García-Benito, R., Gil de Paz, A., González-Delgado, R.M., Jahnke, K., Jungwiert, B., Kehrig, C., Lyubenova, M., Márquez Pérez, I., Masegosa, J., Monreal Ibero, A., Pérez, E., Quirrenbach, A., Rosales-Ortega, F.F., Roth, M.M., Sanchez-Blázquez, P., Spekkens, K., Tundo, E., van de Ven, G., Verheijen, M.A.W., Vilchez, J.V. & Ziegler, B. 2014, *CALIFA: a diameter-selected sample for an integral field spectroscopy galaxy survey*, A&A, 569, A1
- González Delgado, R.M., Cid Fernandes, R., García-Benito, R., Pérez, E., de Amorim, A.L., Cortijo-Ferrero, C., Lacerda, E.A.D., López Fernández, R., Sánchez, S.F., Vale Asari, N., Alves, J., Bland-Hawthorn, J., Galbany, L., Gallazzi, A., Husemann, B., Bekeraité, S., Jungwiert, B., López-Sánchez, A.R., de Lorenzo-Cáceres, A., Marino, R.A., Mast, D., Mollá, M., del Olmo, A., Sánchez-Blázquez, P., van de Ven, G., Vilchez, J.M., Walcher, C.J., Wisotzki, L., Ziegler, B. & collaboration920, C. 2014, *Insights on the Stellar Mass-Metallicity Relation from the CALIFA Survey*, ApJ, 791, L16
- Husemann, B., Jahnke, K., Sánchez, S.F., Wisotzki, L., Nugroho, D., Kupko, D. & Schramm, M. 2014, *Integral field spectroscopy of nearby QSOs - I. ENLR size-luminosity relation, ongoing star formation and resolved gas-phase metallicities*, MNRAS, 443, 755
- Barrera-Ballesteros, J.K., Falcón-Barroso, J., García-Lorenzo, B., van de Ven, G., Aguerri, J.A.L., Méndez-Abreu, J., Spekkens, K., Lyubenova, M., Sánchez, S.F., Husemann, B., Mast, D., García-Benito, R., Iglesias-Paramo, J., Del Olmo, A., Márquez, I., Masegosa, J., Kehrig, C., Marino, R.A., Verdes-Montenegro, L., Ziegler, B., McIntosh, D.H., Bland-Hawthorn, J., Walcher, C.J. & Califa Collaboration, C.C. 2014, *Kinematic alignment of non-interacting CALIFA galaxies. Quantifying the impact of bars on stellar and ionised gas velocity field orientations*, A&A, 568, A70
- Wild, V., Rosales-Ortega, F., Falcón-Barroso, J., García-Benito, R., Gallazzi, A., González Delgado, R.M., Bekeraité, S., Pasquali, A., Johansson, P.H., García Lorenzo, B., van de Ven, G., Pawlik, M., Pérez, E., Monreal-Ibero, A., Lyubenova, M., Cid Fernandes, R., Méndez-Abreu, J., Barrera-Ballesteros, J., Kehrig, C., Iglesias-Páramo, J., Bomans, D.J., Márquez, I., Johnson, B.D., Kennicutt, R.C., Husemann, B., Mast, D., Sánchez, S.F., Walcher, C.J., Alves, J., Aguerri, A.L., Alonso Herrero, A., Bland-Hawthorn, J., Catalán-Torrecilla, C., Florido, E., Gomes, J.M., Jahnke, K., López-Sánchez, Á.R., de Lorenzo-Cáceres, A., Marino, R.A., Mármol-Queraltó, E., Olden, P., del Olmo, A., Papaderos, P., Quirrenbach, A., Vilchez, J.M. & Ziegler, B. 2014, *The Mice at play in the CALIFA survey. A case study of a gas-rich major merger between first passage and coalescence*, A&A, 567, A132
- Johnstone, C.P., Jardine, M., Gregory, S.G., Donati, J.-F., Hussain, G., 2014, *Classical T Tauri stars: magnetic fields, coronae and star-disc interactions*, MNRAS, 437, 3202
- Donati, J.-F., Hébrard, E., Hussain, G., Moutou, C., Grankin, K., Boisse, I., Morin, J., Gregory, S.G., Vidotto, A.A., Bouvier, J., Alencar, S.H.P., Delfosse, X., Doyon, R., Takami, M., Jardine, M.M., Fares, R., Cameron, A.C., Ménard, F., Dougados, C. & Herczeg, G. Matysse Collaboration, M.C. 2014, *Modelling the magnetic activity and filtering radial velocity curves of young Suns : the weak-line T Tauri star LkCa 4*, MNRAS, 444, 3220

- Vidotto, A.A., Gregory, S.G., Jardine, M., Donati, J.F., Petit, P., Morin, J., Folsom, C.P., Bouvier, J., Cameron, A.C., Hussain, G., Marsden, S., Waite, I.A., Fares, R., Jeffers, S. & do Nascimento, J.D. 2014, *Stellar magnetism: empirical trends with age and rotation*, MNRAS, 441, 2361
- Boissel, Y., Sicardy, B., Roques, F., Gaulme, P., Doressoundiram, A., Widemann, T., Ivanov, V.D., Marco, O., Mason, E., Ageorges, N., Mouis, O., Rousset, P., Dhillon, V.S., Littlefair, S.P., Marsh, T.R., Assafin, M., Braga Ribas, F., da Silva Neto, D., Camargo, J.I.B., Andrei, A., Vieira Martins, R., Behrend, R. & Kretlow, M. 2014, *An exploration of Pluto's environment through stellar occultations*, A&A, 561, A144
- Coldwell, G., Alonso, S., Duplancic, F., Hempel, M., Ivanov, V.D. & Minniti, D. 2014, *Confirmation of a galaxy cluster hidden behind the Galactic bulge using the VVV survey*, A&A, 569, A49
- Pinfield, D.J., Gromadzki, M., Leggett, S.K., Gomes, J., Lodieu, N., Kurtev, R., Day-Jones, A.C., Ruiz, M.T., Cook, N.J., Morley, C.V., Marley, M.S., Marocco, F., Smart, R.L., Jones, H.R.A., Lucas, P.W., Beletsky, Y., Ivanov, V.D., Birmingham, B., Jenkins, J.S., Cardoso, C., Frith, J., Clarke, J.R.A., Gálvez-Ortiz, M.C. & Zhang, Z. 2014, *Discovery of a new Y dwarf: WISE J030449.03-270508.3*, MNRAS, 444, 1931
- Richichi, A., Fors, O., Cusano, F. & Ivanov, V.D. 2014, *Final Binary Star Results from the ESO VLT Lunar Occultations Program*, AJ, 147, 57
- Messineo, M., Menten, K.M., Figer, D.F., Davies, B., Clark, J.S., Ivanov, V.D., Kudritzki, R.-P., Rich, R.M., Mackenty, J.W., Trombly, C., 2014, *Massive stars in the giant molecular cloud G23.3-0.3 and W41*, A&A, 569, A20
- Messineo, M., Zhu, Q., Ivanov, V.D., Figer, D.F., Davies, B., Menten, K.M., Kudritzki, R.P. & Chen, C.-H.R., 2014, *Near-infrared spectroscopy of candidate red supergiant stars in clusters*, A&A, 571, A43
- Borissova, J., Chené, A.-N., Ramírez Alegría, S., Sharma, S., Clarke, J.R.A., Kurtev, R., Negueruela, I., Marco, A., Amigo, P., Minniti, D., Bica, E., Bonatto, C., Catelan, M., Fierro, C., Geisler, D., Gromadzki, M., Hempel, M., Hanson, M.M., Ivanov, V.D., Lucas, P., Majaess, D., Moni Bidin, C., Popescu, B. & Saito, R.K. 2014, *New galactic star clusters discovered in the VVV survey. Candidates projected on the inner disk and bulge*, A&A, 569, A24
- Ripepi, V., Marconi, M., Moretti, M.I., Clementini, G., Cioni, M.-R.L., de Grijs, R., Emerson, J.P., Groenewegen, M.A.T., Ivanov, V.D., Oliveira, J.M., 2014, *The VMC Survey - VIII. First results for anomalous Cepheids*, MNRAS, 437, 2307
- Moretti, M.I., Clementini, G., Muraveva, T., Ripepi, V., Marquette, J.B., Cioni, M.-R.L., Marconi, M., Girardi, L., Rubele, S., Tisserand, P., de Grijs, R., Groenewegen, M.A.T., Guandalini, R., Ivanov, V.D., van Loon, J.T., 2014, *The VMC Survey - X. Cepheids, RR Lyrae stars and binaries as probes of the Magellanic System's structure*, MNRAS, 437, 2702
- Piatti, A.E., Guandalini, R., Ivanov, V.D., Rubele, S., Cioni, M.-R.L., de Grijs, R., For, B.-Q., Clementini, G., Ripepi, V., Anders, P., Oliveira, J.M., 2014, *The VMC Survey. XII. Star cluster candidates in the Large Magellanic Cloud*, A&A, 570, A74
- Cioni, M.-R.L., Girardi, L., Moretti, M.I., Piffl, T., Ripepi, V., Rubele, S., Scholz, R.-D., Bekki, K., Clementini, G., Ivanov, V.D., Oliveira, J.M., van Loon, J.T., 2014, *The VMC survey. IX. Pilot study of the proper motion of stellar populations in the LMC from 2MASS and VISTA data*, A&A, 562, A32
- Dhillon, V.S., Marsh, T.R., Atkinson, D.C., Bezawada, N., Bours, M.C.P., Copperwheat, C.M., Gamble, T., Hardy, L.K., Hickman, R.D.H., Irawati, P., Ives, D.J., Kerry, P., Leckngam, A., Littlefair, S.P., McLay, S.A., O'Brien, K., Peacocke, P.T., Poshyachinda, S., Richichi, A., Soonthornthum, B. & Vick, A. 2014, *ULTRASPEC: a high-speed imaging photometer on the 2.4-m Thai National Telescope*, MNRAS, 444, 3504
- Thomson, A.P., Ivison, R.J., Simpson, J.M., Swinbank, A.M., Smail, I., Arumugam, V., Alexander, D.M., Beelen, A., Brandt, W.N., Chandra, I., Dannerbauer, H., Greve, T.R., Hodge, J.A., Ibar, E., Karim, A., Murphy, E.J., Schinnerer, E., Sirothia, S., Walter, F., Wardlow, J.L. & van der Werf, P. 2014, *An ALMA survey of submillimetre galaxies in the Extended Chandra Deep Field South: radio properties and the far-infrared/radio correlation*, MNRAS, 442, 577
- Casey, C.M., Scoville, N.Z., Sanders, D.B., Lee, N., Cooray, A., Finkelstein, S.L., Capak, P., Conley, A., De Zotti, G., Farrah, D., Fu, H., Le Floch, E., Ilbert, O., Ivison, R.J. & Takeuchi, T.T. 2014, *Are Dusty Galaxies Blue? Insights on UV Attenuation from Dust-selected Galaxies*, ApJ, 796, 95
- Bourne, N., Maddox, S.J., Dunne, L., Dye, S., Eales, S., Hoyos, C., González-Nuevo, J., Smith, D.J.B., Valiante, E., de Zotti, G., Ivison, R.J. & Rowlands, K. 2014, *Colour matters: the effects of lensing on the positional offsets between optical and submillimetre galaxies in Herschel-ATLAS*, MNRAS, 444, 1884
- Huynh, M.T., Kimball, A.E., Norris, R.P., Smail, I., Chow, K.E., Coppin, K.E.K., Emonts, B.H.C., Ivison, R.J., Smolčić, V. & Swinbank, A.M. 2014, *Detection of molecular gas in an ALMA [C II]-identified submillimetre galaxy at $z = 4.44$* , MNRAS, 443, L54
- Cooray, A., Calanog, J., Wardlow, J.L., Bock, J., Bridge, C., Burgarella, D., Bussmann, R.S., Casey, C.M., Clements, D., Conley, A., Farrah, D., Fu, H., Gavazzi, R., Ivison, R.J., La Porte, N., Lo Faro, B., Ma, B., Magdis, G., Oliver, S.J., Osage, W.A., Pérez-Fournon, I., Riechers, D., Rigopoulou, D., Scott, D., Viero, M. & Watson, D. 2014, *HerMES: The Rest-frame UV Emission and a Lensing Model for the $z = 6.34$ Luminous Dusty Starburst Galaxy HFLS3*, ApJ, 790, 40
- Negrello, M., Hopwood, R., Dye, S., Cunha, E.d., Serjeant, S., Fritz, J., Rowlands, K., Fleuren, S., Bussmann, R.S., Cooray, A., Dannerbauer, H., Gonzalez-Nuevo, J., Lapi, A., Omont, A., Amber, S., Auld, R., Baes, M., Buttiglione, S., Cava, A., Danese, L., Dariush, A., De Zotti, G., Dunne, L., Eales, S., Ibar, E., Ivison, R.J., Kim, S., Leeuw, L., Maddox, S., Michałowski, M.J., Massardi, M., Pascale, E., Pohlen, M., Rigby, E., Smith, D.J.B., Sutherland, W., Temi, P. & Wardlow, J. 2014, *Herschel *-ATLAS: deep HST/WFC3 imaging of strongly lensed submillimetre galaxies*, MNRAS, 440, 1999
- George, R.D., Ivison, R.J., Smail, I., Swinbank, A.M., Hopwood, R., Stanley, F., Swinyard, B.M., Valtchanov, I. & Werf, P.P.v.d. 2014, *Herschel reveals a molecular outflow in a $z = 2.3$ ULIRG*, MNRAS, 442, 1877
- Messias, H., Dye, S., Nagar, N., Orellana, G., Bussmann, R.S., Calanog, J., Dannerbauer, H., Fu, H., Ibar, E., Inohara, A., Ivison, R.J., Negrello, M., Riechers, D.A., Sheen, Y.-K., Aguirre, J.E., Amber, S., Birkinshaw, M., Bourne, N., Bradford, C.M., Clements, D.L., Cooray, A., De Zotti, G., Demarco, R., Dunne, L., Eales, S., Fleuren, S., Kamenetzky, J., Lupu, R.E., Maddox, S.J., Marrone, D.P., Michałowski, M.J., Murphy, E.J., Nguyen, H.T., Omont, A., Rowlands, K., Smith, D., Smith, M., Valiante, E., Vieira, J.D., 2014, *Herschel-ATLAS and ALMA. HATLAS J142935.3-002836, a lensed major merger at redshift 1.027*, A&A, 568, A92
- Kalfountzou, E., Stevens, J.A., Jarvis, M.J., Hardcastle, M.J., Smith, D.J.B., Bourne, N., Dunne, L., Ibar, E., Eales, S., Ivison, R.J., Maddox, S., Smith, M.W.L., Valiante, E. & de Zotti, G. 2014, *Herschel-ATLAS: far-infrared properties of radio-loud and radio-quiet quasars*, MNRAS, 442, 1811
- Rowlands, K., Dunne, L., Dye, S., Aragón-Salamanca, A., Maddox, S., da Cunha, E., Smith, D.J.B., Bourne, N., Eales, S., Gomez, H.L., Smail, I., Alpaslan, M., Clark, C.J.R., Driver, S., Ibar, E., Ivison, R.J., Robotham, A., Smith, M.W.L. & Valiante, E. 2014, *Herschel-ATLAS: properties of dusty massive galaxies at low and high redshifts*, MNRAS, 441, 1017
- Singh, V., Beelen, A., Wadadekar, Y., Sirothia, S., Ishwara-Chandra, C.H., Basu, A., Omont, A., McAlpine, K., Ivison, R.J., Oliver, S.,

- Farrah, D. & Lacy, M. 2014, *Multiwavelength characterization of faint ultra steep spectrum radio sources: A search for high-redshift radio galaxies*, A&A, 569, A52
- van der Wiel, M.H.D., Naylor, D.A., Kamp, I., Ménard, F., Thi, W.-F., Voitke, P., Olofsson, G., Pontoppidan, K.M., Di Francesco, J., Glauser, A.M., Greaves, J.S., Ivison, R.J., 2014, *Signatures of warm carbon monoxide in protoplanetary discs observed with Herschel SPIRE*, MNRAS, 444, 3911
- Lawler, S.M., Di Francesco, J., Kennedy, G.M., Sibthorpe, B., Booth, M., Vandenbussche, B., Matthews, B.C., Holland, W.S., Greaves, J., Wilner, D.J., Tuomi, M., Blommaert, J.A.D.L., de Vries, B.L., Dominik, C., Fridlund, M., Gear, W., Heras, A.M., Ivison, R. & Olofsson, G. 2014, *The debris disc of solar analogue τ Ceti: Herschel observations and dynamical simulations of the proposed multiplanet system*, MNRAS, 444, 2665
- Forgan, D., Ivison, R.J., Sibthorpe, B., Greaves, J.S. & Ibar, E. 2014, *Triple trouble for XZ Tau: deep imaging with the Jansky Very Large Array*, MNRAS, 439, 4057
- Jiménez-Serra, I., Testi, L., Caselli, P. & Viti, S. 2014, *Detectability of Glycine in Solar-type System Precursors*, ApJ, 787, L33
- Jiménez-Serra, I., Caselli, P., Fontani, F., Tan, J.C., Henshaw, J.D., Kainulainen, J. & Hernandez, A.K. 2014, *Gas kinematics and excitation in the filamentary IRDC G035.39-00.33*, MNRAS, 439, 1996
- Henshaw, J.D., Caselli, P., Fontani, F., Jiménez-Serra, I. & Tan, J.C. 2014, *The dynamical properties of dense filaments in the infrared dark cloud G035.39-00.33*, MNRAS, 440, 2860
- Rivilla, V.M., Jiménez-Serra, I., Martín-Pintado, J. & Sanz-Forcada, J. 2014, *The role of low-mass star clusters in forming the massive stars in DR 21*, MNRAS, 437, 1561
- Freeman, M., Montez, R.J., Kastner, J.H., Balick, B., Frew, D.J., Jones, D., Miszalski, B., Sahai, R., Blackman, E., Chu, Y.-H., De Marco, O., Frank, A., Guerrero, M.A., Lopez, J.A., Zijlstra, A., Bujarrabal, V., Corradi, R.L.M., Nordhaus, J., Parker, Q.A., Sandin, C., Schönberner, D., Soker, N., Sokoloski, J.L., Steffen, M., Toalá, J.A., Ueta, T., Villaver, E., 2014, *The Chandra Planetary Nebula Survey (CHANPLANS). II. X-Ray Emission from Compact Planetary Nebulae*, ApJ, 794, 99
- Corradi, R.L.M., Rodríguez-Gil, P., Jones, D., García-Rojas, J., Mampaso, A., García-Alvarez, D., Pursimo, T., Eenmäe, T., Liimets, T. & Miszalski, B. 2014, *The planetary nebula IPHASXJ211420.0+434136 (Ous): insights into common-envelope dynamical and chemical evolution*, MNRAS, 441, 2799
- Jones, D., Boffin, H.M.J., Miszalski, B., Wesson, R., Corradi, R.L.M. & Tyndall, A.A. 2014, *The post-common-envelope, binary central star of the planetary nebula Hen 2-11*, A&A, 562, A89
- Fruth, T., Cabrera, J., Csizmadia, S., Dreyer, C., Eiglmüller, P., Erikson, A., Kabath, P., Pasternacki, T., Rauer, H., Titz-Weider, R., Abe, L., Agabi, A., Gonçalves, I., Guillot, T., Mékarnia, D., Rivet, J.-P., Crouzet, N., Chini, R., Lemke, R., Murphy, M., 2014, *Transit Search from Antarctica and Chile-Comparison and Combination*, PASP, 126, 227
- Zurlo, A., Vigan, A., Mesa, D., Gratton, R., Moutou, C., Langlois, M., Claudi, R.U., Pueyo, L., Boccaletti, A., Baruffolo, A., Beuzit, J.-L., Costille, A., Desidera, S., Dohlen, K., Feldt, M., Fusco, T., Henning, T., Kasper, M., Martinez, P., Moeller-Nilsson, O., Mouillet, D., Pavlov, A., Puget, P., Sauvage, J.-F., Turatto, M., Udry, S., Vakili, F., Waters, R., Wildi, R.F., 2014, *Performance of the VLT Planet Finder SPHERE. I. Photometry and astrometry precision with IRDIS and IFS in laboratory*, A&A, 572, A85
- Blanco Cárdenas, M.W., Käuff, H.U., Guerrero, M.A., Miranda, L.F. & Seifahrt, A. 2014, *CRIFES-VLT high-resolution spectro-astrometry as a tool in the search for disks inside the cores of planetary nebulae*, A&A, 566, A133
- Chesneau, O., Kaufer, A., Stahl, O., Colvinter, C., Spang, A., Dessart, L., Prinja, R. & Chini, R. 2014, *The variable stellar wind of Rigel probed at high spatial and spectral resolution*, A&A, 566, A125
- Kerber, F., Querel, R.R., Rondanelli, R., Hanuschik, R., van den Ancker, M., Cuevas, O., Smette, A., Smoker, J., Rose, T. & Czekala, H. 2014, *An episode of extremely low precipitable water vapour over Paranal observatory*, MNRAS, 439, 247
- Kim, T., Gadotti, D.A., Sheth, K., Athanassoula, E., Bosma, A., Lee, M.G., Madore, B.F., Elmegreen, B., Knäpen, J.H., Zaritsky, D., Ho, L.C., Comerón, S., Holwerda, B., Hinz, J.L., Muñoz-Mateos, J.-C., Cisternas, M., Erroz-Ferrer, S., Buta, R., Laurikainen, E., Salo, H., Laine, J., Menéndez-Delmestre, K., Regan, M.W., de Swardt, B., Gil de Paz, A., Seibert, M., Mizusawa, T., 2014, *Unveiling the Structure of Barred Galaxies at 3.6 μ m with the Spitzer Survey of Stellar Structure in Galaxies (S4G). I. Disk Breaks*, ApJ, 782, 64
- Libralato, M., Bellini, A., Bedin, L.R., Piotto, G., Platais, I., Kissler-Patig, M. & Milone, A.P. 2014, *Ground-based astrometry with wide field imagers. V. Application to near-infrared detectors: HAWK-I@VLT/ESO*, A&A, 563, A80
- Klein, T., Ciechanowicz, M., Leinz, C., Heyminck, S., Guesten, R., Kasemann, C., Wunsch, J., Maier, D. & Sekimoto, Y. 2014, *FLASH+ - a dual-channel wide-band spectrometer for APEX*, IEEE Trans Terahertz Science Technol, 4, 588
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Alves, M.I.R., Armitage-Caplan, C., Arnau, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Aussel, H., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Barrena, R., Bartelmann, M., Bartlett, J.G., Bartolo, N., Basak, S., Battaner, E., Battye, R., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bertin-court, B., Bethermin, M., Bielewicz, P., Bikmaev, I., Blanchard, A., Bobin, J., Bock, J.J., Böhringer, H., Bonaldi, A., Bonavera, L., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F., Bourdin, H., Bowyer, J.W., Bridges, M., Brown, M.L., Bucher, M., Burenin, R., Burigana, C., Butler, R.C., Calabrese, E., Cappellini, B., Cardoso, J.-F., Carr, R., Carvalho, P., Casale, M., Castex, G., Catalano, A., Challinor, A., Chamballu, A., Chary, R.R., Chen, X., Chiang, H.C., Chiang, L.-Y., Chon, G., Christensen, P.R., Churazov, E., Church, S., Clemens, M., Clements, D.L., Colombi, S., Colombo, L.P.L., Combet, C., Comis, B., Couchot, F., Coulais, A., Crill, B.P., Cruz, M., Curto, A., Cuttaia, F., Da Silva, A., Dahle, H., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Déchelette, T., Delabrouille, J., Delouis, J.-M., Démoclès, J., Désert, F.-X., Dick, J., Dickinson, C., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Douspis, M., Ducout, A., Dunkley, J., Dupac, X., Efstathiou, G., Elsner, F., Enßlin, T.A., Eriksen, H.K., Fabre, O., Falgarone, E., Falvella, M.C., Fantaye, Y., Fergusson, J., Fillard, C., Finelli, F., Flores-Cacho, I., Foley, S., Forni, O., Fosalba, P., Fraixis, M., Fraisse, A.A., Franceschi, E., Freschi, M., Fromenteau, S., Frommert, M., Gaier, T.C., Galeotta, S., Gallegos, J., Galli, S., Gandolfo, B., Ganga, K., Gauthier, C., Génova-Santos, R.T., Ghosh, T., Giard, M., Giardino, G., Gilfanov, M., Girard, D., Giraud-Héraud, Y., Gjerløw, E., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Gudmundsson, J.E., Haissinski, J., Hamann, J., Hansen, F.K., Hansen, M., Hanson, D., Harrison, D.L., Heavens, A., Helou, G., Hempel, A., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Ho, S., Hobson, M., Holmes, W.A., Hornstrup, A., Hou, Z., Hovest, W., Huey, G., Huppenberger, K.M., Hurier, G., Ilić, S., Jaffe, A.H., Jaffe, T.R., Jasche, J., Jewell, J., Jones, W.C., Juvela, M., Kalberla, P., Kangaslahti, P., Keihänen, E., Kerp, J., Kesitalo, R., Khamitov, I., Kiiveri, K., Kim, J., Kisner, T.S., Kneissl, R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lacasa, F., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Langer, M., Lasenby, A., Lattanzi, M., Laureijs, R.J., Lavabre, A., Lawrence, C.R., Le Jeune, M., Leach, S., Leahy, J.P., Leonardi, R., León-Tavares, J., Leroy, C., Lesgourgues, J., Lewis, A., Li, C., Liddle, A., Liguori, M., Lilje, P.B., Linden-Vornle, M., Lindholm, V., López-Cañiego, M., Lowe, S., Lubin, P.M., Macías-Pérez, J.F., MacTavish, C.J.,

Maffei, B., Maggio, G., Maino, D., Mandolesi, N., Mangilli, A., Marcos-Caballero, A., Marinucci, D., Maris, M., Marleau, F., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matsumura, T., Matthai, F., Maurin, L., Mazzotta, P., McDonald, A., McEwen, J.D., McGehee, P., Mei, S., Meinhold, P.R., Melchiorri, A., Melin, J.-B., Mendes, L., Menegoni, E., Mennella, A., Migliaccio, M., Mikkelsen, K., Millea, M., Miniscalco, R., Mitra, S., Miville-Deschênes, M.-A., Molinari, D., Moneti, A., Montier, L., Morgante, G., Morisset, N., Mortlock, D., Moss, A., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Negrello, M., Nesvadba, N.P.H., Netterfield, C.B., Nørgaard-Nielsen, H.U., North, C., Noviello, F., Novikov, D., Novikov, I., O'Dwyer, I.J., Orioux, F., Osborne, S., O'Sullivan, C., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Pandolfi, S., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Paykari, P., Pearson, D., Pearson, T.J., Peel, M., Peiris, H.V., Perdereau, O., Perotto, L., Perrotta, F., Pettorino, V., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Platania, P., Pogosyan, D., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Pullen, A.R., Rachen, J.P., Racine, B., Rahlin, A., Râth, C., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Renzi, A., Riazuelo, A., Ricciardi, S., Riller, T., Ringeval, C., Ristorcelli, I., Robbers, G., Rocha, G., Roman, M., Rosset, C., Rossetti, M., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Ruiz-Granados, B., Rusholme, B., Salerno, E., Sandri, M., Sanselme, L., Santos, D., Savelainen, M., Savini, G., Schaefer, B.M., Schiavon, F., Scott, D., Seiffert, M.D., Serra, P., Shellard, E.P.S., Smith, K., Smoot, G.F., Souradeep, T., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompór, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutter, P., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Taylor, D., Terenzi, L., Texier, D., Toffolatti, L., Tomasi, M., Torre, J.-P., Tristram, M., Tucci, M., Tuovinen, J., Türlér, M., Tuttlebee, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Varis, J., Vibert, L., Viel, M., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Watson, C., Watson, R., Wehus, I.K., Welikala, N., Weller, J., White, M., White, S.D.M., Wilkinson, A., Winkel, B., Xia, J.-Q., Yvon, D., Zacchei, A., Zibin, J.P., Zonca, A., 2014, *Planck 2013 results. I. Overview of products and scientific results*, A&A, 571, A1

Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F., Bridges, M., Bucher, M., Burigana, C., Cardoso, J.-F., Catalano, A., Challinor, A., Chamballu, A., Chary, R.R., Chen, X., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Combet, C., Comis, B., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Falgarone, E., Finelli, F., Forni, O., Frailis, M., Franceschi, E., Galeotta, S., Ganga, K., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Gudmundsson, J.E., Hansen, F.K., Hanson, D., Harrison, D., Helou, G., Henrot-Versillé, S., Herent, O., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hou, Z., Hovest, W., Huffenberger, K.M., Hurier, G., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Le Jeune, M., Leonardi, R., Leroy, C., Lesgourgues, J., Liguori, M., Lilje, P.B., Linden-Vørnle, M., López-Caniego, M., Lubin, P.M., Macías-Pérez, J.F., MacTavish, C.J., Maffei, B., Mandolesi, N., Maris, M., Marleau, F., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., McGehee, P., Meinhold, P.R., Melchiorri, A., Melot, F., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Mottet, S., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., North, C., Noviello, F., Novikov, D., Novikov, I., Orioux, F., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Pasian, F., Patanchon, G., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Racine, B., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I.,

- Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rusholme, B., Sanselme, L., Santos, D., Sauv e, A., Savini, G., Scott, D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Techene, S., Terenzi, L., Tomasi, M., Tristram, M., Tucci, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Vibert, L., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., White, S.D.M., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. VI. High Frequency Instrument data processing*, A&A, 571, A6
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Battaner, E., Benabed, K., Beno t, A., Benoit-L vy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bond, J.R., Borrill, J., Bouchet, F.R., Bowyer, J.W., Bridges, M., Bucher, M., Burigana, C., Cardoso, J.-F., Catalano, A., Challinor, A., Chaballu, A., Chary, R.R., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., D sart, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Dor , O., Douspis, M., Dupac, X., Efstathiou, G., EnBlin, T.A., Eriksen, H.K., Filliard, C., Finelli, F., Forni, O., Frailis, M., Franceschi, E., Galeotta, S., Ganga, K., Giard, M., Giardino, G., Giraud-H raud, Y., Gonz lez-Nuevo, J., G rski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Helou, G., Henrot-Versill , S., Hern andez-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huppenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keih nen, E., Keskitalo, R., Kisner, T.S., Kneissl, R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leonardi, R., Leroy, C., Lesgourgues, J., Liguori, M., Lilje, P.B., Linden-Vornle, M., L pez-Caniego, M., Lubin, P.M., Macias-P rez, J.F., Maffei, B., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Mart nez-Gonz lez, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Maurin, I., Mazzotta, P., McGehee, P., Meinhold, P.R., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Desch nes, M.-A., Moneti, A., Montier, L., Moreno, R., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., N rgaard-Nielsen, H.U., Novello, F., Novikov, D., Novikov, I., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Pearson, T.J., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Pr zeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rusholme, B., Santos, D., Savini, G., Scott, D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Techene, S., Terenzi, L., Tomasi, M., Tristram, M., Tucci, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. VIII. HFI photometric calibration and mapmaking*, A&A, 571, A8
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Battaner, E., Benabed, K., Beno t, A., Benoit-L vy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bond, J.R., Borrill, J., Bouchet, F.R., Bridges, M., Bucher, M., Burigana, C., Cardoso, J.-F., Catalano, A., Challinor, A., Chaballu, A., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., D sart, F.-X., Diego, J.M., Dole, H., Donzelli, S., Dor , O., Douspis, M., Dupac, X., Efstathiou, G., EnBlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Frailis, M., Franceschi, E., Galeotta, S., Ganga, K., Giard, M., Girard, D., Giraud-H raud, Y., Gonz lez-Nuevo, J., G rski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Henrot-Versill , S., Hern andez-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huppenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keih nen, E., Keskitalo, R., Kisner, T.S., Kneissl, R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leonardi, R., Leroy, C., Lesgourgues, J., Liguori, M., Lilje, P.B., Linden-Vornle, M., L pez-Caniego, M., Lubin, P.M., Macias-P rez, J.F., MacTavish, C.J., Maffei, B., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Mart nez-Gonz lez, E., Masi, S., Massardi, M., Matarrese, S., Matsumura, T., Matthai, F., Mazzotta, P., McGehee, P., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Desch nes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., N rgaard-Nielsen, H.U., Novello, F., Novikov, D., Novikov, I., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paoletti, D., Pasian, F., Patanchon, G., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polegre, A.M., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Pr zeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rusholme, B., Sandri, M., Santos, D., Sauv e, A., Savini, G., Scott, D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Techene, S., Terenzi, L., Tomasi, M., Tristram, M., Tucci, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. VII. HFI time response and beams*, A&A, 571, A7
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Battaner, E., Benabed, K., Beno t, A., Benoit-L vy, A., Bernard, J.-P., Bersanelli, M., Bertinocourt, B., Bielewicz, P., Bobin, J., Bock, J.J., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F.,

R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leonardi, R., Leroy, C., Lesgourgues, J., Liguori, M., Lilje, P.B., Linden-Vørnle, M., López-Cañiego, M., Lubin, P.M., Macías-Pérez, J.F., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., McGehee, P., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Miniussi, A., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Mottet, S., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paoletti, D., Pasian, F., Patanchon, G., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Racine, B., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rusholme, B., Sanselme, L., Santos, D., Sauvé, A., Savini, G., Scott, D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation*, A&A, 571, A10

Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bonaldi, A., Bonavera, L., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Cardoso, J.-F., Castex, G., Catalano, A., Challinor, A., Chaballu, A., Chary, R.R., Chen, X., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colley, J.-M., Colombo, S., Colombo, L.P.L., Couchot, F., Coullais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Falgarone, E., Finelli, F., Forni, O., Frailis, M., Fraisse, A.A., Franceschi, E., Galeotta, S., Ganga, K., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Helou, G., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huppenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leonardi, R., Lesgourgues, J., Liguori, M., Lilje, P.B., Linden-Vørnle, M., López-Cañiego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., Meinhold, P.R., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Molinari, D., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Moss, A., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., O'Dwyer, I.J., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Pearson, T.J., Perdereau, O., Perotto, L., Perrotta, F., Pettorino, V., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Platania, P., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Renzi, A., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Roman, M., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rusholme, B., Salerno, E., Sandri, M., Santos, D., Savini, G., Schiavon, F., Scott, D., Seiffert, M.D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stompor, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Türlér, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Varis, J., Viel, M., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Wehus, I.K., Wilkinson, A., Xia, J.-Q., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XII. Diffuse component separation*, A&A, 571, A12

Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Cardoso, J.-F., Catalano, A., Chaballu, A., Chary, R.R., Chen, X., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colley, J.-M., Colombo, S., Colombo, L.P.L., Couchot, F., Coullais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Frailis, M., Fraisse, A.A., Franceschi, E., Galeotta, S., Ganga, K., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Helou, G., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huppenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leonardi, R., Lesgourgues, J., Liguori, M., Lilje, P.B., Linden-Vørnle, M., López-Cañiego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., Meinhold, P.R., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Molinari, D., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Moss, A., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., O'Dwyer, I.J., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Pearson, T.J., Perdereau, O., Perotto, L., Perrotta, F., Pettorino, V., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Platania, P., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rusholme, B., Sandri, M., Santos, D., Savini, G., Scott, D., Seiffert, M.D., Shellard, E.P.S., Smoot, G.F., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Türlér, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Varis, J., Viel, M., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Wehus, I.K., Wilkinson, A., Xia, J.-Q., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XII. Diffuse component separation*, A&A, 571, A12

M., Tucci, M., Tuovinen, J., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XIV. Zodiacal emission*, A&A, 571, A14

Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bonaldi, A., Bonavera, L., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Calabrese, E., Cardoso, J.-F., Catalano, A., Challinor, A., Chaballu, A., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Combet, C., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dunkley, J., Dupac, X., Efstathiou, G., Elsner, F., EnBlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Frailis, M., Fraisse, A.A., Franceschi, E., Gaier, T.C., Galeotta, S., Galli, S., Ganga, K., Giard, M., Giardino, G., Giraud-Héraud, Y., Gjerlow, E., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Gudmundsson, J.E., Hansen, F.K., Hanson, D., Harrison, D., Helou, G., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huppenberger, K.M., Hurier, G., Jaffe, A.H., Jaffe, T.R., Jewell, J., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Kiiveri, K., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Lattanzi, M., Laureijs, R.J., Lawrence, C.R., Le Jeune, M., Leach, S., Leahy, J.P., Leonardi, R., León-Tavares, J., Lesgourgues, J., Liguori, M., Lilje, P.B., Linden-Vornle, M., Lindholm, V., López-Cañiego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Marinucci, D., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthaï, F., Mazzotta, P., Meinhold, P.R., Melchiorri, A., Mendes, L., Menegoni, E., Mennella, A., Migliaccio, M., Millea, M., Mitra, S., Miville-Deschênes, M.-A., Molinari, D., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Moss, A., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Norgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., O'Dwyer, I.J., Orioux, F., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Pearson, D., Pearson, T.J., Peiris, H.V., Perdereau, O., Perotto, L., Perrotta, F., Pettorino, V., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczynski, S., Platania, P., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Rahlén, A., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Santos, D., Savelainen, M., Savini, G., Scott, D., Seiffert, M.D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Türler, M., Umana, G., Valenziano, L., Valiviita, J., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Wehus, I.K., White, M., White, S.D.M., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XV. CMB power spectra and likelihood*, A&A, 571, A15

Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Basak, S., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bonaldi, A., Bonavera, L., Bond, J.R., Borrill, J., Bouchet, F.R., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Cardoso, J.-F., Catalano, A., Challinor, A., Chaballu, A., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Déchelette, T.,

Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Calabrese, E., Cappellini, B., Cardoso, J.-F., Catalano, A., Challinor, A., Chaballu, A., Chary, R.R., Chen, X., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dunkley, J., Dupac, X., Efstathiou, G., Elsner, F., EnBlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Frailis, M., Fraisse, A.A., Franceschi, E., Gaier, T.C., Galeotta, S., Galli, S., Ganga, K., Giard, M., Giardino, G., Giraud-Héraud, Y., Gjerlow, E., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Gudmundsson, J.E., Haissinski, J., Hamann, J., Hansen, F.K., Hanson, D., Harrison, D., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hou, Z., Hovest, W., Huppenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jewell, J., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Lattanzi, M., Laureijs, R.J., Lawrence, C.R., Leach, S., Leahy, J.P., Leonardi, R., León-Tavares, J., Lesgourgues, J., Lewis, A., Liguori, M., Lilje, P.B., Linden-Vornle, M., López-Cañiego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthaï, F., Mazzotta, P., Meinhold, P.R., Melchiorri, A., Melin, J.-B., Mendes, L., Menegoni, E., Mennella, A., Migliaccio, M., Millea, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Moss, A., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Norgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., O'Dwyer, I.J., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Pearson, D., Pearson, T.J., Peiris, H.V., Perdereau, O., Perotto, L., Perrotta, F., Pettorino, V., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczynski, S., Platania, P., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Santos, D., Savelainen, M., Savini, G., Scott, D., Seiffert, M.D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Türler, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Wehus, I.K., White, M., White, S.D.M., Wilkinson, A., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XVI. Cosmological parameters*, A&A, 571, A16

Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Basak, S., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bonaldi, A., Bonavera, L., Bond, J.R., Borrill, J., Bouchet, F.R., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Cardoso, J.-F., Catalano, A., Challinor, A., Chaballu, A., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Déchelette, T.,

- Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dunkley, J., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Frailis, M., Franceschi, E., Galeotta, S., Ganga, K., Giard, M., Giardino, G., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Gudmundsson, J.E., Hansen, F.K., Hanson, D., Harrison, D., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Ho, S., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lavabre, A., Lawrence, C.R., Leahy, J.P., Leonardi, R., León-Tavares, J., Lesgourgues, J., Lewis, A., Liguori, M., Lilje, P.B., Linden-Vornle, M., López-Caniego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Mangilli, A., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Moss, A., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, I., Novikov, I., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Santos, D., Savini, G., Scott, D., Seiffert, M.D., Shellard, E.P.S., Smith, K., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., White, M., White, S.D.M., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XVII. Gravitational lensing by large-scale structure*, A&A, 571, A17
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Basak, S., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bethermin, M., Bielewicz, P., Bobin, J., Bock, J.J., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Cardoso, J.-F., Catalano, A., Challinor, A., Chamballu, A., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coullais, A., Crill, B.P., Curto, A., Cuttaia, F., Da Silva, A., Dahle, H., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Démoclès, J., Désert, F.-X., Dickinson, C., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Flores-Cacho, I., Forni, O., Frailis, M., Franceschi, E., Fromenteau, S., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Giardino, G., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Hurier, G., Jaffe, T.R., Jaffe, A.H., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Khamitov, I., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leahy, J.P., Leonardi, R., León-Tavares, J., Lesgourgues, J., Liddle, A., Liguori, M., Lilje, P.B., Linden-Vornle, M., López-Caniego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Marcos-Caballero, A., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Matarrese, S., Matthai, F., Mazzotta, P., Meinhold, P.R., Melchiorri, A., Melin, J.-B., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Moss, A., Munshi, D., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paoletti, D., Lawrence, C.R., Leonardi, R., León-Tavares, J., Lesgourgues, J., Liguori, M., Lilje, P.B., Linden-Vornle, M., López-Caniego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paoletti, D., Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Barrena, R., Bartlett, J.G., Battaner, E., Battye, R., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Bourdin, H., Bridges, M., Brown, M.L., Bucher, M., Burenin, R., Burigana, C., Butler, R.C., Cardoso, J.-F., Carvalho, P., Catalano, A., Challinor, A., Chamballu, A., Chary, R.R., Chiang, L.-Y., Chiang, H.C., Chon, G., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coullais, A., Crill, B.P., Curto, A., Cuttaia, F., Da Silva, A., Dahle, H., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Démoclès, J., Désert, F.-X., Dickinson, C., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Flores-Cacho, I., Forni, O., Frailis, M., Franceschi, E., Fromenteau, S., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Giardino, G., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Hurier, G., Jaffe, T.R., Jaffe, A.H., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Khamitov, I., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leahy, J.P., Leonardi, R., León-Tavares, J., Lesgourgues, J., Liddle, A., Liguori, M., Lilje, P.B., Linden-Vornle, M., López-Caniego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Marcos-Caballero, A., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Matarrese, S., Matthai, F., Mazzotta, P., Meinhold, P.R., Melchiorri, A., Melin, J.-B., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Moss, A., Munshi, D., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paoletti, D.,

- Partridge, B., Pasion, F., Patanchon, G., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczynski, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Roman, M., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Santos, D., Savini, G., Scott, D., Seiffert, M.D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Türler, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Varis, J., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., White, S.D.M., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts*, A&A, 571, A20
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Calabrese, E., Cardoso, J.-F., Catalano, A., Challinor, A., Chamballu, A., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dunkley, J., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Frailis, M., Franceschi, E., Galeotta, S., Ganga, K., Gauthier, C., Giard, M., Giardino, G., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Hamann, J., Hansen, F.K., Hanson, D., Harrison, D., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Kisner, T.S., Kneissl, R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leach, S., Leahy, J.P., Leonardi, R., Lesgourgues, J., Lewis, A., Liguori, M., Lilje, P.B., Linden-Vørnle, M., López-Cañiego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., Meinhold, P.R., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Moss, A., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., Novello, F., Novikov, D., Novikov, I., O'Dwyer, I.J., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Paoletti, S., Paoletti, D., Partridge, B., Pasion, F., Patanchon, G., Peiris, H.V., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczynski, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Santos, D., Savelainen, M., Savini, G., Scott, D., Seiffert, M.D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Varis, J., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., White, M., Wilkinson, A., Yvon, D., Zacchei, A., Zibin, J.P., Zonca, A., 2014, *Planck 2013 results. XXII. Constraints on inflation*, A&A, 571, A22
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Aussel, H., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Barrena, R., Bartelmann, M., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bikmaev, I., Bobin, J., Bock, J.J.,

- Böhringer, H., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Bridges, M., Bucher, M., Burenin, R., Burigana, C., Butler, R.C., Cardoso, J.-F., Carvalho, P., Catalano, A., Challinor, A., Chamballu, A., Chary, R.R., Chen, X., Chiang, H.C., Chiang, L.-Y., Chon, G., Christensen, P.R., Churazov, E., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Comis, B., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Da Silva, A., Dahle, H., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Démoclès, J., Désert, F.-X., Dickinson, C., Diego, J.M., Dolag, K., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Eisenhardt, P.R.M., Enßlin, T.A., Eriksen, H.K., Feroz, F., Finelli, F., Flores-Cacho, I., Forni, O., Fraiilis, M., Franceschi, E., Fromenteau, S., Galeotta, S., Ganga, K., Génova-Santos, R.T., Giard, M., Giardino, G., Gilfanov, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Grainge, K.J.B., Gratton, S., Gregorio, A., Groeneboom, N.E., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Hempel, A., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Hurier, G., Hurley-Walker, N., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Khamitov, I., Kisner, T.S., *Kneissl*, R., Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leahy, J.P., Leonardi, R., León-Tavares, J., Liguori, M., Lilje, P.B., Linden-Vørnle, M., López-Cañiego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., Mei, S., Meinhold, P.R., Melchiorri, A., Melin, J.-B., Mendes, L., Mennella, A., Migliaccio, M., Mikkelsen, K., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Nesvadba, N.P.H., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., O'Dwyer, I.J., Olamaie, M., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paoletti, D., Pasian, F., Patanchon, G., Pearson, T.J., Perdereau, O., Perotto, L., Perrott, Y.C., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczynski, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rumsey, C., Rusholme, B., Sandri, M., Santos, D., Saunders, R.D.E., Savini, G., Schammel, M.P., Scott, D., Seiffert, M.D., Shellard, E.P.S., Shimwell, T.W., Spencer, L.D., Stanford, S.A., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Türler, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Varis, J., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Walter, B., Wandelt, B.D., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources*, A&A, 571, A29
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Argüeso, F., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Beelen, A., Benabed, K., Benoît, A., Benoît-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bock, J.J., Bonaldi, A., Bonavera, L., Bond, J.R., Borrill, J., Bouchet, F.R., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Cardoso, J.-F., Carvalho, P., Catalano, A., Challinor, A., Chamballu, A., Chen, X., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Fraiilis, M., Franceschi, E., Galeotta, S., Ganga, K., Ghosh, T., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Helou, G., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, Colombi, S., Colombo, L.P.L., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Fraiilis, M., Franceschi, E., Galeotta, S., Ganga, K., Giard, M., Giardino, G., Giraud-Héraud, Y., Gruppuso, A., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Negrello, M., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., O'Dwyer, I.J., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Pearson, T.J., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczynski, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Santos, D., Savini, G., Scott, D., Seiffert, M.D., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Türler, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Varis, J., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Walter, B., Wandelt, B.D., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XXVIII. The Planck Catalogue of Compact Sources*, A&A, 571, A28
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Armitage-Caplan, C., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoît, A., Benoît-Lévy, A., Bernard, J.-P., Bersanelli, M., Bethermin, M., Bielewicz, P., Blagrove, K., Bobin, J., Bock, J.J., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F., Bridges, M., Bucher, M., Burigana, C., Butler, R.C., Cardoso, J.-F., Catalano, A., Challinor, A., Chamballu, A., Chen, X., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Church, S., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Coulais, A., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Delouis, J.-M., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Fraiilis, M., Franceschi, E., Galeotta, S., Ganga, K., Ghosh, T., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gratton, S., Gregorio, A., Gruppuso, A., Hansen, F.K., Hanson, D., Harrison, D., Helou, G., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela,

- M., Kalberla, P., Keihänen, E., Kerp, J., Keskitalo, R., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lacasa, F., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Langer, M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leonardi, R., León-Tavares, J., Lesgourgues, J., Liguori, M., Lilje, P.B., Linden-Vornle, M., López-Caniego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Matthai, F., Mazzotta, P., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Netterfield, C.B., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Osborne, S., Oxborrow, C.A., Paci, F., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Partridge, B., Pasian, F., Patanchon, G., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Poutanen, T., Pratt, G.W., Prézeau, G., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rowan-Robinson, M., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Santos, D., Savini, G., Scott, D., Seiffert, M.D., Serra, P., Shellard, E.P.S., Spencer, L.D., Starck, J.-L., Stolyarov, V., Stompor, R., Sudiwala, R., Sunyaev, R., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Tuovinen, J., Türler, M., Valenziano, L., Valiviita, J., Van Tent, B., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Welikala, N., White, M., White, S.D.M., Winkel, B., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck 2013 results. XXX. Cosmic infrared background measurements and implications for star formation*, A&A, 571, A30
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Alves, M.I.R., Arnaud, M., Ashdown, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F., Bucher, M., Burigana, C., Butler, R.C., Cardoso, J.-F., Catalano, A., Chamballu, A., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Crill, B.P., Curto, A., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Enßlin, T.A., Eriksen, H.K., Falgarone, E., Finelli, F., Forni, O., Frailis, M., Franceschi, E., Galeotta, S., Ganga, K., Ghosh, T., Giard, M., Giardino, G., González-Nuevo, J., Górski, K.M., Gregorio, A., Gruppuso, A., Hansen, F.K., Harrison, D.L., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Holmes, W.A., Hornstrup, A., Hovest, W., Jaffe, A.H., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Kisner, T.S., *Kneissl, R.*, Knoche, J., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Laureijs, R.J., Lawrence, C.R., Leonardi, R., Levrier, F., Liguori, M., Lilje, P.B., Linden-Vornle, M., López-Caniego, M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Matarrese, S., Mazzotta, P., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Oxborrow, C.A., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Patanchon, G., Pearson, T.J., Peel, M., Perdereau, O., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Pratt, G.W., Prunet, S., Puget, J.-L., Rachen, J.P., Rebolo, R., Reich, W., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Savini, G., Scott, D., Spencer, L.D., Stolyarov, V., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Tibbs, C.T., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Valenziano, L., Valiviita, J., Van Tent, B., Varis, J., Verstraete, L., Vielva, P., Villa, F., Wandelt, B.D., Watson, R., Wilkinson, A., Ysard, N., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck intermediate results. XV. A study of anomalous microwave emission in Galactic clouds*, A&A, 565, A103
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Arnaud, M., Ashdown, M., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bonaldi, A., Bond, J.R., Bouchet, F.R., Burigana, C., Cardoso, J.-F., Catalano, A., Chamballu, A., Chiang, H.C., Christensen, P.R., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Enßlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Frailis, M., Franceschi, E., Galeotta, S., Galli, S., Ganga, K., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gregorio, A., Gruppuso, A.,
- Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Savini, G., Scott, D., Spencer, L.D., Starck, J.-L., Stolyarov, V., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Valenziano, L., Valiviita, J., Van Tent, B., Verstraete, L., Vielva, P., Villa, F., Vittorio, N., Wade, L.A., Wandelt, B.D., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane*, A&A, 564, A45
- Planck Collaboration, P.C., Ade, P.A.R., Aghanim, N., Alves, M.I.R., Arnaud, M., Atrio-Barandela, F., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Battaner, E., Benabed, K., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bonaldi, A., Bond, J.R., Borrill, J., Bouchet, F.R., Boulanger, F., Burigana, C., Cardoso, J.-F., Casassus, S., Catalano, A., Chamballu, A., Chen, X., Chiang, H.C., Chiang, L.-Y., Christensen, P.R., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Crill, B.P., Cuttaia, F., Danese, L., Davies, R.D., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Désert, F.-X., Dickinson, D., Diego, J.M., Donzelli, S., Doré, O., Dupac, X., Enßlin, T.A., Eriksen, H.K., Finelli, F., Forni, O., Franceschi, E., Galeotta, S., Ganga, K., Génova-Santos, R.T., Ghosh, T., Giard, M., González-Nuevo, J., Górski, K.M., Gregorio, A., Gruppuso, A., Hansen, F.K., Harrison, D.L., Helou, G., Hernández-Monteagudo, C., Hildebrandt, S.R., Hivon, E., Hobson, M., Hornstrup, A., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Keihänen, E., Keskitalo, R., *Kneissl, R.*, Knoche, J., Kunz, M., Kurki-Suonio, H., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Lawrence, C.R., Leonardi, R., Liguori, M., Lilje, P.B., Linden-Vornle, M., López-Caniego, M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Mazzotta, P., Meinhold, P.R., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Naselsky, P., Nati, F., Natoli, P., Nørgaard-Nielsen, H.U., Noviello, F., Novikov, D., Novikov, I., Oxborrow, C.A., Pagano, L., Pajot, F., Paladini, R., Paoletti, D., Patanchon, G., Pearson, T.J., Peel, M., Perdereau, O., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Pratt, G.W., Prunet, S., Puget, J.-L., Rachen, J.P., Rebolo, R., Reich, W., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Savini, G., Scott, D., Spencer, L.D., Stolyarov, V., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Tavagnacco, D., Terenzi, L., Tibbs, C.T., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Valenziano, L., Valiviita, J., Van Tent, B., Varis, J., Verstraete, L., Vielva, P., Villa, F., Wandelt, B.D., Watson, R., Wilkinson, A., Ysard, N., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck intermediate results. XV. A study of anomalous microwave emission in Galactic clouds*, A&A, 565, A103

- Hansen, F.K., Harrison, D.L., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Jaffe, A.H., Jaffe, T.R., Jones, W.C., Juvela, M., Keihänen, E., Keskitalo, R., Kisner, T.S., *Kneissl, R.*, Knoche, J., Knox, L., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Lawrence, C.R., Leonardi, R., Liddle, A., Liguori, M., Lilje, P.B., Linden-Vørnle, M., López-Cañiego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Mazzotta, P., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Noviello, F., Novikov, D., Novikov, I., Oxborrow, C.A., Pagano, L., Pajot, F., Paoletti, D., Pasian, F., Perdereau, O., Perotto, L., Perrotta, F., Pettorino, V., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polenta, G., Popa, L., Pratt, G.W., Puget, J.-L., Rachen, J.P., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rouillé d'Orfeuille, B., Rubiño-Martín, J.A., Rusholme, B., Sandri, M., Savelainen, M., Savini, G., Spencer, L.D., Spinelli, M., Starck, J.-L., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Vielva, P., Villa, F., Wade, L.A., Wandelt, B.D., White, M., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck intermediate results. XVI. Profile likelihoods for cosmological parameters*, A&A, 566, A54
- Planck Collaboration, P.C., Abergel, A., Ade, P.A.R., Aghanim, N., Alves, M.I.R., Aniano, G., Arnaud, M., Ashdown, M., Aumont, J., Baccigalupi, C., Banday, A.J., Barreiro, R.B., Bartlett, J.G., Battaner, E., Benabed, K., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bobin, J., Bonaldi, A., Bond, J.R., Bouchet, F.R., Boulanger, F., Burigana, C., Cardoso, J.-F., Catalano, A., Chamballu, A., Chiang, H.C., Christensen, P.R., Clements, D.L., Colombi, S., Colombo, L.P.L., Couchot, F., Crill, B.P., Cuttaia, F., Danese, L., Davis, R.J., de Bernardis, P., de Rosa, A., de Zotti, G., Delabrouille, J., Désert, F.-X., Dickinson, C., Diego, J.M., Dole, H., Donzelli, S., Doré, O., Douspis, M., Dupac, X., Efstathiou, G., Enßlin, T.A., Eriksen, H.K., Falgarone, E., Finelli, F., Forni, O., Fraix, M., Franceschi, E., Galeotta, S., Gangui, K., Ghosh, T., Giard, M., Giraud-Héraud, Y., González-Nuevo, J., Górski, K.M., Gregorio, A., Gruppuso, A., Guillet, V., Hansen, F.K., Harrison, D., Helou, G., Henrot-Versillé, S., Hernández-Monteagudo, C., Herranz, D., Hildebrandt, S.R., Hivon, E., Hobson, M., Holmes, W.A., Hornstrup, A., Hovest, W., Huffenberger, K.M., Jaffe, A.H., Jaffe, T.R., Joncas, G., Jones, A., Jones, W.C., Juvela, M., Kalberla, P., Keihänen, E., Kerp, J., Keskitalo, R., Kisner, T.S., *Kneissl, R.*, Knoche, J., Kunz, M., Kurki-Suonio, H., Lagache, G., Lähteenmäki, A., Lamarre, J.-M., Lasenby, A., Lawrence, C.R., Leonardi, R., Levrier, F., Liguori, M., Lilje, P.B., Linden-Vørnle, M., López-Cañiego, M., Lubin, P.M., Macías-Pérez, J.F., Maffei, B., Maino, D., Mandolesi, N., Maris, M., Marshall, D.J., Martin, P.G., Martínez-González, E., Masi, S., Massardi, M., Matarrese, S., Mazzotta, P., Melchiorri, A., Mendes, L., Mennella, A., Migliaccio, M., Mitra, S., Miville-Deschênes, M.-A., Moneti, A., Montier, L., Morgante, G., Mortlock, D., Munshi, D., Murphy, J.A., Naselsky, P., Nati, F., Natoli, P., Noviello, F., Novikov, D., Novikov, I., Oxborrow, C.A., Pagano, L., Pajot, F., Paoletti, D., Pasian, F., Perdereau, O., Perotto, L., Perrotta, F., Piacentini, F., Piat, M., Pierpaoli, E., Pietrobon, D., Plaszczyński, S., Pointecouteau, E., Polenta, G., Ponthieu, N., Popa, L., Pratt, G.W., Prunet, S., Puget, J.-L., Rachen, J.P., Reach, W.T., Rebolo, R., Reinecke, M., Remazeilles, M., Renault, C., Ricciardi, S., Riller, T., Ristorcelli, I., Rocha, G., Rosset, C., Roudier, G., Rusholme, B., Sandri, M., Savini, G., Spencer, L.D., Starck, J.-L., Sureau, F., Sutton, D., Suur-Uski, A.-S., Sygnet, J.-F., Tauber, J.A., Terenzi, L., Toffolatti, L., Tomasi, M., Tristram, M., Tucci, M., Umana, G., Valenziano, L., Valiviita, J., Van Tent, B., Vielva, P., Villa, F., Wade, L.A., Wandelt, B.D., White, M., Yvon, D., Zacchei, A., Zonca, A., 2014, *Planck intermediate results. XVII. Emission of dust in the diffuse interstellar medium from the far-infrared to microwave frequencies*, A&A, 566, A55
- Krogager, J.-K., Zirm, A.W., Toft, S. & Man, A. 2014, *A Spectroscopic Sample of Massive, Quiescent z ~ 2 Galaxies: Implications for the Evolution of the Mass-Size Relation*, ApJ, 797, 17
- Toft, S., Smolčić, V., Magnelli, B., Karim, A., Zirm, A., Michalowski, M., Capak, P., Sheth, K., Schawinski, K., Krogager, J.-K., Wuyts, S., Sanders, D., Man, A.W.S., Lutz, D., Staguhn, J., Berta, S., Mccracken, H., Krpan, J., Riechers, D., 2014, *Submillimeter Galaxies as Progenitors of Compact Quiescent Galaxies*, ApJ, 782, 68
- Cano, Z., de Ugarte Postigo, A., Pozanenko, A., Butler, N., Thöne, C.C., Guidorzi, C., *Krühler, T.*, Gorosabel, J., Jakobsson, P., Leloudas, G., Malesani, D., Hjorth, J., Melandri, A., Mundell, C., Wiersema, K., D'Avanzo, P., Schulze, S., Gomboc, A., Johansson, A., Zheng, W., Kann, D.A., Knust, F., Varela, K., Akerlof, C.W., Bloom, J., Burkhonov, O., Cooke, E., de Diego, J.A., Dhungana, G., Farina, C., Ferrante, F.V., Flewelling, H.A., Fox, O.D., Fynbo, J., Gehrels, N., Georgiev, L., González, J.J., Greiner, J., Güver, T., Hartoog, O., Hatch, N., Jelinek, M., Kehoe, R., Klose, S., Klunko, E., Kopač, D., Kutlyrev, A., Krugly, Y., Lee, W.H., Levan, A., Linkov, V., Matkin, A., Minikulov, N., Molotov, I., Prochaska, J.X., Richer, M.G., Román-Zúñiga, C.G., Rummyantsev, V., Sánchez-Ramírez, R., Steele, I., Tanvir, N.R., Volnova, A., Watson, A.M., Xu, D. & Yuan, F. 2014, *A trio of gamma-ray burst supernovae: GRB 120729A, GRB 130215A/SN 2013ez, and GRB 130831A/SN 2013fu*, A&A, 568, A19
- Nardini, M., Elliott, J., Filgas, R., Schady, P., Greiner, J., *Krühler, T.*, Klose, S., Afonso, P., Kann, D.A., Nicuesa Guelbenzu, A., Olivares E., F., Rau, A., Rossi, A., Sudilovsky, V. & Schmidl, S. 2014, *Afterglow rebrightenings as a signature of a long-lasting central engine activity?. The emblematic case of GRB 100814A*, A&A, 562, A29
- Schulze, S., Malesani, D., Cucchiara, A., Tanvir, N.R., *Krühler, T.*, de Ugarte Postigo, A., Leloudas, G., Lyman, J., Bersier, D., Wiersema, K., Perley, D.A., Schady, P., Gorosabel, J., Anderson, J.P., Castro-Tirado, A.J., Cenko, S.B., De Cia, A., Ellerbroek, L.E., Fynbo, J.P.U., Greiner, J., Hjorth, J., Kann, D.A., Kaper, L., Klose, S., Levan, A.J., Martín, S., O'Brien, P.T., Page, K.L., Pignata, G., Rapaport, S., Sánchez-Ramírez, R., Sollerman, J., Smith, I.A., Sparre, M., Thöne, C.C., Watson, D.J., Xu, D., Bauer, F.E., Bayliss, M., Björnsson, G., Bremer, M., Cano, Z., Covino, S., D'Elia, V., Frail, D.A., Geier, S., Goldoni, P., Hartoog, O.E., Jakobsson, P., Korhonen, H., Lee, K.Y., Milvang-Jensen, B., Nardini, M., Nicuesa Guelbenzu, A., Oguri, M., Pandey, S.B., Petitpas, G., Rossi, A., Sandberg, A., Schmidl, S., Tagliaferri, G., Tilanus, R.P.J., Winters, J.M., Wright, D. & Wuyts, E. 2014, *GRB 120422A/SN 2012bz: Bridging the gap between low- and high-luminosity gamma-ray bursts*, A&A, 566, A102
- Martin-Carrillo, A., Hanlon, L., Topinka, M., LaCluzé, A.P., Savchenko, V., Kann, D.A., Trotter, A.S., Covino, S., *Krühler, T.*, Greiner, J., McGlynn, S., Murphy, D., Tisdall, P., Meehan, S., Wade, C., McBreen, B., Reichart, D.E., Fugazza, D., Haislip, J.B., Rossi, A., Schady, P., Elliott, J. & Klose, S. 2014, *GRB 120711A: an intense INTEGRAL burst with long-lasting soft γ -ray emission and a powerful optical flash*, A&A, 567, A84
- Greiner, J., Yu, H.-F., *Krühler, T.*, Frederiks, D.D., Beloborodov, A., Bhat, P.N., Bolmer, J., van Eerten, H., Aptekar, R.L., Elliott, J., Golenetskii, S.V., Graham, J.F., Hurley, K., Kann, D.A., Klose, S., Nicuesa Guelbenzu, A., Rau, A., Schady, P., Schmidl, S., Sudilovsky, V., Svinkin, D.S., Tanga, M., Ulanov, M.V., Varela, K.,

- von Kienlin, A. & Zhang, X.-L., 2014, *GROND coverage of the main peak of gamma-ray burst 130925A*, A&A, 568, A75
- Elliott, J., Yu, H.-F., Schmidl, S., Greiner, J., Gruber, D., Oates, S., Kobayashi, S., Zhang, B., Cummings, J.R., Filgas, R., Gehrels, N., Grupe, D., Kann, D.A., Klose, S., *Krühler, T.*, Nicuesa Guelbenzu, A., Rau, A., Rossi, A., Siegel, M., Schady, P., Sudilovsky, V., Tanga, M. & Varela, K. 2014, *Prompt emission of GRB 121217A from gamma-rays to the near-infrared*, A&A, 562, A100
- Sparre, M., Hartoog, O.E., *Krühler, T.*, Fynbo, J.P.U., Watson, D.J., Wiersema, K., D'Elia, V., Zafar, T., Afonso, P.M.J., Covino, S., de Ugarte Postigo, A., Flores, H., Goldoni, P., Greiner, J., Hjorth, J., Jakobsson, P., Kaper, L., Klose, S., Levan, A.J., Malesani, D., Milvang-Jensen, B., Nardini, M., Piranomonte, S., Sollerman, J., Sánchez-Ramírez, R., Schulze, S., Tanvir, N.R., Vergani, S.D. & Wijers, R.A.M.J. 2014, *The Metallicity and Dust Content of a Redshift 5 Gamma-Ray Burst Host Galaxy*, ApJ, 785, 150
- Fynbo, J.P.U., *Krühler, T.*, Leighly, K., Ledoux, C., Vreeswijk, P.M., Schulze, S., Noterdaeme, P., Watson, D., Wijers, R.A.M.J., Bolmer, J., Cano, Z., Christensen, L., Covino, S., D'Elia, V., Flores, H., Friis, M., Goldoni, P., Greiner, J., Hammer, F., Hjorth, J., Jakobsson, P., Japelj, J., Kaper, L., Klose, S., Knust, F., Leloudas, G., Levan, A., Malesani, D., Milvang-Jensen, B., Møller, P., Nicuesa Guelbenzu, A., Oates, S., Pian, E., Schady, P., Sparre, M., Tagliaferri, G., Tanvir, N., Thöne, C.C., de Ugarte Postigo, A., Vergani, S., Wiersema, K., Xu, D. & Zafar, T. 2014, *The mysterious optical afterglow spectrum of GRB 140506A at $z = 0.889$* , A&A, 572, A12
- Markowitz, A.G., Krumpe, M. & Nikutta, R. 2014, *First X-ray-based statistical tests for clumpy-torus models: eclipse events from 230 years of monitoring of Seyfert AGN*, MNRAS, 439, 1403
- Cantiello, M., Blakeslee, J.P., Raimondo, G., Chies-Santos, A.L., Jennings, Z.G., Norris, M.A. & *Kuntschner, H.* 2014, *Globular clusters of NGC 3115 in the near-infrared. Demonstrating the correctness of two opposing scenarios*, A&A, 564, L3
- Jaffé, Y.L., Aragón-Salamanca, A., Ziegler, B., *Kuntschner, H.*, Zaritsky, D., Rudnick, G., Poggianti, B.M., Hoyos, C., Halliday, C. & Demarco, R. 2014, *Ionized gas discs in elliptical and S0 galaxies at $z < 1$* , MNRAS, 440, 3491
- Schönebeck, F., Puzia, T.H., Pasquali, A., Grebel, E.K., Kissler-Patig, M., *Kuntschner, H.*, Lyubenova, M. & Perina, S. 2014, *The Panchromatic High-Resolution Spectroscopic Survey of Local Group Star Clusters. I. General data reduction procedures for the VLT/X-shooter UVB and VIS arm*, A&A, 572, A13
- Gonzalez-Perez, V., Lacey, C.G., Baugh, C.M., *Lagos, C.D.P.*, Helly, J., Campbell, D.J.R. & Mitchell, P.D. 2014, *How sensitive are predicted galaxy luminosities to the choice of stellar population synthesis model?*, MNRAS, 439, 264
- Lagos, C.d.P.*, Davis, T.A., Lacey, C.G., Zwaan, M.A., Baugh, C.M., Gonzalez-Perez, V. & Padilla, N.D. 2014, *The origin of the atomic and molecular gas contents of early-type galaxies - I. A new test of galaxy formation physics*, MNRAS, 443, 1002
- Lagos, C.D.P.*, Baugh, C.M., Zwaan, M.A., Lacey, C.G., Gonzalez-Perez, V., Power, C., Swinbank, A.M. & van Kampen, E. 2014, *Which galaxies dominate the neutral gas content of the Universe?*, MNRAS, 440, 920
- Perucho, M., Martí, J.M., *Laing, R.A.* & Hardee, P.E. 2014, *On the deceleration of Fanaroff-Riley Class I jets: mass loading by stellar winds*, MNRAS, 441, 1488
- Laing, R.A.* & Bridle, A.H. 2014, *Systematic properties of decelerating relativistic jets in low-luminosity radio galaxies*, MNRAS, 437, 3405
- Dutta, R., Srianand, R., Rahmani, H., Petitjean, P., Noterdaeme, P. & *Ledoux, C.* 2014, *A study of low-metallicity DLAs at high redshift and C II* as a probe of their physical conditions*, MNRAS, 440, 307
- Albornoz Vásquez, D., Rahmani, H., Noterdaeme, P., Petitjean, P., Srianand, R. & *Ledoux, C.* 2014, *Molecular hydrogen in the zabs = 2.66 damped Lyman- α absorber towards Q J 0643-5041. Physical conditions and limits on the cosmological variation of the proton-to-electron mass ratio*, A&A, 562, A88
- D'Elia, V., Fynbo, J.P.U., Goldoni, P., Covino, S., de Ugarte Postigo, A., *Ledoux, C.*, Calura, F., Gorosabel, J., Malesani, D., Matteucci, F., Sánchez-Ramírez, R., Savaglio, S., Castro-Tirado, A.J., Hartoog, O.E., Kaper, L., Muñoz-Darias, T., Pian, E., Piranomonte, S., Tagliaferri, G., Tanvir, N., Vergani, S.D., Watson, D.J. & Xu, D. 2014, *VLT/X-shooter spectroscopy of the GRB 120327A afterglow*, A&A, 564, A38
- Spiro, S., Pastorello, A., Pumo, M.L., Zampieri, L., Turatto, M., Smartt, S.J., Benetti, S., Cappellaro, E., Valenti, S., Agnoletto, I., Altavilla, G., Aoki, T., Brocato, E., Corsini, E.M., Di Cianno, A., Elias-Rosa, N., Hamuy, M., Enya, K., Fiaschi, M., Folatelli, G., Desidera, S., Harutyunyan, A., Howell, D.A., Kawka, A., Kobayashi, Y., *Leibundgut, B.*, Minezaki, T., Navasardyan, H., Nomoto, K., Mattila, S., Pietrinferni, A., Pignata, G., Raimondo, G., Salvo, M., Schmidt, B.P., Sollerman, J., Spyromilio, J., Taubenberger, S., Valentini, G., Vennes, S. & Yoshii, Y. 2014, *Low luminosity Type II supernovae - II. Pointing towards moderate mass precursors*, MNRAS, 439, 2873
- Marion, G.H., Vinko, J., Kirshner, R.P., Foley, R.J., Berlind, P., Bieryla, A., Bloom, J.S., Calkins, M.L., Challis, P., Chevalier, R.A., Chornock, R., Culliton, C., Curtis, J.L., Esquerdo, G.A., Everett, M.E., Falco, E.E., France, K., Fransson, C., Friedman, A.S., Garnavich, P., *Leibundgut, B.*, Meyer, S., Smith, N., Soderberg, A.M., Sollerman, J., Starr, D.L., Szklenar, T., Takats, K. & Wheeler, J.C. 2014, *Type IIb Supernova SN 2011dh: Spectra and Photometry from the Ultraviolet to the Near-infrared*, ApJ, 781, 69
- Rodney, S.A., Riess, A.G., Strolger, L.-G., Dahlen, T., Graur, O., Casertano, S., Dickinson, M.E., Ferguson, H.C., Garnavich, P., Hayden, B., Jha, S.W., Jones, D.O., Kirshner, R.P., Koekemoer, A.M., McCully, C., Mobasher, B., Patel, B., Weiner, B.J., Cenko, S.B., Clubb, K.I., Cooper, M., Filippenko, A.V., Frederiksen, T.F., Hjorth, J., *Leibundgut, B.*, Matheson, T., Nayyeri, H., Penner, K., Trump, J., Silverman, J.M., U, V., Azalee Bostroem, K., Challis, P., Rajan, A., Wolff, S., Faber, S.M., Grogin, N.A., Kocevski, D. 2014, *Type Ia Supernova Rate Measurements to Redshift 2.5 from CANDELS: Searching for Prompt Explosions in the Early Universe*, AJ, 148, 13
- Graur, O., Rodney, S.A., Maoz, D., Riess, A.G., Jha, S.W., Postman, M., Dahlen, T., Holoien, T.W.-S., McCully, C., Patel, B., Strolger, L.-G., Benítez, N., Coe, D., Jouvel, S., Medezinski, E., Molino, A., Nonino, M., Bradley, L., Koekemoer, A., Balestra, I., Cenko, S.B., Clubb, K.I., Dickinson, M.E., Filippenko, A.V., Frederiksen, T.F., Garnavich, P., Hjorth, J., Jones, D.O., *Leibundgut, B.*, Matheson, T., Mobasher, B., Rosati, P., Silverman, J.M., U, V., Jedruszczuk, K., Li, C., Lin, K., Mirmelstein, M., Neustadt, J., Ovadia, A., Rogers, E.H., 2014, *Type-Ia Supernova Rates to Redshift 2.4 from CLASH: The Cluster Lensing And Supernova Survey with Hubble*, ApJ, 783, 28
- Baldry, I.K., Alpaslan, M., Bauer, A.E., Bland-Hawthorn, J., Brough, S., Cluver, M.E., Croom, S.M., Davies, L.J.M., Driver, S.P., Gunawardhana, M.L.P., Holwerda, B.W., Hopkins, A.M., Kelvin, L.S., *Liske, J.*, López-Sánchez, Á.R., Loveday, J., Norberg, P., Peacock, J., Robotham, A.S.G. & Taylor, E.N. 2014, *Galaxy And Mass Assembly (GAMA): AUTOZ spectral redshift measurements, confidence and errors*, MNRAS, 441, 2440
- Robotham, A.S.G., Driver, S.P., Davies, L.J.M., Hopkins, A.M., Baldry, I.K., Agius, N.K., Bauer, A.E., Bland-Hawthorn, J., Brough, S., Brown, M.J.I., Cluver, M., De Propriis, R., Drinkwater, M.J., Holwerda, B.W., Kelvin, L.S., Lara-Lopez, M.A., *Liske, J.*, López-Sánchez, Á.R., Loveday, J., Mahajan, S., McNaught-Roberts, T., Moffett, A., Norberg, P., Obreschkow, D., Owers, M.S., Penny, S.J., Pimbblet, K., Prescott, M., Taylor, E.N., van Kampen, E. & Wilkins, S.M. 2014, *Galaxy And Mass Assembly (GAMA): galaxy close pairs, mergers and the future fate of stellar mass*, MNRAS, 444, 3986

- Kelvin, L.S., Driver, S.P., Robotham, A.S.G., Taylor, E.N., Graham, A.W., Alpaslan, M., Baldry, I., Bamford, S.P., Bauer, A.E., Bland-Hawthorn, J., Brown, M.J.I., Colless, M., Conselice, C.J., Holwerda, B.W., Hopkins, A.M., Lara-López, M.A., Liske, J., López-Sánchez, Á.R., Loveday, J., Norberg, P., Phillipps, S., Popescu, C.C., Prescott, M., Sansom, A.E. & Tuffs, R.J. 2014, *Galaxy And Mass Assembly (GAMA): stellar mass functions by Hubble type*, MNRAS, 444, 1647
- Vulcani, B., Bamford, S.P., Häußler, B., Vika, M., Rojas, A., Agius, N.K., Baldry, I., Bauer, A.E., Brown, M.J.I., Driver, S., Graham, A.W., Kelvin, L.S., Liske, J., Loveday, J., Popescu, C.C., Robotham, A.S.G. & Tuffs, R.J. 2014, *Galaxy And Mass Assembly (GAMA): the wavelength-dependent sizes and profiles of galaxies revealed by MegaMorph*, MNRAS, 441, 1340
- Kelvin, L.S., Driver, S.P., Robotham, A.S.G., Graham, A.W., Phillipps, S., Agius, N.K., Alpaslan, M., Baldry, I., Bamford, S.P., Bland-Hawthorn, J., Brough, S., Brown, M.J.I., Colless, M., Conselice, C.J., Hopkins, A.M., Liske, J., Loveday, J., Norberg, P., Pimblet, K.A., Popescu, C.C., Prescott, M., Taylor, E.N. & Tuffs, R.J. 2014, *Galaxy And Mass Assembly (GAMA): ugrizYJHK Sérsic luminosity functions and the cosmic spectral energy distribution by Hubble type*, MNRAS, 439, 1245
- Cluver, M.E., Jarrett, T.H., Hopkins, A.M., Driver, S.P., Liske, J., Gunawardhana, M.L.P., Taylor, E.N., Robotham, A.S.G., Alpaslan, M., Baldry, I., Brown, M.J.I., Peacock, J.A., Popescu, C.C., Tuffs, R.J., Bauer, A.E., Bland-Hawthorn, J., Colless, M., Holwerda, B.W., Lara-López, M.A., Leschinski, K., López-Sánchez, A.R., Norberg, P., Owers, M.S., Wang, L. & Wilkins, S.M. 2014, *Galaxy and Mass Assembly (GAMA): Mid-infrared Properties and Empirical Relations from WISE*, ApJ, 782, 90
- Lindsay, S.N., Jarvis, M.J., Santos, M.G., Brown, M.J.I., Croom, S.M., Driver, S.P., Hopkins, A.M., Liske, J., Loveday, J., Norberg, P. & Robotham, A.S.G. 2014, *Galaxy and Mass Assembly: the evolution of bias in the radio source population to $z \sim 1.5$* , MNRAS, 440, 1527
- González-Nuevo, J., Lapi, A., Negrello, M., Danese, L., De Zotti, G., Amber, S., Baes, M., Bland-Hawthorn, J., Bourne, N., Brough, S., Bussmann, R.S., Cai, Z.-Y., Cooray, A., Driver, S.P., Dunne, L., Dye, S., Eales, S., Ibar, E., Ivison, R., Liske, J., Loveday, J., Maddox, S., Michałowski, M.J., Robotham, A.S.G., Scott, D., Smith, M.W.L., Valiante, E., Xia, J.-Q., 2014, *Herschel-ATLAS/GAMA: SDSS cross-correlation induced by weak lensing*, MNRAS, 442, 2680
- Santos, N.C., Mortier, A., Faria, J.P., Dumusque, X., Adibekyan, V.Z., Delgado-Mena, E., Figueira, P., Benamati, L., Boisse, I., Cunha, D., Gomes da Silva, J., Lo Curto, G., Lovis, C., Martins, J.H.C., Mayor, M., Melo, C., Oshagh, M., Pepe, F., Queloz, D., Santerne, A., Ségransan, D., Sozzetti, A., Sousa, S.G. & Udry, S. 2014, *The HARPS search for southern extra-solar planets. XXXV. The interesting case of HD 41248: stellar activity, no planets?*, A&A, 566, A35
- Masciadri, E., Lombardi, G. & Lascaux, F. 2014, *On the comparison between MASS and generalized-SCIDAR techniques*, MNRAS, 438, 983
- Rathborne, J.M., Longmore, S.N., Jackson, J.M., Foster, J.B., Contreras, Y., Garay, G., Testi, L., Alves, J.F., Bally, J., Bastian, N., Kruijssen, J.M.D. & Bressert, E. 2014, *G0.253+0.016: A Centrally Condensed, High-mass Protocluster*, ApJ, 786, 140
- Kruijssen, J.M.D., Longmore, S.N., Elmegreen, B.G., Murray, N., Bally, J., Testi, L. & Kennicutt, R.C. 2014, *What controls star formation in the central 500 pc of the Galaxy?*, MNRAS, 440, 3370
- Santangelo, G., Antonucci, S., Nisini, B., Codella, C., Bjerkeli, P., Giannini, T., Lorenzani, A., Lundin, L.K., Cabrit, S., Calzoletti, L., Liseau, R., Neufeld, D., Tafalla, M. & van Dishoeck, E.F. 2014, *First spectrally-resolved H₂ observations towards HH 54 . Low H₂O abundance in shocks*, A&A, 569, L8
- Khouri, T., de Koter, A., Decin, L., Waters, L.B.F.M., Lombaert, R., Royer, P., Swinyard, B., Barlow, M.J., Alcolea, J., Blommaert, J.A.D.L., Bujarrabal, V., Cernicharo, J., Groenewegen, M.A.T., Justtanont, K., Kerschbaum, F., Maercker, M., Marston, A., Matsuura, M., Melnick, G., Menten, K.M., Olofsson, H., Planesas, P., Polehampton, E., Posch, T., Schmidt, M., Szczerba, R., Vandenbussche, B. & Yates, J. 2014, *The wind of W Hydrae as seen by Herschel. I. The CO envelope*, A&A, 561, A5
- Scalzo, R.A., Childress, M., Tucker, B., Yuan, F., Schmidt, B., Brown, P.J., Contreras, C., Morrell, N., Hsiao, E., Burns, C., Phillips, M.M., Campillay, A., Gonzalez, C., Krisciunas, K., Stritzinger, M., Graham, M.L., Parrent, J., Valenti, S., Lidman, C., Schaefer, B., Scott, N., Fraser, M., Gal-Yam, A., Insera, C., Maguire, K., Smartt, S.J., Sollerman, J., Sullivan, M., Taddia, F., Yaron, O., Young, D.R., Taubenberger, S., Baltay, C., Ellman, N., Feindt, U., Hadjijska, E., McKinnon, R., Nugent, P.E., Rabinowitz, D. & Walker, E.S. 2014, *Early ultraviolet emission in the Type Ia supernova LSQ12gdj: No evidence for ongoing shock interaction*, MNRAS, 445, 30
- Maguire, K., Sullivan, M., Pan, Y.-C., Gal-Yam, A., Hook, I.M., Howell, D.A., Nugent, P.E., Mazzali, P., Chotard, N., Clubb, K.I., Filippenko, A.V., Kasliwal, M.M., Kandrashoff, M.T., Poznanski, D., Saunders, C.M., Silverman, J.M., Walker, E., Xu, D. 2014, *Exploring the spectral diversity of low-redshift Type Ia supernovae using the Palomar Transient Factory*, MNRAS, 444, 3258
- Astier, P., Balland, C., Brescia, M., Cappellaro, E., Carlberg, R.G., Cavuoti, S., Della Valle, M., Gangler, E., Goobar, A., Guy, J., Hardin, D., Hook, I.M., Kessler, R., Kim, A., Linder, E., Longo, G., Maguire, K., Mannucci, F., Mattila, S., Nichol, R., Pain, R., Regnault, N., Spiro, S., Sullivan, M., Tao, C., Turatto, M., Wang, X.F. & Wood-Vasey, W.M. 2014, *Extending the supernova Hubble diagram to $z \sim 1.5$ with the Euclid space mission*, A&A, 572, A80
- Ashall, C., Mazzali, P., Bersier, D., Hachinger, S., Phillips, M., Percival, S., James, P. & Maguire, K. 2014, *Photometric and spectroscopic observations, and abundance tomography modelling of the Type Ia supernova SN 2014J located in M82*, MNRAS, 445, 4424
- Ashall, C., Mazzali, P., Bersier, D., Hachinger, S., Phillips, M., Percival, S., James, P. & Maguire, K. 2014, *Photometric and spectroscopic observations, and abundance tomography modelling of the Type Ia supernova SN 2014J located in M82*, MNRAS, 445, 4427
- Bordoloi, R., Lilly, S.J., Hardmeier, E., Contini, T., Kneib, J.-P., Le Fevre, O., Mainieri, V., Renzini, A., Scodreggio, M., Zamorani, G., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Carollo, C.M., Cucciati, O., de la Torre, S., de Ravel, L., Garilli, B., Iovino, A., Kampanczyk, P., Kovač, K., Knobel, C., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Oesch, P., Pello, R., Peng, Y., Perez Montero, E., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Cappi, A., Cimatti, A., Coppa, G., Franzetti, P., Koekemoer, A., Moresco, M., Nair, P., Pozzetti, L., 2014, *The Dependence of Galactic Outflows on the Properties and Orientation of zCOSMOS Galaxies at $z \sim 1$* , ApJ, 794, 130
- Förster Schreiber, N.M., Genzel, R., Newman, S.F., Kurk, J.D., Lutz, D., Tacconi, L.J., Wuyts, S., Bandara, K., Burkert, A., Buschkamp, P., Carollo, C.M., Cresci, G., Daddi, E., Davies, R., Eisenhauer, F., Hicks, E.K.S., Lang, P., Lilly, S.J., Mainieri, V., Mancini, C., Naab, T., Peng, Y., Renzini, A., Rosario, D., Shapiro Griffin, K., Shapley, A.E., Sternberg, A., Tacchella, S., Vergani, D., Wisnioski, E., Wuyts, E. & Zamorani, G. 2014, *The Sins/zC-Sinf Survey of $z \sim 2$ Galaxy Kinematics: Evidence for Powerful Active Galactic Nucleus-Driven Nuclear Outflows in Massive Star-Forming Galaxies*, ApJ, 787, 38
- Merloni, A., Bongiorno, A., Brusa, M., Iwasawa, K., Mainieri, V., Magnelli, B., Salvato, M., Berta, S., Cappelluti, N., Comastri, A., Fiore, F., Gilli, R., Koekemoer, A., Le Floch, E., Lusso, E., Lutz, D., Miyaji, T., Pozzi, F., Riguccini, L., Rosario, D.J., Silverman, J., Symeonidis, M., Treister, E., Vignali, C. & Zamorani, G. 2014, *The*

- incidence of obscuration in active galactic nuclei, MNRAS, 437, 3550
- Vignali, C., Mignoli, M., Gilli, R., Comastri, A., Iwasawa, K., Zamorani, G., Mainieri, V. & Bongiorno, A. 2014, *The space density of Compton-thick AGN at $z \approx 0.8$ in the zCOSMOS-Bright Survey*, A&A, 571, A34
- Tasca, L.A.M., Tresse, L., Le Fèvre, O., Ilbert, O., Lilly, S.J., Zamorani, G., López-Sanjuan, C., Ho, L.C., Bardelli, S., Cattaneo, A., Cucciati, O., Farrah, D., Iovino, A., Koekemoer, A.M., Liu, C.T., Massey, R., Renzini, A., Taniguchi, Y., Welikala, N., Zucca, E., Carollo, C.M., Contini, T., Kneib, J.-P., Mainieri, V., Scodreggio, M., Bolzonella, M., Bongiorno, A., Caputi, K., de la Torre, S., Franzetti, P., Garilli, B., Guzzo, L., Kampczyk, P., Knobel, C., Kovač, K., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Pello, R., Peng, Y., Perez Montero, E., Rich, R.M., Tanaka, M., Vergani, D., Bordoloi, R., Cappi, A., Cimatti, A., Coppa, G., McCracken, H.J., Moresco, M., Pozzetti, L., Sanders, D., Sheth, K., 2014, *The zCOSMOS redshift survey: evolution of the light in bulges and discs since $z \sim 0.8$* , A&A, 564, L12
- Kovač, K., Lilly, S.J., Knobel, C., Bschorr, T.J., Peng, Y., Carollo, C.M., Contini, T., Kneib, J.-P., Le Fèvre, O., Mainieri, V., Renzini, A., Scodreggio, M., Zamorani, G., Bardelli, S., Bolzonella, M., Bongiorno, A., Caputi, K., Cucciati, O., de la Torre, S., de Ravel, L., Franzetti, P., Garilli, B., Iovino, A., Kampczyk, P., Lamareille, F., Le Borgne, J.-F., Le Brun, V., Maier, C., Mignoli, M., Oesch, P., Pello, R., Montero, E.P., Presotto, V., Silverman, J., Tanaka, M., Tasca, L., Tresse, L., Vergani, D., Zucca, E., Aussel, H., Koekemoer, A.M., Le Floc'h, E., Moresco, M., Pozzetti, L., 2014, *zCOSMOS 20k: satellite galaxies are the main drivers of environmental effects in the galaxy population at least to $z \sim 0.7$* , MNRAS, 438, 717
- Banzatti, A., Meyer, M.R., Manara, C.F., Pontoppidan, K.M. & Testi, L. 2014, *A UV-to-MIR Monitoring of DR Tau: Exploring How Water Vapor in the Planet Formation Region is Affected by Stellar Accretion Variability*, ApJ, 780, 26
- Manara, C.F., Testi, L., Natta, A., Rosotti, G., Benisty, M., Ercolano, B. & Ricci, L. 2014, *Gas content of transitional disks: a VLT/X-Shooter study of accretion and winds*, A&A, 568, A18
- Da Rio, N., Jeffries, R.D., Manara, C.F. & Robberto, M. 2014, *Strong biases in estimating the time dependence of mass accretion rates in young stars*, MNRAS, 439, 3308
- Ercolano, B., Mayr, D., Owen, J.E., Rosotti, G. & Manara, C.F. 2014, *The dot[M]-M_{*} relation of pre-main-sequence stars: a consequence of X-ray driven disc evolution*, MNRAS, 439, 256
- Manara, C.F. & Testi, L. 2014, *The imprint of accretion on the UV spectrum of young stellar objects: an X-Shooter view*, Ap&SS, 354, 35
- Alcalá, J.M., Natta, A., Manara, C.F., Spezzi, L., Stelzer, B., Frasca, A., Biazzo, K., Covino, E., Randich, S., Rigliaco, E., Testi, L., Comerón, F., Cupani, G. & D'Elia, V. 2014, *X-shooter spectroscopy of young stellar objects. IV. Accretion in low-mass stars and substellar objects in Lupus*, A&A, 561, A2
- Kravtsov, V., Alcaíno, G., Marconi, G. & Alvarado, F. 2014, *Galactic Globular Cluster NGC 6752 and Its Stellar Population as Inferred from Multicolor Photometry*, ApJ, 783, 56
- Marsset, M., Vernazza, P., Gourgéot, F., Dumas, C., Birlan, M., Lamy, P. & Binzel, R.P. 2014, *Similar origin for low- and high-albedo Jovian Trojans and Hilda asteroids?*, A&A, 568, L7
- Maury, A.J., Belloche, A., André, P., Maret, S., Gueth, F., Codella, C., Cabrit, S., Testi, L. & Bontemps, S. 2014, *First results from the CALYPSO IRAM-PdBI survey. II. Resolving the hot corino in the Class 0 protostar NGC 1333-IRAS2A*, A&A, 563, L2
- Codella, C., Maury, A.J., Gueth, F., Maret, S., Belloche, A., Cabrit, S. & André, P. 2014, *First results from the CALYPSO IRAM-PdBI survey. III. Monopolar jets driven by a proto-binary system in NGC 1333-IRAS2A*, A&A, 563, L3
- Carlotti, A., Pueyo, L. & Mawet, D. 2014, *Apodized phase mask coronagraphs for arbitrary apertures. II. Comprehensive review of solutions for the vortex coronagraph*, A&A, 566, A31
- Mawet, D., Milli, J., Wahhaj, Z., Pelat, D., Absil, O., Delacroix, C., Boccaletti, A., Kasper, M., Kenworthy, M., Marois, C., Mennesson, B. & Pueyo, L. 2014, *Fundamental Limitations of High Contrast Imaging Set by Small Sample Statistics*, ApJ, 792, 97
- Britavskiy, N.E., Bonanos, A.Z., Mehner, A., García-Álvarez, D., Prieto, J.L. & Morrell, N.I. 2014, *Identification of red supergiants in nearby galaxies with mid-IR photometry*, A&A, 562, A75
- Mehner, A., Ishibashi, K., Whitelock, P., Nagayama, T., Feast, M., van Wyk, F. & de Wit, W.-J., 2014, *Near-infrared evidence for a sudden temperature increase in Eta Carinae*, A&A, 564, A14
- Steffen, W., Teodoro, M., Madura, T.I., Groh, J.H., Gull, T.R., Mehner, A., Corcoran, M.F., Damineli, A. & Hamaguchi, K. 2014, *The three-dimensional structure of the Eta Carinae Homunculus*, MNRAS, 442, 3316
- De Propriis, R. & Melnick, J. 2014, *A panchromatic survey of post-starburst mergers: searching for feedback*, MNRAS, 439, 2837
- Melnick, J. & De Propriis, R. 2014, *AGB populations in post-starburst galaxies*, A&A, 572, A5
- Chávez, R., Terlevich, R., Terlevich, E., Bresolin, F., Melnick, J., Plionis, M. & Basilakos, S. 2014, *The L- σ relation for massive bursts of star formation*, MNRAS, 442, 3565
- Messina, S., Monard, B., Biazzo, K., Melo, C.H.F. & Frasca, A. 2014, *Evidence from stellar rotation of enhanced disc dispersal. I. The case of the triple visual system BD-21 1074 in the β Pictoris association*, A&A, 570, A19
- Jones, M.I., Jenkins, J.S., Bluhm, P., Rojo, P. & Melo, C.H.F. 2014, *The properties of planets around giant stars*, A&A, 566, A113
- Mendez, R.A., Silva, J.F., Orostica, R. & Lobos, R. 2014, *Analysis of the Cramér-Rao Bound in the Joint Estimation of Astrometry and Photometry*, PASP, 126, 798
- Gallenne, A., Mérand, A., Kervella, P., Breifelder, J., Le Bouquin, J.-B., Monnier, J.D., Gieren, W., Pilecki, B., Pietrzyński, G., 2014, *Multiplicity of Galactic Cepheids from long-baseline interferometry. II. The Companion of AX Circini revealed with VLTI/PIONIER*, A&A, 561, L3
- Gallenne, A., Kervella, P., Mérand, A., Evans, N.R., Girard, J.H.V., Gieren, W. & Pietrzyński, G. 2014, *Searching for visual companions of close Cepheids. VLTI/NACO lucky imaging of Y Oph, FF Aql, X Sgr, W Sgr, and η Aql*, A&A, 567, A60
- Choquet, É., Kervella, P., Le Bouquin, J.-B., Mérand, A., Berger, J.-P., Haubois, X., Perrin, G., Petrucci, P.-O., Lazareff, B., Pott, J.-U., 2014, *The close environment of high-mass X-ray binaries at high angular resolution. I. VLTI/AMBER and VLTI/PIONIER near-infrared interferometric observations of Vela X-1*, A&A, 561, A46
- Domiciano de Souza, A., Kervella, P., Moser Faes, D., Dalla Vedova, G., Mérand, A., Le Bouquin, J.-B., Espinosa Lara, F., Rieutord, M., Bendjoya, P., Carciofi, A.C., Hadjara, M., Millour, F., Vakili, F., 2014, *The environment of the fast rotating star Achernar. III. Photospheric parameters revealed by the VLTI*, A&A, 569, A10
- Seth, A.C., van den Bosch, R., Mieske, S., Baumgardt, H., Brok, M.D., Strader, J., Neumayer, N., Chilingarian, I., Hilker, M., McDermid, R., Spitler, L., Brodie, J., Frank, M.J. & Walsh, J.L. 2014, *A supermassive black hole in an ultra-compact dwarf galaxy*, Natur, 513, 398
- Mieske, S., Küpper, A.H.W. & Brockamp, M. 2014, *How tidal erosion has shaped the relation between globular cluster specific frequency and galaxy luminosity*, A&A, 565, L6
- Faramaz, V., Beust, H., Thébault, P., Augereau, J.-C., Bonsor, A., del Burgo, C., Ertel, S., Marshall, J.P., Milli, J., Montesinos, B., Mora, A., Bryden, G., Danchi, W., Eiroa, C., White, G.J., Wolf, S., 2014, *Can eccentric debris disks be long-lived?. A first numerical investigation and application to ζ Reticuli*, A&A, 563, A72

- Milli, J., Lagrange, A.-M., Mawet, D., Absil, O., Augereau, J.-C., Mouillet, D., Boccaletti, A., Girard, J.H., Chauvin, G., 2014, *Very deep images of the innermost regions of the β Pictoris debris disc at L'*, A&A, 566, A91
- Miotello, A., Testi, L., Lodato, G., Ricci, L., Rosotti, G., Brooks, K., Maury, A. & Natta, A. 2014, *Grain growth in the envelopes and disks of Class I protostars*, A&A, 567, A32
- Noll, S., Kausch, W., Kimeswenger, S., Barden, M., Jones, A.M., Modigliani, A., Szyszka, C. & Taylor, J. 2014, *Skycorr: A general tool for spectroscopic sky subtraction*, A&A, 567, A25
- Sacco, G.G., Morbidelli, L., Franciosini, E., Maiorca, E., Randich, S., Modigliani, A., Gilmore, G., Asplund, M., Binney, J., Bonifacio, P., Drew, J., Feltzing, S., Ferguson, A., Jeffries, R., Micela, G., Negueruela, I., Prusti, T., Rix, H.-W., Vallenari, A., Alfaro, E., Allende Prieto, C., Babusiaux, C., Bensby, T., Blomme, R., Bragaglia, A., Flaccomio, E., Francois, P., Hambly, N., Irwin, M., Kopusov, S., Korn, A., Lanzafame, A., Pancino, E., Recio-Blanco, A., Smiljanic, R., Van Eck, S., Walton, N., Bergemann, M., Costado, M.T., de Laverny, P., Heiter, U., Hill, V., Hourihane, A., Jackson, R., Jofre, P., Lewis, J., Lind, K., Lardo, C., Magrini, L., Masseron, T., Prisinzano, L., Worley, C., 2014, *The Gaia-ESO Survey: processing FLAMES-UVES spectra*, A&A, 565, A113
- Moehler, S., Modigliani, A., Freudling, W., Giammichele, N., Gianninas, A., Gonneau, A., Kausch, W., Lançon, A., Noll, S., Rauch, T. & Vinther, J. 2014, *Flux calibration of medium-resolution spectra from 300 nm to 2500 nm: Model reference spectra and telluric correction*, A&A, 568, A9
- Moehler, S., Dreizler, S., LeBlanc, F., Khalack, V., Michaud, G., Richer, J., Sweigart, A.V. & Grundahl, F. 2014, *Hot horizontal branch stars in NGC 288 - effects of diffusion and stratification on their atmospheric parameters*, A&A, 565, A100
- Rauch, T., Rudkowski, A., Kampha, D., Werner, K., Kruk, J.W. & Moehler, S. 2014, *The virtual observatory service TheoSSA: Establishing a database of synthetic stellar flux standards. II. NLTE spectral analysis of the OB-type subdwarf Feige 110*, A&A, 566, A3
- Melandri, A., Pian, E., D'Elia, V., D'Avanzo, P., Della Valle, M., Mazzali, P.A., Tagliaferri, G., Cano, Z., Levan, A.J., Moller, P., Amati, L., Bernardini, M.G., Bersier, D., Bufano, F., Campana, S., Castro-Tirado, A.J., Covino, S., Ghirlanda, G., Hurley, K., Malesani, D., Masetti, N., Palazzi, E., Piranomonte, S., Rossi, A., Salvaterra, R., Starling, R.L.C., Tanaka, M., Tanvir, N.R. & Vergani, S.D. 2014, *Diversity of gamma-ray burst energetics vs. supernova homogeneity: SN 2013cq associated with GRB 130427A*, A&A, 567, A29
- Christensen, L., Moller, P., Fynbo, J.P.U. & Zafar, T. 2014, *Verifying the mass-metallicity relation in damped Lyman α selected galaxies at $0.1 < z < 3.2$* , MNRAS, 445, 225
- D'Orazi, V., Angelou, G.C., Gratton, R.G., Lattanzio, J.C., Bragaglia, A., Carretta, E., Lucatello, S. & Momany, Y. 2014, *Lithium Abundances in Globular Cluster Giants: NGC 6218 (M12) and NGC 5904 (M5)*, ApJ, 791, 39
- Momany, Y., Clemens, M., Bedin, L.R., Gullieuszik, M., Held, E.V., Saviane, I., Zaggia, S., Monaco, L., Montalto, M., Rich, R.M. & Rizzi, L. 2014, *The H i hole and AGB stellar population of the Sagittarius dwarf irregular galaxy. HST proper-motion decontamination*, A&A, 572, A42
- Gratton, R.G., Lucatello, S., Sollima, A., Carretta, E., Bragaglia, A., Momany, Y., D'Orazi, V., Cassisi, S. & Salaris, M. 2014, *The Na-O anticorrelation in horizontal branch stars. IV. M 22*, A&A, 563, A13
- Carretta, E., Bragaglia, A., Gratton, R.G., D'Orazi, V., Lucatello, S., Momany, Y., Sollima, A., Bellazzini, M., Catanzaro, G. & Leone, F. 2014, *The extreme chemistry of multiple stellar populations in the metal-poor globular cluster NGC 4833*, A&A, 564, A60
- Monaco, L., Boffin, H.M.J., Bonifacio, P., Villanova, S., Carraro, G., Caffau, E., Steffen, M., Ahumada, J.A., Beletsky, Y. & Beccari, G. 2014, *A super lithium-rich red-clump star in the open cluster Trumpler 5*, A&A, 564, L6
- Çalışkan, Ş., Caffau, E., Bonifacio, P., Christlieb, N., Monaco, L., Beers, T.C., Albayrak, B. & Sbordone, L. 2014, *Chemical abundances of the metal-poor horizontal-branch stars CS 22186-005 and CS 30344-033*, A&A, 571, A62
- Caffau, E., Monaco, L., Spite, M., Bonifacio, P., Carraro, G., Ludwig, H.-G., Villanova, S., Beletsky, Y., Sbordone, L., 2014, *Clues on the Galactic evolution of sulphur from star clusters*, A&A, 568, A29
- Caffau, E., Steffen, M., Bonifacio, P., Ludwig, H.-G., Monaco, L., Lo Curto, G., Kamp, I., 2014, *Isotope spectroscopy*, AN, 335, 59
- Mucciarelli, A., Lovisi, L., Ferraro, F.R., Dalessandro, E., Lanzoni, B. & Monaco, L. 2014, *Spinning Like a Blue Straggler: The Population of Fast Rotating Blue Straggler Stars in ω Centauri*, ApJ, 797, 43
- Mucciarelli, A., Salaris, M., Bonifacio, P., Monaco, L. & Villanova, S. 2014, *The cosmological lithium problem outside the Galaxy: the Sagittarius globular cluster M54*, MNRAS, 444, 1812
- Bruni, G., González-Serrano, J.I., Pedani, M., Benn, C.R., Mack, K.-H., Holt, J., Montenegro-Montes, F.M., Jiménez-Luján, F., 2014, *Investigating the radio-loud phase of broad absorption line quasars*, A&A, 569, A87
- Fang, M., Sicilia-Aguilar, A., Roccatagliata, V., Fedele, D., Henning, T., Eiroa, C. & Müller, A. 2014, *GW Orionis: Inner disk readjustments in a triple system*, A&A, 570, A118
- Müller, A., Pott, J.-U., Mérand, A., Abuter, R., Delplancke-Ströbele, F., Henning, T., Köhler, R., Leinert, C., Morel, S., Phan Duc, T., Pozna, E., Ramirez, A., Sahlmann, J. & Schmid, C. 2014, *Mid-infrared interferometry with K band fringe-tracking. I. The VLTI MIDI+FSU experiment*, A&A, 567, A98
- Kóspál, Á., Mohler-Fischer, M., Sicilia-Aguilar, A., Abraham, P., Curé, M., Henning, T., Kiss, C., Launhardt, R., Moór, A. & Müller, A. 2014, *Radial velocity variations in the young eruptive star EX Lupi*, A&A, 561, A61
- Laine, J., Laurikainen, E., Salo, H., Comerón, S., Buta, R.J., Zaritsky, D., Athanassoula, E., Bosma, A., Muñoz-Mateos, J.-C., Gadotti, D.A., Hinz, J.L., Erroz-Ferrer, S., Gil de Paz, A., Kim, T., Menéndez-Delmestre, K., Mizusawa, T., Regan, M.W., Seibert, M., Sheth, K., 2014, *Morphology and environment of galaxies with disc breaks in the S4G and NIRS05*, MNRAS, 441, 1992
- Meidt, S.E., Schinnerer, E., van de Ven, G., Zaritsky, D., Peletier, R., Knapen, J.H., Sheth, K., Regan, M., Querejeta, M., Muñoz-Mateos, J.-C., Kim, T., Hinz, J.L., Gil de Paz, A., Athanassoula, E., Bosma, A., Buta, R.J., Cisternas, M., Ho, L.C., Holwerda, B., Skibba, R., Laurikainen, E., Salo, H., Gadotti, D.A., Laine, J., Erroz-Ferrer, S., Comerón, S., Menéndez-Delmestre, K., Seibert, M., Mizusawa, T., 2014, *Reconstructing the Stellar Mass Distributions of Galaxies Using S4G IRAC 3.6 and 4.5 μ m Images. II. The Conversion from Light to Mass*, ApJ, 788, 144
- Laine, S., Knapen, J.H., Muñoz-Mateos, J.-C., Kim, T., Comerón, S., Martig, M., Holwerda, B.W., Athanassoula, E., Bosma, A., Johansson, P.H., Erroz-Ferrer, S., Gadotti, D.A., de Paz, A.G., Hinz, J., Laine, J., Laurikainen, E., Menéndez-Delmestre, K., Mizusawa, T., Regan, M.W., Salo, H., Sheth, K., Seibert, M., Buta, R.J., Cisternas, M., Elmegreen, B.G., Elmegreen, D.M., Ho, L.C., Madore, B.F., Zaritsky, D. 2014, *Spitzer/Infrared Array Camera near-infrared features in the outer parts of S4G galaxies*, MNRAS, 444, 3015
- Jalali, B., Pelupessy, F.I., Eckart, A., Portegies Zwart, S., Sabha, N., Borkar, A., Moutaka, J., Mužić, K. & Moser, L. 2014, *Star formation in the vicinity of nuclear black holes: young stellar objects close to Sgr A**, MNRAS, 444, 1205
- Mužić, K., Scholz, A., Geers, V.C., Jayawardhana, R. & López Martí, B. 2014, *Substellar Objects in Nearby Young Clusters (SONYC). VIII. Substellar Population in Lupus 3*, ApJ, 785, 159
- Noethe, L., Schipani, P., Holzlohner, R. & Rakich, A. 2014, *A method for the use of ellipticities and spot diameters for the measurement of aberrations in wide-field telescopes*, AdOT, 3, 315

- García, P., Bronfman, L., Nyman, L.-Å., Dame, T.M., Luna, A. 2014, *Giant Molecular Clouds and Massive Star Formation in the Southern Milky Way*, ApJS, 212, 2
- Guzmán, A.E., Garay, G., Rodríguez, L.F., Moran, J., Brooks, K.J., Bronfman, L., Nyman, L.-Å., Sanhueza, P., Mardones, D., 2014, *The Slow Ionized Wind and Rotating Disklike System that are Associated with the High-mass Young Stellar Object G345.4938+01.4677*, ApJ, 796, 117
- Oteo, I. 2014, *Dust correction factors over $0 < z < 3$ in massive star-forming galaxies derived from a stacking analysis of Herschel data*, A&A, 572, L4
- Padovani, P. & Resconi, E. 2014, *Are both BL Lacs and pulsar wind nebulae the astrophysical counterparts of IceCube neutrino events?*, MNRAS, 443, 474
- Panić, O., Ratzka, T., Mulders, G.D., Dominik, C., van Boekel, R., Henning, T., Jaffe, W. & Min, M. 2014, *Resolving HD 100546 disc in the mid-infrared: Small inner disc and asymmetry near the gap*, A&A, 562, A101
- Henkel, C., Asiri, H., Ao, Y., Aalto, S., Danielson, A.L.R., Papadopoulos, P.P., García-Burillo, S., Aladro, R., Impellizzeri, C.M.V., Mauersberger, R., Martín, S. & Harada, N. 2014, *Carbon and oxygen isotope ratios in starburst galaxies: New data from NGC 253 and Mrk 231 and their implications*, A&A, 565, A3
- Papadopoulos, P.P., Zhang, Z.-Y., Xilouris, E.M., Weiss, A., van der Werf, P., Israel, F.P., Greve, T.R., Isaak, K.G. & Gao, Y. 2014, *Molecular Gas Heating Mechanisms, and Star Formation Feedback in Merger/Starbursts: NGC 6240 and Arp 193 as Case Studies*, ApJ, 788, 153
- Pasquini, L., Koch, A., Smiljanic, R., Bonifacio, P. & Modigliani, A. 2014, *The Be-test in the Li-rich star #1657 of NGC 6397: evidence for Li-flash in RGB stars?*, A&A, 563, A3
- Brucalassi, A., Pasquini, L., Saglia, R., Ruiz, M.T., Bonifacio, P., Bedin, L.R., Biazzo, K., Melo, C., Lovis, C. & Randich, S. 2014, *Three planetary companions around M 67 stars*, A&A, 561, L9
- Pasquini, L. 2014, *UV opportunities at ESO*, Ap&SS, 354, 121
- Cox, N.L.J. & Patat, F. 2014, *Dense molecular clouds in the SN 2008fp host galaxy*, A&A, 565, A61
- Sternberg, A., Gal-Yam, A., Simon, J.D., Patat, F., Hillebrandt, W., Phillips, M.M., Foley, R.J., Thompson, I., Morrell, N., Chomiuk, L., Soderberg, A.M., Yong, D., Kraus, A.L., Herczeg, G.J., Hsiao, E.Y., Raskutti, S., Cohen, J.G., Mazzali, P.A. & Nomoto, K. 2014, *Multi-epoch high-spectral-resolution observations of neutral sodium in 14 Type Ia supernovae*, MNRAS, 443, 1849
- Dall'Ora, M., Botticella, M.T., Pumo, M.L., Zampieri, L., Tomassella, L., Pignata, G., Bayless, A.J., Pritchard, T.A., Taubenberger, S., Kotak, R., Inserra, C., Della Valle, M., Cappellaro, E., Benetti, S., Benitez, S., Bufano, F., Elias-Rosa, N., Fraser, M., Haislip, J.B., Harutyunyan, A., Howell, D.A., Hsiao, E.Y., Iijima, T., Kankare, E., Kuin, P., Maund, J.R., Morales-Garoffolo, A., Morrell, N., Munari, U., Ochner, P., Pastorello, A., Patat, F., Phillips, M.M., Reichart, D., Roming, P.W.A., Siviero, A., Smartt, S.J., Sollerman, J., Taddia, F., Valenti, S. & Wright, D. 2014, *The Type IIP Supernova 2012aw in M95: Hydrodynamical Modeling of the Photospheric Phase from Accurate Spectrophotometric Monitoring*, ApJ, 787, 139
- Acciari, V.A., Arlen, T., Aune, T., Benbow, W., Bird, R., Bouvier, A., Bradbury, S.M., Buckley, J.H., Bugaev, V., de la Calle Perez, I., Carter-Lewis, D.A., Cesarini, A., Ciupik, L., Collins-Hughes, E., Connolly, M.P., Cui, W., Duke, C., Dumm, J., Falcone, A., Federici, S., Fegan, D.J., Fegan, S.J., Finley, J.P., Finnegan, G., Fortson, L., Gaidos, J., Galante, N., Gall, D., Gibbs, K., Gillanders, G.H., Griffin, S., Grube, J., Gyuk, G., Hanna, D., Horan, D., Humensky, T.B., Kaaret, P., Kertzman, M., Khassen, Y., Kieda, D., Krawczynski, H., Krennrich, F., Lang, M.J., McEnery, J.E., Madhavan, A.S., Moriarty, P., Nelson, T., O'Faoláin de Bhróithe, A., Ong, R.A., Orr, M., Otte, A.N., Perkins, J.S., Petry, D., Pichel, A., Pohl, M., Quinn, J., Ragan, K., Reynolds, T., Roache, E.,
- Rovero, A., Schroedter, M., Sembroski, G.H., Smith, A., Tezhinsky, I., Theiling, M., Toner, J., Tyler, J., Varlotta, A., Vivier, M., Wakely, S.P., Ward, J.E., Weekes, T.C., Weinstein, A., Welsing, R., Williams, D.A. & Wissel, S. 2014, *Observation of Markarian 421 in TeV gamma rays over a 14-year time span*, APh, 54, 1
- Preibisch, T., Zeidler, P., Ratzka, T., Roccatagliata, V. & Petr-Gotzens, M.G. 2014, *The VISTA Carina Nebula Survey . I. Introduction and source catalog*, A&A, 572, A116
- Downes, J.J., Briceño, C., Mateu, C., Hernández, J., Vivas, A.K., Calvet, N., Hartmann, L., Petr-Gotzens, M.G. & Allen, L. 2014, *The low-mass star and sub-stellar populations of the 25 Orionis group*, MNRAS, 444, 1793
- Muradore, R., Petazzi, L., Clare, R. & Fedrigo, E. 2014, *An application of adaptive techniques to vibration rejection in adaptive optics systems*, Control Engineering Practice, 32, 87
- Pfeffer, J., Griffen, B.F., Baumgardt, H. & Hilker, M. 2014, *Contribution of stripped nuclear clusters to globular cluster and ultracompact dwarf galaxy populations*, MNRAS, 444, 3670
- Pfrommer, T. & Hickson, P. 2014, *High resolution mesospheric sodium properties for adaptive optics applications*, A&A, 565, A102
- Thureau, N.D., Greaves, J.S., Matthews, B.C., Kennedy, G., Phillips, N., Booth, M., Duchêne, G., Horner, J., Rodriguez, D.R., Sibthorpe, B. & Wyatt, M.C. 2014, *An unbiased study of debris discs around A-type stars with Herschel*, MNRAS, 445, 2558
- Levan, A.J., Tanvir, N.R., Fruchter, A.S., Hjorth, J., Pian, E., Mazzali, P., Hounsell, R.A., Perley, D.A., Cano, Z., Graham, J., Cenko, S.B., Fynbo, J.P.U., Kouveliotou, C., Pe'er, A., Misra, K. & Wiersema, K. 2014, *Hubble Space Telescope Observations of the Afterglow, Supernova, and Host Galaxy Associated with the Extremely Bright GRB 130427A*, ApJ, 792, 115
- Charbonnel, C., Chantereau, W., Krause, M., Primas, F. & Wang, Y. 2014, *Are there any first-generation stars in globular clusters today?*, A&A, 569, L6
- Lemasle, B., de Boer, T.J.L., Hill, V., Tolstoy, E., Irwin, M.J., Jablonka, P., Venn, K., Battaglia, G., Starkenburg, E., Shetrone, M., Letarte, B., François, P., Helmi, A., Primas, F., Kaufer, A. & Szeifert, T. 2014, *VLT/FLAMES spectroscopy of red giant branch stars in the Fornax dwarf spheroidal galaxy*, A&A, 572, A88
- Halpern, J.P., Tomsick, J.A., Gotthelf, E.V., Camilo, F., Ng, C.-Y., Bodaghee, A., Rodriguez, J., Chaty, S., Rahoui, F., 2014, *Discovery of X-Ray Pulsations from the INTEGRAL Source IGR J11014-6103*, ApJ, 795, L27
- Servillat, M., Coleiro, A., Chaty, S., Rahoui, F. & Zurita Heras, J.A. 2014, *Herschel Observations of Dust around the High-mass X-Ray Binary GX 301-2*, ApJ, 797, 114
- Rahoui, F., Tomsick, J.A., Fornasini, F.M., Bodaghee, A. & Bauer, F.E. 2014, *Near-infrared spectroscopy of 20 new Chandra sources in the Norma arm*, A&A, 568, A54
- Tomsick, J.A., Gotthelf, E.V., Rahoui, F., Assef, R.J., Bauer, F.E., Bodaghee, A., Boggs, S.E., Christensen, F.E., Craig, W.W., Fornasini, F.M., Grindlay, J., Hailey, C.J., Harrison, F.A., Krivonos, R., Natalucci, L., Stern, D. & Zhang, W.W. 2014, *NuSTAR J163433-4738.7: A Fast X-Ray Transient in the Galactic Plane*, ApJ, 785, 4
- Rahoui, F., Coriat, M. & Lee, J.C. 2014, *Optical and near-infrared spectroscopy of the black hole GX 339-4 - II. The spectroscopic content in the low/hard and high/soft states*, MNRAS, 442, 1610
- Fornasini, F.M., Tomsick, J.A., Bodaghee, A., Krivonos, R.A., An, H., Rahoui, F., Gotthelf, E.V., Bauer, F.E. & Stern, D. 2014, *The Norma Arm Region Chandra Survey Catalog: X-Ray Populations in the Spiral Arms*, ApJ, 796, 105
- Latour, M., Randall, S.K., Fontaine, G., Bono, G., Calamida, A. & Brassard, P. 2014, *A Helium-Carbon Correlation on the Extreme Horizontal Branch in ω Centauri*, ApJ, 795, 106

- Randall, S.K., Fontaine, G., Geier, S., Van Grootel, V. & Brassard, P. 2014, *Mode identification based on time-series spectrophotometry for the bright rapid sdB pulsator EC 01541-1409*, A&A, 563, A79
- Greggio, L., Rejkuba, M., Gonzalez, O.A., Arnaboldi, M., Iodice, E., Irwin, M., Neeser, M.J. & Emerson, J. 2014, *A panoramic VISTA of the stellar halo of NGC 253*, A&A, 562, A73
- Rejkuba, M., Harris, W.E., Greggio, L., Harris, G.L.H., Jerjen, H. & Gonzalez, O.A. 2014, *Tracing the Outer Halo in a Giant Elliptical to 25 R eff*, ApJ, 791, L2
- Haubois, X., Mota, B.C., Carciofi, A.C., Draper, Z.H., Wisniewski, J.P., Bednarski, D. & Rivinius, T. 2014, *Dynamical Evolution of Viscous Disks around Be Stars. II. Polarimetry*, ApJ, 785, 12
- Gramajo, L.V., Rodón, J.A. & Gómez, M. 2014, *Spectral Energy Distribution Analysis of Class I and Class II FU Orionis Stars*, AJ, 147, 140
- Galbany, L., Stanishev, V., Mourão, A.M., Rodrigues, M., Flores, H., García-Benito, R., Mast, D., Mendoza, M.A., Sánchez, S.F., Badenes, C., Barrera-Ballesteros, J., Bland-Hawthorn, J., Falcón-Barroso, J., García-Lorenzo, B., Gomes, J.M., González Delgado, R.M., Kehrig, C., Lyubenova, M., López-Sánchez, A.R., de Lorenzo-Cáceres, A., Marino, R.A., Meidt, S., Mollá, M., Papaderos, P., Pérez-Torres, M.A., Rosales-Ortega, F.F. & van de Ven, G. 2014, *Nearby supernova host galaxies from the CALIFA Survey. I. Sample, data analysis, and correlation to star-forming regions*, A&A, 572, A38
- Genovali, K., Lemasle, B., Bono, G., Romaniello, M., Fabrizio, M., Ferraro, I., Iannicola, G., Laney, C.D., Nonino, M., Bergemann, M., Buonanno, R., François, P., Inno, L., Kudritzki, R.-P., Matsunaga, N., Pedicelli, S., Primas, F., Thévenin, F., 2014, *On the fine structure of the Cepheid metallicity gradient in the Galactic thin disk*, A&A, 566, A37
- Bouwens, R.J., Bradley, L., Zitrin, A., Coe, D., Franx, M., Zheng, W., Smit, R., Host, O., Postman, M., Moustakas, L., Labbé, I., Carrasco, M., Molino, A., Donahue, M., Kelson, D.D., Meneghetti, M., Benítez, N., Lemze, D., Umetsu, K., Broadhurst, T., Moustakas, J., Rosati, P., Jouvel, S., Bartelmann, M., Ford, H., Graves, G., Grillo, C., Infante, L., Jimenez-Teja, Y., Lahav, O., Maoz, D., Medezinski, E., Melchior, P., Merten, J., Nonino, M., Ogaz, S. & Seitz, S. 2014, *A Census of Star-forming Galaxies in the Z ~ 9-10 Universe based on HST+Spitzer Observations over 19 Clash Clusters: Three Candidate Z ~ 9-10 Galaxies and Improved Constraints on the Star Formation Rate Density at Z ~ 9.2*, ApJ, 795, 126
- Bradley, L.D., Zitrin, A., Coe, D., Bouwens, R., Postman, M., Balestra, I., Grillo, C., Monna, A., Rosati, P., Seitz, S., Host, O., Lemze, D., Moustakas, J., Moustakas, L.A., Shu, X., Zheng, W., Broadhurst, T., Carrasco, M., Jouvel, S., Koekemoer, A., Medezinski, E., Meneghetti, M., Nonino, M., Smit, R., Umetsu, K., Bartelmann, M., Benítez, N., Donahue, M., Ford, H., Infante, L., Jimenez-Teja, Y., Kelson, D., Lahav, O., Maoz, D., Melchior, P., Merten, J. & Molino, A. 2014, *CLASH: A Census of Magnified Star-forming Galaxies at z ~ 6-8*, ApJ, 792, 76
- Jouvel, S., Host, O., Lahav, O., Seitz, S., Molino, A., Coe, D., Postman, M., Moustakas, L., Benítez, N., Rosati, P., Balestra, I., Grillo, C., Bradley, L., Fritz, A., Kelson, D., Koekemoer, A.M., Lemze, D., Medezinski, E., Mercurio, A., Moustakas, J., Nonino, M., Scodreggio, M., Zheng, W., Zitrin, A., Bartelmann, M., Bouwens, R., Broadhurst, T., Donahue, M., Ford, H., Graves, G., Infante, L., Jimenez-Teja, Y., Lazkoz, R., Melchior, P., Meneghetti, M., Merten, J., Ogaz, S. & Umetsu, K. 2014, *CLASH: Photometric redshifts with 16 HST bands in galaxy cluster fields*, A&A, 562, A86
- Monna, A., Seitz, S., Greisel, N., Eichner, T., Drory, N., Postman, M., Zitrin, A., Coe, D., Halkola, A., Suyu, S.H., Grillo, C., Rosati, P., Lemze, D., Balestra, I., Snigula, J., Bradley, L., Umetsu, K., Koekemoer, A., Kuchner, U., Moustakas, L., Bartelmann, M., Benítez, N., Bouwens, R., Broadhurst, T., Donahue, M., Ford, H., Host, O., Infante, L., Jimenez-Teja, Y., Kelson, D., Lahav, O., Medezinski, E., Melchior, P., Meneghetti, M., Merten, J., Molino, A., Moustakas, J., Nonino, M. & Zheng, W. 2014, *CLASH: z ~ 6 young galaxy candidate quintuply lensed by the frontier field cluster RXC J2248.7-4431*, MNRAS, 438, 1417
- Smit, R., Bouwens, R.J., Labbé, I., Zheng, W., Bradley, L., Donahue, M., Lemze, D., Moustakas, J., Umetsu, K., Zitrin, A., Coe, D., Postman, M., Gonzalez, V., Bartelmann, M., Benítez, N., Broadhurst, T., Ford, H., Grillo, C., Infante, L., Jimenez-Teja, Y., Jouvel, S., Kelson, D.D., Lahav, O., Maoz, D., Medezinski, E., Melchior, P., Meneghetti, M., Merten, J., Molino, A., Moustakas, L.A., Nonino, M., Rosati, P. & Seitz, S. 2014, *Evidence for Ubiquitous High-equivalent-width Nebular Emission in z ~ 7 Galaxies: Toward a Clean Measurement of the Specific Star-formation Rate Using a Sample of Bright, Magnified Galaxies*, ApJ, 784, 58
- Fassbender, R., Nastasi, A., Santos, J.S., Lidman, C., Verdugo, M., Koyama, Y., Rosati, P., Pierini, D., Padilla, N., Romeo, A.D., Menci, N., Bongiorno, A., Castellano, M., Cerulo, P., Fontana, A., Galametz, A., Grazian, A., Lamastra, A., Pentericci, L., Sommariva, V., Strazzullo, V., Šuhada, R. & Tozzi, P. 2014, *Galaxy population properties of the massive X-ray luminous galaxy cluster XDCP J0044.0-2033 at z = 1.58. Red-sequence formation, massive galaxy assembly, and central star formation activity*, A&A, 568, A5
- Patel, B., McCully, C., Jha, S.W., Rodney, S.A., Jones, D.O., Graur, O., Merten, J., Zitrin, A., Riess, A.G., Matheson, T., Sako, M., Holoien, T.W.-S., Postman, M., Coe, D., Bartelmann, M., Balestra, I., Benítez, N., Bouwens, R., Bradley, L., Broadhurst, T., Cenko, S.B., Donahue, M., Filippenko, A.V., Ford, H., Garnavich, P., Grillo, C., Infante, L., Jouvel, S., Kelson, D., Koekemoer, A., Lahav, O., Lemze, D., Maoz, D., Medezinski, E., Melchior, P., Meneghetti, M., Molino, A., Moustakas, J., Moustakas, L.A., Nonino, M., Rosati, P., Seitz, S., Strolger, L.G., Umetsu, K., Zheng, W., 2014, *Three Gravitationally Lensed Supernovae behind CLASH Galaxy Clusters*, ApJ, 786, 9
- Delaye, L., Huertas-Company, M., Mei, S., Lidman, C., Licita, R., Newman, A., Raichoor, A., Shankar, F., Barrientos, F., Bernardi, M., Cerulo, P., Couch, W., Demarco, R., Muñoz, R., Sánchez-Janssen, R. & Tanaka, M. 2014, *Larger sizes of massive quiescent early-type galaxies in clusters than in the field at 0.8 < z < 1.5*, MNRAS, 441, 203
- Sanchez-Bermudez, J., Schödel, R., Alberdi, A., Muzić, K., Hummel, C.A. & Pott, J.-U., 2014, *Properties of bow-shock sources at the Galactic center*, A&A, 567, A21
- Sanchez-Bermudez, J., Alberdi, A., Schödel, R., Hummel, C.A., Arias, J.I., Barbá, R.H., Maíz Apellániz, J. & Pott, J.-U., 2014, *Resolving the stellar components of the massive multiple system Herschel 36 with AMBER/VLTI*, A&A, 572, L1
- Sánchez-Janssen, R., Mieske, S., Selman, F., Bristow, P., Hammersley, P., Hilker, M., Rejkuba, M. & Wolff, B. 2014, *Revisiting the impact of atmospheric dispersion and differential refraction on widefield multiobject spectroscopic observations. From VLT/VIMOS to next generation instruments*, A&A, 566, A2
- Varela, A.M., Vázquez Ramió, H., Vernin, J., Muñoz-Tuñón, C., Sarazin, M., Trinquet, H., Delgado, J.M., Jiménez Fuensalda, J., Reyes, M., Benhida, A., Benkhaldoun, Z., García Lambas, D., Hach, Y., Lazrek, M., Lombardi, G., Navarrete, J., Recabarren, P., Renzi, V., Sabil, M. & Vrech, R. 2014, *European Extremely Large Telescope Site Characterization III: Ground Meteorology*, PASP, 126, 412
- Trevese, D., Perna, M., Vagnetti, F., Saturni, F.G. & Dadina, M. 2014, *C IV and C III] Reverberation Mapping of the Luminous Quasar PG 1247+267*, ApJ, 795, 164
- Rossi, A., Piranomonte, S., Savaglio, S., Palazzi, E., Michałowski, M.J., Klose, S., Hunt, L.K., Amati, L., Elliott, J., Greiner, J.,

- Guidorzi, C., Japelj, J., Kann, D.A., Lo Faro, B., Nicuesa Guelbenzu, A., Schulze, S., Vergani, S.D., Arnold, L.A., Covino, S., D'Elia, V., Ferrero, P., Filgas, R., Goldoni, P., Küpcü Yoldaş, A., Le Borgne, D., Pian, E., Schady, P. & Stratta, G. 2014, *A quiescent galaxy at the position of the long GRB 050219A*, A&A, 572, A47
- Schady, P., Savaglio, S., Müller, T., Krühler, T., Dwelly, T., Palazzi, E., Hunt, L.K., Greiner, J., Linz, H., Michałowski, M.J., Pierini, D., Piranomonte, S., Vergani, S.D. & Gear, W.K. 2014, *Herschel observations of gamma-ray burst host galaxies: implications for the topology of the dusty interstellar medium*, A&A, 570, A52
- Vreeswijk, P.M., Savaglio, S., Gal-Yam, A., De Cia, A., Quimby, R.M., Sullivan, M., Cenko, S.B., Perley, D.A., Filippenko, A.V., Clubb, K.I., Taddia, F., Sollerman, J., Leloudas, G., Arcavi, I., Rubin, A., Kasliwal, M.M., Cao, Y., Yaron, O., Tal, D., Ofek, E.O., Capone, J., Kutyrev, A.S., Toy, V., Nugent, P.E., Laher, R., Surace, J. & Kulkarni, S.R. 2014, *The Hydrogen-poor Superluminous Supernova iPTF 13ajg and its Host Galaxy in Absorption and Emission*, ApJ, 797, 24
- Mauro, F., Moni Bidin, C., Geisler, D., Saviane, I., Da Costa, G.S., Gormaz-Matamala, A.C., Vasquez, S., Chené, A.-N., Cohen, R., Dias, B., 2014, *Deriving metallicities from calcium triplet spectroscopy in combination with near-infrared photometry*, A&A, 563, A76
- Da Costa, G.S., Held, E.V. & Saviane, I. 2014, *NGC 5824: a luminous outer halo globular cluster with an intrinsic abundance spread*, MNRAS, 438, 3507
- Calamida, A., Bono, G., Lagioia, E.P., Milone, A.P., Fabrizio, M., Saviane, I., Moni Bidin, C., Mauro, F., Buonanno, R., Ferraro, I., Iannicola, G. & Zoccali, M. 2014, *Strömgren and near-infrared photometry of metal-rich bulge globular clusters. I. NGC 6528 and its surrounding field*, A&A, 565, A8
- Ghisellini, G., Celotti, A., Tavecchio, F., Haardt, F. & Sbarrato, T. 2014, *Radio-loud active galactic nuclei at high redshifts and the cosmic microwave background*, MNRAS, 438, 2694
- Ghisellini, G., Sbarrato, T., Tagliaferri, G., Foschini, L., Tavecchio, F., Ghirlanda, G., Braitto, V. & Gehrels, N. 2014, *SDSS J114657.79+403708.6: the third most distant blazar at $z = 5.0$* , MNRAS, 440, L111
- Sbarrato, T., Padovani, P. & Ghisellini, G. 2014, *The jet-disc connection in AGN*, MNRAS, 445, 81
- Ghisellini, G., Tavecchio, F., Maraschi, L., Celotti, A. & Sbarrato, T. 2014, *The power of relativistic jets is larger than the luminosity of their accretion disks*, Natur, 515, 376
- Tappert, C., Vogt, N., Della Valle, M., Schmidtbreick, L. & Ederoclitte, A. 2014, *Life after eruption - IV. Spectroscopy of 13 old novae*, MNRAS, 442, 565
- Hubrig, S., Castelli, F., González, J.F., Carroll, T.A., Ilyin, I., Schöller, M., Drake, N.A., Korhonen, H. & Briquet, M. 2014, *Abundance analysis, spectral variability, and search for the presence of a magnetic field in the typical PGa star HD 19400*, MNRAS, 442, 3604
- Hubrig, S., Fossati, L., Carroll, T.A., Castro, N., González, J.F., Ilyin, I., Przybilla, N., Schöller, M., Oskinova, L.M., Morel, T., Langer, N., Scholz, R.D., Kharchenko, N.V. & Nieva, M.-F., 2014, *B fields in OB stars (BOB): The discovery of a magnetic field in a multiple system in the Trifid nebula, one of the youngest star forming regions*, A&A, 564, L10
- Fossati, L., Castro, N., Morel, T., Langer, N., Briquet, M., Carroll, T.A., Hubrig, S., Nieva, M.F., Oskinova, L.M., Przybilla, N., Schneider, F.R.N., Scholler, M., Simon-Diaz, S., Ilyin, I., de Koter, A., Reisenegger, A., Sana, H. & the BOB collaboration, t.B.c. 2014, *B fields in OB stars (BOB): on the detection of weak magnetic fields in the two early B-type stars beta CMa and epsilon CMa*, arXiv, 1411, 6490
- González, J.F., Saffe, C., Castelli, F., Hubrig, S., Ilyin, I., Schöller, M., Carroll, T.A., Leone, F. & Giarrusso, M. 2014, *HD 161701, a chemically peculiar binary with a HgMn primary and an Ap secondary*, A&A, 561, A63
- Hubrig, S., Schöller, M. & Kholtygin, A.F. 2014, *Short time-scale spectral variability in the A0 supergiant HD 92207 and the importance of line profile variations for the interpretation of FORS 2 spectropolarimetric observations*, MNRAS, 440, 1779
- Hubrig, S., Carroll, T.A., González, J.F., Schöller, M., Ilyin, I., Saffe, C., Castelli, F., Leone, F. & Giarrusso, M. 2014, *The magnetic field in HD 161701, the only binary system identified to consist of an HgMn primary and an Ap secondary*, MNRAS, 440, L6
- Steffen, M., Hubrig, S., Todt, H., Schöller, M., Hamann, W.-R., Sandin, C., Schönberner, D., 2014, *Weak magnetic fields in central stars of planetary nebulae?*, A&A, 570, A88
- Urquhart, J.S., Csengeri, T., Wyrowski, F., Schuller, F., Bontemps, S., Bronfman, L., Menten, K.M., Walmsley, C.M., Contreras, Y., Beuther, H., Wienen, M. & Linz, H. 2014, *ATLASGAL - Complete compact source catalogue: $280^\circ < \ell < 60^\circ$* , A&A, 568, A41
- Urquhart, J.S., Moore, T.J.T., Csengeri, T., Wyrowski, F., Schuller, F., Hoare, M.G., Lumsden, S.L., Mottram, J.C., Thompson, M.A., Menten, K.M., Walmsley, C.M., Bronfman, L., Pfalzner, S., König, C. & Wienen, M. 2014, *ATLASGAL - towards a complete sample of massive star forming clumps*, MNRAS, 443, 1555
- Giannetti, A., Wyrowski, F., Brand, J., Csengeri, T., Fontani, F., Walmsley, C.M., Nguyen Luong, Q., Beuther, H., Schuller, F., Güsten, R. & Menten, K.M. 2014, *ATLASGAL-selected massive clumps in the inner Galaxy. I. CO depletion and isotopic ratios*, A&A, 570, A65
- Vasyunina, T., Vasyunin, A.I., Herbst, E., Linz, H., Voronkov, M., Britton, T., Zinchenko, I. & Schuller, F. 2014, *Organic Species in Infrared Dark Clouds*, ApJ, 780, 85
- Csengeri, T., Urquhart, J.S., Schuller, F., Motte, F., Bontemps, S., Wyrowski, F., Menten, K.M., Bronfman, L., Beuther, H., Henning, T., Testi, L., Zavagno, A. & Walmsley, M. 2014, *The ATLASGAL survey: a catalog of dust condensations in the Galactic plane*, A&A, 565, A75
- Gómez, L., Wyrowski, F., Schuller, F., Menten, K.M. & Ballesteros-Paredes, J. 2014, *The mass distribution of clumps within infrared dark clouds. A Large APEX Bolometer Camera study*, A&A, 561, A148
- Scicluna, P., Rosotti, G., Dale, J.E. & Testi, L. 2014, *Old pre-main-sequence stars. Disc reformation by Bondi-Hoyle accretion*, A&A, 566, L3
- Shultz, M., Wade, G.A., Petit, V., Grunhut, J., Neiner, C., Hanes, D. & MiMeS Collaboration, M.C. 2014, *An observational evaluation of magnetic confinement in the winds of BA supergiants*, MNRAS, 438, 1114
- Siebenmorgen, R., Voshchinnikov, N.V. & Bagnulo, S. 2014, *Dust in the diffuse interstellar medium. Extinction, emission, linear and circular polarisation*, A&A, 561, A82
- Alonso-Herrero, A., Ramos Almeida, C., Esquej, P., Roche, P.F., Hernán-Caballero, A., Hönl, S.F., González-Martín, O., Aretxaga, I., Mason, R.E., Packham, C., Levenson, N.A., Rodríguez Espinosa, J.M., Siebenmorgen, R., Pereira-Santaella, M., Díaz-Santos, T., Colina, L., Alvarez, C. & Telesco, C.M. 2014, *Nuclear 11.3 μm PAH emission in local active galactic nuclei*, MNRAS, 443, 2766
- Simmons, B.D., Melvin, T., Lintott, C., Masters, K.L., Willett, K.W., Keel, W.C., Smethurst, R.J., Cheung, E., Nichol, R.C., Schawinski, K., Rutkowski, M., Kartaltepe, J.S., Bell, E.F., Casteels, K.R.V., Conselice, C.J., Almaini, O., Ferguson, H.C., Fortson, L., Hartley, W., Kocevski, D., Koekemoer, A.M., McIntosh, D.H., Mortlock, A., Newman, J.A., Ownsworth, J., Bamford, S., Dahlen, T., Faber, S.M., Finkelstein, S.L., Fontana, A., Galametz, A., Grogin, N.A., Grützbauch, R., Guo, Y., Häußler, B., Jek, K.J., Kaviraj, S., Lucas, R.A., Peth, M., Salvato, M., Wiklind, T. & Wuyts, S. 2014, *Galaxy Zoo: CANDELS barred discs and bar fractions*, MNRAS, 445, 3466

- Wiesemeyer, H., Hezareh, T., Kreysa, E., Weiss, A., Güsten, R., Menten, K.M., Siringo, G., Schuller, F. & Kovacs, A. 2014, *Submillimeter Polarimetry with PolKa, a Reflection-Type Modulator for the APEX Telescope*, PASP, 126, 1027
- Kanekar, N., Prochaska, J.X., Smette, A., Ellison, S.L., Ryan-Weber, E.V., Momjian, E., Briggs, F.H., Lane, W.M., Chengalur, J.N., Delafosse, T., Grave, J., Jacobsen, D. & de Bruyn, A.G. 2014, *The spin temperature of high-redshift damped Lyman α systems*, MNRAS, 438, 2131
- Asmus, D., Hönl, S.F., Gandhi, P., Smette, A. & Duschl, W.J. 2014, *The subarcsecond mid-infrared view of local active galactic nuclei - I. The N- and Q-band imaging atlas*, MNRAS, 439, 1648
- Sousa, S.G., Santos, N.C., Adibekyan, V., Delgado-Mena, E., Taberner, H.M., González Hernández, J.I., Montes, D., Smiljanic, R., Korn, A.J., Bergemann, M., Soubiran, C. & Mikolaitis, S. 2014, *A new procedure for defining a homogenous line-list for solar-type stars*, A&A, 561, A21
- Damiani, F., Prisinzano, L., Micela, G., Randich, S., Gilmore, G., Drew, J.E., Jeffries, R.D., Frémat, Y., Alfaro, E.J., Bensby, T., Bragaglia, A., Flaccomio, E., Lanzafame, A.C., Pancino, E., Recio-Blanco, A., Sacco, G.G., Smiljanic, R., Jackson, R.J., de Laverny, P., Morbidelli, L., Worley, C.C., Hourihane, A., Costado, M.T., Jofré, P., Lind, K. & Maiorca, E. 2014, *Gaia-ESO Survey: Empirical classification of VLT/Giraffe stellar spectra in the wavelength range 6440-6810 Å in the γ Velorum cluster, and calibration of spectral indices*, A&A, 566, A50
- Friel, E.D., Donati, P., Bragaglia, A., Jacobson, H.R., Magrini, L., Prisinzano, L., Randich, S., Tosi, M., Cantat-Gaudin, T., Vallenari, A., Smiljanic, R., Carraro, G., Sordo, R., Maiorca, E., Tautvaišienė, G., Sestito, P., Zaggia, S., Jiménez-Esteban, F.M., Gilmore, G., Jeffries, R.D., Alfaro, E., Bensby, T., Koposov, S.E., Korn, A.J., Pancino, E., Recio-Blanco, A., Franciosini, E., Hill, V., Jackson, R.J., de Laverny, P., Morbidelli, L., Sacco, G.G., Worley, C.C., Hourihane, A., Costado, M.T., Jofré, P. & Lind, K. 2014, *Gaia-ESO Survey: Properties of the intermediate age open cluster NGC 4815*, A&A, 563, A117
- Magrini, L., Randich, S., Romano, D., Friel, E., Bragaglia, A., Smiljanic, R., Jacobson, H., Vallenari, A., Tosi, M., Spina, L., Donati, P., Maiorca, E., Cantat-Gaudin, T., Sordo, R., Bergemann, M., Damiani, F., Tautvaišienė, G., Blanco-Cuaresma, S., Jiménez-Esteban, F., Geisler, D., Mowlavi, N., Muñoz, C., San Roman, I., Soubiran, C., Villanova, S., Zaggia, S., Gilmore, G., Asplund, M., Feltzing, S., Jeffries, R., Bensby, T., Koposov, S., Korn, A.J., Flaccomio, E., Pancino, E., Recio-Blanco, A., Sacco, G., Costado, M.T., Franciosini, E., Jofré, P., de Laverny, P., Hill, V., Heiter, U., Hourihane, A., Jackson, R., Lardo, C., Morbidelli, L., Lewis, J., Lind, K., Masseron, T., Prisinzano, L. & Worley, C. 2014, *The Gaia-ESO Survey: Abundance ratios in the inner-disk open clusters Trumpler 20, NGC 4815, NGC 6705*, A&A, 563, A44
- Donati, P., Cantat Gaudin, T., Bragaglia, A., Friel, E., Magrini, L., Smiljanic, R., Vallenari, A., Tosi, M., Sordo, R., Tautvaišienė, G., Blanco-Cuaresma, S., Costado, M.T., Geisler, D., Klutsch, A., Mowlavi, N., Muñoz, C., San Roman, I., Zaggia, S., Gilmore, G., Randich, S., Bensby, T., Flaccomio, E., Koposov, S.E., Korn, A.J., Pancino, E., Recio-Blanco, A., Franciosini, E., de Laverny, P., Lewis, J., Morbidelli, L., Prisinzano, L., Sacco, G., Worley, C.C., Hourihane, A., Jofré, P., Lardo, C. & Maiorca, E. 2014, *The Gaia-ESO Survey: Reevaluation of the parameters of the open cluster Trumpler 20 using photometry and spectroscopy*, A&A, 561, A94
- Cantat-Gaudin, T., Vallenari, A., Zaggia, S., Bragaglia, A., Sordo, R., Drew, J.E., Eisloffel, J., Farnhill, H.J., Gonzalez-Solares, E., Greimel, R., Irwin, M.J., Kupcu-Yoldas, A., Jordi, C., Blomme, R., Sampedro, L., Costado, M.T., Alfaro, E., Smiljanic, R., Magrini, L., Donati, P., Friel, E.D., Jacobson, H., Abbas, U., Hatzidimitriou, D., Spagna, A., Vecchiato, A., Balaguer-Nunez, L., Lardo, C., Tosi, M., Pancino, E., Klutsch, A., Tautvaišienė, G., Drazdauskas, A., Puzeras, E., Jiménez-Esteban, F., Maiorca, E., Geisler, D., San Roman, I., Villanova, S., Gilmore, G., Randich, S., Bensby, T., Flaccomio, E., Lanzafame, A., Recio-Blanco, A., Damiani, F., Hourihane, A., Jofré, P., de Laverny, P., Masseron, T., Morbidelli, L., Prisinzano, L., Sacco, G.G., Sbordone, L. & Worley, C.C. 2014, *The Gaia-ESO Survey: Stellar content and elemental abundances in the massive cluster NGC 6705*, A&A, 569, A17
- Smiljanic, R., Korn, A.J., Bergemann, M., Frasca, A., Magrini, L., Masseron, T., Pancino, E., Ruchti, G., San Roman, I., Sbordone, L., Sousa, S.G., Taberner, H., Tautvaišienė, G., Valentini, M., Weber, M., Worley, C.C., Adibekyan, V.Z., Allende Prieto, C., Barisevičius, G., Biazzo, K., Blanco-Cuaresma, S., Bonfacio, P., Bragaglia, A., Caffau, E., Cantat-Gaudin, T., Chorniy, Y., de Laverny, P., Delgado-Mena, E., Donati, P., Duffau, S., Franciosini, E., Friel, E., Geisler, D., González Hernández, J.I., Gruyters, P., Guiglion, G., Hansen, C.J., Heiter, U., Hill, V., Jacobson, H.R., Jofré, P., Jönsson, H., Lanzafame, A.C., Lardo, C., Ludwig, H.-G., Maiorca, E., Mikolaitis, Š., Montes, D., Morel, T., Mucciarelli, A., Muñoz, C., Nordlander, T., Pasquini, L., Puzeras, E., Recio-Blanco, A., Ryde, N., Sacco, G., Santos, N.C., Serenelli, A.M., Sordo, R., Soubiran, C., Spina, L., Steffen, M., Vallenari, A., Van Eck, S., Villanova, S., Gilmore, G., Randich, S., Asplund, M., Binney, J., Drew, J., Feltzing, S., Ferguson, A., Jeffries, R., Micela, G., Negueruela, I., Prusti, T., Rix, H.-W., Alfaro, E., Babusiaux, C., Bensby, T., Blomme, R., Flaccomio, E., François, P., Irwin, M., Koposov, S., Walton, N., Bayo, A., Carraro, G., Costado, M.T., Damiani, F., Edvardsson, B., Hourihane, A., Jackson, R., Lewis, J., Lind, K., Marconi, G., Martayan, C., Monaco, L., Morbidelli, L., Prisinzano, L., Zaggia, S., 2014, *The Gaia-ESO Survey: The analysis of high-resolution UVES spectra of FGK-type stars*, A&A, 570, A122
- Bergemann, M., Ruchti, G.R., Serenelli, A., Feltzing, S., Alves-Brito, A., Asplund, M., Bensby, T., Gruyters, P., Heiter, U., Hourihane, A., Korn, A., Lind, K., Marino, A., Jofré, P., Nordlander, T., Ryde, N., Worley, C.C., Gilmore, G., Randich, S., Ferguson, A.M.N., Jeffries, R.D., Micela, G., Negueruela, I., Prusti, T., Rix, H.-W., Vallenari, A., Alfaro, E.J., Allende Prieto, C., Bragaglia, A., Koposov, S.E., Lanzafame, A.C., Pancino, E., Recio-Blanco, A., Smiljanic, R., Walton, N., Costado, M.T., Franciosini, E., Hill, V., Lardo, C., de Laverny, P., Magrini, L., Maiorca, E., Masseron, T., Morbidelli, L., Sacco, G., Kordopatis, G., Tautvaišienė, G., 2014, *The Gaia-ESO Survey: radial metallicity gradients and age-metallicity relation of stars in the Milky Way disk*, A&A, 565, A89
- Recio-Blanco, A., de Laverny, P., Kordopatis, G., Helmi, A., Hill, V., Gilmore, G., Wyse, R., Adibekyan, V., Randich, S., Asplund, M., Feltzing, S., Jeffries, R., Micela, G., Vallenari, A., Alfaro, E., Allende Prieto, C., Bensby, T., Bragaglia, A., Flaccomio, E., Koposov, S.E., Korn, A., Lanzafame, A., Pancino, E., Smiljanic, R., Jackson, R., Lewis, J., Magrini, L., Morbidelli, L., Prisinzano, L., Sacco, G., Worley, C.C., Hourihane, A., Bergemann, M., Costado, M.T., Heiter, U., Jofré, P., Lardo, C., Lind, K. & Maiorca, E. 2014, *The Gaia-ESO Survey: the Galactic thick to thin disc transition*, A&A, 567, A5
- Mikolaitis, Š., Hill, V., Recio-Blanco, A., de Laverny, P., Allende Prieto, C., Kordopatis, G., Tautvaišienė, G., Romano, D., Gilmore, G., Randich, S., Feltzing, S., Micela, G., Vallenari, A., Alfaro, E.J., Bensby, T., Bragaglia, A., Flaccomio, E., Lanzafame, A.C., Pancino, E., Smiljanic, R., Bergemann, M., Carraro, G., Costado, M.T., Damiani, F., Hourihane, A., Jofré, P., Lardo, C., Magrini, L., Maiorca, E., Morbidelli, L., Sbordone, L., Sousa, S.G., Worley, C.C. & Zaggia, S. 2014, *The Gaia-ESO Survey: the chemical structure of the Galactic discs from the first internal data release*, A&A, 572, A33
- Spina, L., Randich, S., Palla, F., Sacco, G.G., Magrini, L., Franciosini, E., Morbidelli, L., Prisinzano, L., Alfaro, E.J., Biazzo, K., Frasca, A., González Hernández, J.I., Sousa, S.G., Adibekyan, V., Delgado-Mena, E., Montes, D., Taberner, H., Klutsch, A., Gilmore, G.,

- Feltzing, S., Jeffries, R.D., Micela, G., Vallenari, A., Bensby, T., Bragaglia, A., Flaccomio, E., Koposov, S., Lanzafame, A.C., Pancino, E., Recio-Blanco, A., Smiljanic, R., Costado, M.T., Damiani, F., Hill, V., Hourihane, A., Jofré, P., de Laverny, P., Masseron, T. & Worley, C. 2014, *The Gaia-ESO Survey: the first abundance determination of the pre-main-sequence cluster gamma Velorum*, A&A, 567, A55
- Smoker, J., Ledoux, C., Jehin, E., Keenan, F.P., Kennedy, M., Cabanac, R. & Melo, C. 2014, *Early-type stars observed in the ESO UVES Paranal Observatory Project - IV. Studies of CN, CH+ and CH in the interstellar medium*, MNRAS, 438, 1127
- Chesneau, O., Meilland, A., Chapellier, E., Millour, F., van Genderen, A.M., Nazé, Y., Smith, N., Spang, A., Smoker, J.V., Dessart, L., Kanaan, S., Bendjoya, P., Feast, M.W., Groh, J.H., Lobel, A., Nardetto, N., Otero, S., Oudmaijer, R.D., Tekola, A.G., Whitelock, P.A., Arcos, C., Curé, M. & Vanzi, L. 2014, *The yellow hypergiant HR 5171 A: Resolving a massive interacting binary in the common envelope phase*, A&A, 563, A71
- Alves de Oliveira, C., Schneider, N., Merín, B., Prusti, T., Ribas, Á., Cox, N.L.J., Vavrek, R., Könyves, V., Arzoumanian, D., Puga, E., Pilbratt, G.L., Kóspál, Á., André, P., Didelon, P., Men'shchikov, A., Royer, P., Waelkens, C., Bontemps, S., Winston, E. & Spezzi, L. 2014, *Herschel view of the large-scale structure in the Chamaeleon dark clouds*, A&A, 568, A98
- Zanardo, G., Staveley-Smith, L., Indebetouw, R., Chevalier, R.A., Matsuura, M., Gaensler, B.M., Barlow, M.J., Fransson, C., Manchester, R.N., Baes, M., Kamenetzky, J.R., Lakićević, M., Lundqvist, P., Marcaide, J.M., Martí-Vidal, I., Meixner, M., Ng, C.-Y., Park, S., Sonneborn, G., *Spyromilio, J.*, van Loon, J.T., 2014, *Spectral and Morphological Analysis of the Remnant of Supernova 1987A with ALMA and ATCA*, ApJ, 796, 82
- Sánchez-Monge, Á., Beltrán, M.T., Cesaroni, R., Etoka, S., Galli, D., Kumar, M.S.N., Moscadelli, L., *Stanke, T.*, van der Tak, F.F.S., Vig, S., Walmsley, C.M., Wang, K.-S., Zinnecker, H., Elia, D., Molinari, S., Schisano, E., 2014, *A necklace of dense cores in the high-mass star forming region G35.20-0.74 N: ALMA observations*, A&A, 569, A11
- Schnee, S., Mason, B., Di Francesco, J., Friesen, R., Li, D., Sadavoy, S. & *Stanke, T.* 2014, *Evidence for large grains in the star-forming filament OMC 2/3*, MNRAS, 444, 2303
- Beltrán, M.T., Sánchez-Monge, Á., Cesaroni, R., Kumar, M.S.N., Galli, D., Walmsley, C.M., Etoka, S., Furuya, R.S., Moscadelli, L., *Stanke, T.*, van der Tak, F.F.S., Vig, S., Wang, K.-S., Zinnecker, H., Elia, D., Schisano, E., 2014, *Filamentary structure and Keplerian rotation in the high-mass star-forming region G35.03+0.35 imaged with ALMA*, A&A, 571, A52
- Fischer, W.J., Megeath, S.T., Tobin, J.J., Hartmann, L., Stutz, A.M., Kounkel, M., Poteet, C.A., Ali, B., Osorio, M., Manoj, P., Remming, I., *Stanke, T.* & Watson, D.M. 2014, *HOPS 136: An Edge-on Orion Protostar near the End of Envelope Infall*, ApJ, 781, 123
- Furlan, E., Megeath, S.T., Osorio, M., Stutz, A.M., Fischer, W.J., Ali, B., *Stanke, T.*, Manoj, P., Adams, J.D. & Tobin, J.J. 2014, *On the Nature of the Deeply Embedded Protostar OMC-2 FIR 4*, ApJ, 786, 26
- Valyavin, G., Shulyak, D., Wade, G.A., Antonyuk, K., Zharikov, S.V., Galazutdinov, G.A., Plachinda, S., Bagnulo, S., Fox Machado, L., Alvarez, M., Clark, D.M., Lopez, J.M., Hiriart, D., Han, I., Jeon, Y.-B., Zurita, C., Mujica, R., Burlakova, T., *Szeifert, T.*, Burenkov, A., 2014, *Suppression of cooling by strong magnetic fields in white dwarf stars*, Natur, 515, 88
- Hunt, L.K., *Testi, L.*, Casasola, V., García-Burillo, S., Combes, F., Nikutta, R., Caselli, P., Henkel, C., Maiolino, R., Menten, K.M., Sauvage, M. & Weiss, A. 2014, *ALMA observations of cool dust in a low-metallicity starburst, SBS 0335-052*, A&A, 561, A49
- Ricci, L., *Testi, L.*, Natta, A., Scholz, A., de Gregorio-Monsalvo, I. & Isella, A. 2014, *Brown Dwarf Disks with ALMA*, ApJ, 791, 20
- Storm, S., Mundy, L.G., Fernández-López, M., Lee, K.I., Looney, L.W., Teuben, P., Rosolowsky, E., Arce, H.G., Ostriker, E.C., Segura-Cox, D.M., Pound, M.W., Salter, D.M., Volgenau, N.H., Shirley, Y.L., Chen, C.-Y., Gong, H., Plunkett, A.L., Tobin, J.J., Kwon, W., Isella, A., Kauffmann, J., Tassis, K., Crutcher, R.M., Gammie, C.F., *Testi, L.*, 2014, *CARMA Large Area Star Formation Survey: Project Overview with Analysis of Dense Gas Structure and Kinematics in Barnard 1*, ApJ, 794, 165
- Lee, K.I., Fernández-López, M., Storm, S., Looney, L.W., Mundy, L.G., Segura-Cox, D., Teuben, P., Rosolowsky, E., Arce, H.G., Ostriker, E.C., Shirley, Y.L., Kwon, W., Kauffmann, J., Tobin, J.J., Plunkett, A.L., Pound, M.W., Salter, D.M., Volgenau, N.H., Chen, C.-Y., Tassis, K., Isella, A., Crutcher, R.M., Gammie, C.F., *Testi, L.*, 2014, *CARMA Large Area Star Formation Survey: Structure and Kinematics of Dense Gas in Serpens Main*, ApJ, 797, 76
- Pinilla, P., Benisty, M., Birnstiel, T., Ricci, L., Isella, A., Natta, A., Dullemond, C.P., Quiroga-Núñez, L.H., Henning, T. & *Testi, L.* 2014, *Millimetre spectral indices of transition disks and their relation to the cavity radius*, A&A, 564, A51
- Olmi, L., Anglés-Alcázar, D., Elia, D., Molinari, S., Pestalozzi, M., Pezzuto, S., Schisano, E., *Testi, L.* & Thompson, M. 2014, *On the shape of the mass-function of dense clumps in the Hi-GAL fields. II. Using Bayesian inference to study the clump mass function*, A&A, 564, A87
- Menu, J., van Boekel, R., Henning, T., Chandler, C.J., Linz, H., Benisty, M., Lacour, S., Min, M., Waelkens, C., Andrews, S.M., Calvet, N., Carpenter, J.M., Corder, S.A., Deller, A.T., Greaves, J.S., Harris, R.J., Isella, A., Kwon, W., Lazio, J., Le Bouquin, J.-B., Ménard, F., Mundy, L.G., Pérez, L.M., Ricci, L., Sargent, A.I., Storm, S., *Testi, L.*, Wilner, D.J., 2014, *On the structure of the transition disk around TW Hydrae*, A&A, 564, A93
- Andrews, S.M., Chandler, C.J., Isella, A., Birnstiel, T., Rosenfeld, K.A., Wilner, D.J., Pérez, L.M., Ricci, L., Carpenter, J.M., Calvet, N., Corder, S.A., Deller, A.T., Dullemond, C.P., Greaves, J.S., Harris, R.J., Henning, T., Kwon, W., Lazio, J., Linz, H., Mundy, L.G., Sargent, A.I., Storm, S. & *Testi, L.* 2014, *Resolved Multifrequency Radio Observations of GG Tau*, ApJ, 787, 148
- Rathborne, J.M., Longmore, S.N., Jackson, J.M., Kruijssen, J.M.D., Alves, J.F., Bally, J., Bastian, N., Contreras, Y., Foster, J.B., Garay, G., *Testi, L.* & Walsh, A.J. 2014, *Turbulence Sets the Initial Conditions for Star Formation in High-pressure Environments*, ApJ, 795, L25
- Natta, A., *Testi, L.*, Alcalá, J.M., Rigliaco, E., Covino, E., Stelzer, B. & D'Elia, V. 2014, *X-shooter spectroscopy of young stellar objects. V. Slow winds in T Tauri stars*, A&A, 569, A5
- McNamara, B.R., Russell, H.R., Nulsen, P.E.J., Edge, A.C., Murray, N.W., Main, R.A., Vantyghem, A.N., Combes, F., Fabian, A.C., Salome, P., Kirkpatrick, C.C., Baum, S.A., Bregman, J.N., Donahue, M., Egami, E., Hamer, S., O'Dea, C.P., Oonk, J.B.R., Tremblay, G. & Voit, G.M. 2014, *A 1010 Solar Mass Flow of Molecular Gas in the A1835 Brightest Cluster Galaxy*, ApJ, 785, 44
- Tremblay, G.R., Gladders, M.D., Baum, S.A., O'Dea, C.P., Bayliss, M.B., Cooke, K.C., Dahle, H., Davis, T.A., Florian, M., Rigby, J.R., Sharon, K., Soto, E. & Wuyts, E. 2014, *A 30 kpc Chain of "Beads on a String" Star Formation between Two Merging Early Type Galaxies in the Core of a Strong-lensing Galaxy Cluster*, ApJ, 790, L26
- Hamer, S.L., Edge, A.C., Swinbank, A.M., Oonk, J.B.R., Mittal, R., McNamara, B.R., Russell, H.R., Bremer, M.N., Combes, F., Fabian, A.C., Nesvadba, N.P.H., O'Dea, C.P., Baum, S.A., Salomé, P., Tremblay, G., Donahue, M., Ferland, G.J. & Sarazin, C.L. 2014, *Cold gas dynamics in Hydra-A: evidence for a rotating disc*, MNRAS, 437, 862
- Sanders, J.S., Fabian, A.C., Hlavacek-Larrondo, J., Russell, H.R., Taylor, G.B., Hofmann, F., Tremblay, G. & Walker, S.A. 2014,

- Feedback, scatter and structure in the core of the PKS 0745-191 galaxy cluster*, MNRAS, 444, 1497
- Russell, H.R., McNamara, B.R., Edge, A.C., Nulsen, P.E.J., Main, R.A., Vantyghem, A.N., Combes, F., Fabian, A.C., Murray, N., Salomé, P., Wilman, R.J., Baum, S.A., Donahue, M., O'Dea, C.P., Oonk, J.B.R., Tremblay, G.R. & Voit, G.M. 2014, *Massive Molecular Gas Flows in the A1664 Brightest Cluster Galaxy*, ApJ, 784, 78
- Koliopanos, F., Gilfanov, M., Bildsten, L. & Trigo, M.D. 2014, *X-ray diagnostics of chemical composition of the accretion disc and donor star in UCXBs - II. XMM-Newton observations*, MNRAS, 442, 2817
- Schartmann, M., Wada, K., Prieto, M.A., Burkert, A. & Tristram, K.R.W. 2014, *Time-resolved infrared emission from radiation-driven central obscuring structures in active galactic nuclei*, MNRAS, 445, 3878
- Urrutia-Viscarra, F., Arnaboldi, M., Mendes de Oliveira, C., Gerhard, O., Torres-Flores, S., Carrasco, E.R. & de Mello, D. 2014, *A census of H α emitters in the intergalactic medium of the NGC 2865 system*, A&A, 569, A97
- Origlia, L., Ferraro, F.R., Fabbri, S., Fusi Pecci, F., Dalessandro, E., Rich, R.M. & Valenti, E. 2014, *An empirical mass-loss law for Population II giants from the Spitzer-IRAC survey of Galactic globular clusters*, A&A, 564, A136
- Massari, D., Mucciarelli, A., Ferraro, F.R., Origlia, L., Rich, R.M., Lanzoni, B., Dalessandro, E., Valenti, E., Ibata, R., Lovisi, L., Bellazzini, M. & Reitzel, D. 2014, *Ceci N'est Pas a Globular Cluster: The Metallicity Distribution of the Stellar System Terzan 5*, ApJ, 795, 22
- Hein Bertelsen, R.P., Kamp, I., Goto, M., van der Plas, G., Thi, W.-F., Waters, L.B.F.M., van den Ancker, M.E., Woitke, P., 2014, *CO vibrational lines in HD 100546. A search for disc asymmetries and the role of fluorescence*, A&A, 561, A102
- Oliva-Altamirano, P., Brough, S., Lidman, C., Couch, W.J., Hopkins, A.M., Colless, M., Taylor, E., Robotham, A.S.G., Gunawardhana, M.L.P., Ponman, T., Baldry, I., Bauer, A.E., Bland-Hawthorn, J., Cluver, M., Cameron, E., Conselice, C.J., Driver, S., Edge, A.C., Graham, A.W., van Kampen, E., Lara-López, M.A., Liske, J., López-Sánchez, A.R., Loveday, J., Mahajan, S., Peacock, J., Phillipps, S., Pimbblet, K.A. & Sharp, R.G. 2014, *Galaxy And Mass Assembly (GAMA): testing galaxy formation models through the most massive galaxies in the Universe*, MNRAS, 440, 762
- Alpaslan, M., Robotham, A.S.G., Driver, S., Norberg, P., Baldry, I., Bauer, A.E., Bland-Hawthorn, J., Brown, M., Cluver, M., Colless, M., Foster, C., Hopkins, A., Van Kampen, E., Kelvin, L., Lara-Lopez, M.A., Liske, J., Lopez-Sanchez, A.R., Loveday, J., McNaught-Roberts, T., Merson, A. & Pimbblet, K. 2014, *Galaxy And Mass Assembly (GAMA): the large-scale structure of galaxies and comparison to mock universes*, MNRAS, 438, 177
- Alpaslan, M., Robotham, A.S.G., Obreschkow, D., Penny, S., Driver, S., Norberg, P., Brough, S., Brown, M., Cluver, M., Holwerda, B., Hopkins, A.M., van Kampen, E., Kelvin, L.S., Lara-Lopez, M.A., Liske, J., Loveday, J., Mahajan, S. & Pimbblet, K. 2014, *Galaxy and Mass Assembly (GAMA): fine filaments of galaxies detected within voids*, MNRAS, 440, L106
- Ilee, J.D., Fairlamb, J., Oudmaijer, R.D., Mendigutía, I., van den Ancker, M.E., Kraus, S. & Wheelwright, H.E. 2014, *Investigating the inner discs of Herbig Ae/Be stars with CO bandhead and Bry emission*, MNRAS, 445, 3723
- Mendigutía, I., Fairlamb, J., Montesinos, B., Oudmaijer, R.D., Najita, J.R., Brittain, S.D. & van den Ancker, M.E. 2014, *Stellar Parameters and Accretion Rate of the Transition Disk Star HD 142527 from X-Shooter*, ApJ, 790, 21
- Vanderbeke, J., West, M.J., De Propriis, R., Peng, E.W., Blakeslee, J.P., Jordán, A., Côté, P., Gregg, M., Ferrarese, L., Takamiya, M. & Baes, M. 2014, *G2C2 - I. Homogeneous photometry for Galactic globular clusters in SDSS passbands*, MNRAS, 437, 1725
- Vanderbeke, J., West, M.J., De Propriis, R., Peng, E.W., Blakeslee, J.P., Jordán, A., Côté, P., Gregg, M., Ferrarese, L., Takamiya, M. & Baes, M. 2014, *G2C2 - II. Integrated colour-metallicity relations for Galactic globular clusters in SDSS passbands*, MNRAS, 437, 1734
- Gardner, E., Debattista, V.P., Robin, A.C., Vázquez, S. & Zoccali, M. 2014, *N-body simulation insights into the X-shaped bulge of the Milky Way: kinematics and distance to the Galactic Centre*, MNRAS, 438, 3275
- Indebetouw, R., Matsuura, M., Dwek, E., Zandaró, G., Barlow, M.J., Baes, M., Bouchet, P., Burrows, D.N., Chevalier, R., Clayton, G.C., Fransson, C., Gaensler, B., Kirshner, R., Lakićević, M., Long, K.S., Lundqvist, P., Martí-Vidal, I., Marcaide, J., McCray, R., Meixner, M., Ng, C.-Y., Park, S., Sonneborn, G., Staveley-Smith, L., Vlahakis, C., van Loon, J., 2014, *Dust Production and Particle Acceleration in Supernova 1987A Revealed with ALMA*, ApJ, 782, L2
- Davies, J.I., Bianchi, S., Baes, M., Bendo, G.J., Clemens, M., De Looze, I., Alighieri, S.d.S., Fritz, J., Fuller, C., Pappalardo, C., Hughes, T.M., Madden, S., Smith, M.W.L., Verstappen, J. & Vlahakis, C. 2014, *The Herschel Virgo Cluster Survey - XVI. A cluster inventory*, MNRAS, 438, 1922
- Baes, M., Herranz, D., Bianchi, S., Ciesla, L., Clemens, M., De Zotti, G., Allaert, F., Auld, R., Bendo, G.J., Boquien, M., Boselli, A., Clements, D.L., Cortese, L., Davies, J.I., De Looze, I., di Serego Alighieri, S., Fritz, J., Gentile, G., González-Nuevo, J., Hughes, T., Smith, M.W.L., Verstappen, J., Viaene, S. & Vlahakis, C. 2014, *The Herschel Virgo Cluster Survey. XV. Planck submillimetre sources in the Virgo Cluster*, A&A, 562, A106
- Smith, D.J.B., Jarvis, M.J., Hardcastle, M.J., Vaccari, M., Bourne, N., Dunne, L., Ibar, E., Maddox, N., Prescott, M., Vlahakis, C., Eales, S., Maddox, S.J., Smith, M.W.L., Valiante, E. & de Zotti, G. 2014, *The temperature dependence of the far-infrared-radio correlation in the Herschel-ATLAS*, MNRAS, 445, 2232
- Sódor, Á., De Cat, P., Wright, D.J., Neiner, C., Briquet, M., Lampens, P., Dukes, R.J., Henry, G.W., Williamson, M.H., Brunsten, E., Pollard, K.R., Cottrell, P.L., Maisonneuve, F., Kilmartin, P.M., Matthews, J., Kallinger, T., Beck, P.G., Kambe, E., Engelbrecht, C.A., Czanik, R.J., Yang, S., Hashimoto, O., Honda, S., Fu, J.N., Castanheira, B., Lehmann, H., Bognár, Z., Behara, N., Scaringi, S., Van Winckel, H., Menu, J., Lobel, A., Mathias, P., Saesen, S., Vučković, M. & MiMeS collaboration, M.c. 2014, *Extensive study of HD 25558, a long-period double-lined binary with two SPB components*, MNRAS, 438, 3535
- Bothwell, M.S., Wagg, J., Ciccone, C., Maiolino, R., Møller, P., Aravena, M., De Breuck, C., Peng, Y., Espada, D., Hodge, J.A., Impellizzeri, C.M.V., Martín, S., Riechers, D. & Walter, F. 2014, *ALLSMOG: an APEX Low-redshift Legacy Survey for MOlecular Gas - I. Molecular gas scaling relations, and the effect of the CO/H $_2$ conversion factor*, MNRAS, 445, 2599
- Williams, R.J., Wagg, J., Maiolino, R., Foster, C., Aravena, M., Wiklind, T., Carilli, C.L., McMahon, R.G., Riechers, D. & Walter, F. 2014, *Constraining the nature of two Ly α emitters detected by ALMA at z = 4.7*, MNRAS, 439, 2096
- Wagg, J., Carilli, C.L., Aravena, M., Cox, P., Lentati, L., Maiolino, R., McMahon, R.G., Riechers, D., Walter, F., Andreani, P., Hills, R. & Wolfe, A. 2014, *Karl G. Jansky Very Large Array Observations of Cold Dust and Molecular Gas in Starbursting Quasar Host Galaxies at z ~ 4.5*, ApJ, 783, 71
- Males, J.R., Close, L.M., Morzinski, K.M., Wahhaj, Z., Liu, M.C., Skemer, A.J., Kopon, D., Follette, K.B., Puglisi, A., Esposito, S., Riccardi, A., Pinna, E., Xompero, M., Briguglio, R., Biller, B.A., Nielsen, E.L., Hinz, P.M., Rodigas, T.J., Hayward, T.L., Chun, M., Ftaclas, C., Toomey, D.W. & Wu, Y.-L., 2014, *Magellan Adaptive Optics First-light Observations of the Exoplanet β Pic B. I. Direct*

- Imaging in the Far-red Optical with MagAO+VisAO and in the Near-ir with NICI*, ApJ, 786, 32
- Nielsen, E.L., Liu, M.C., Wahhaj, Z., Biller, B.A., Hayward, T.L., Males, J.R., Close, L.M., Morzinski, K.M., Skemer, A.J., Kuchner, M.J., Rodigas, T.J., Hinz, P.M., Chun, M., Ftaclas, C. & Toomey, D.W. 2014, *The Gemini NICI Planet-Finding Campaign: The Orbit of the Young Exoplanet β Pictoris b*, ApJ, 794, 158
- Wahhaj, Z., Liu, M.C., Biller, B.A., Nielsen, E.L., Hayward, T.L., Kuchner, M., Close, L.M., Chun, M., Ftaclas, C. & Toomey, D.W. 2014, *The Gemini NICI planet-finding campaign: The offset ring of HR 4796 A*, A&A, 567, A34
- Drew, J.E., Gonzalez-Solares, E., Greimel, R., Irwin, M.J., Küpcü Yoldas, A., Lewis, J., Barentsen, G., Eisloffel, J., Farnhill, H.J., Martin, W.E., Walsh, J.R., Walton, N.A., Mohr-Smith, M., Raddi, R., Sale, S.E., Wright, N.J., Groot, P., Barlow, M.J., Corradi, R.L.M., Drake, J.J., Fabregat, J., Frew, D.J., Gänsicke, B.T., Knigge, C., Mampaso, A., Morris, R.A.H., Naylor, T., Parker, Q.A., Phillipps, S., Ruhland, C., Steeghs, D., Unruh, Y.C., Vink, J.S., Wesson, R. & Zijlstra, A.A. 2014, *The VST Photometric H α Survey of the Southern Galactic Plane and Bulge (VPHAS+)*, MNRAS, 440, 2036
- Wang, K., Zhang, Q., Testi, L., Tak, F.v.d., Wu, Y., Zhang, H., Pillai, T., Wyrowski, F., Carey, S., Ragan, S.E. & Henning, T. 2014, *Hierarchical fragmentation and differential star formation in the Galactic 'Snake': infrared dark cloud G11.11-0.12*, MNRAS, 439, 3275
- Matsuura, M., Yates, J.A., Barlow, M.J., Swinyard, B.M., Royer, P., Cernicharo, J., Decin, L., Wesson, R., Polehampton, E.T., Blommaert, J.A.D.L., Groenewegen, M.A.T., Van de Steene, G.C. & van Hoof, P.A.M. 2014, *Herschel SPIRE and PACS observations of the red supergiant VY CMa: analysis of the molecular line spectra*, MNRAS, 437, 532
- Wright, N.J., Wesson, R., Drew, J.E., Barentsen, G., Barlow, M.J., Walsh, J.R., Zijlstra, A., Drake, J.J., Eisloffel, J. & Farnhill, H.J. 2014, *The ionized nebula surrounding the red supergiant W26 in Westerlund 1*, MNRAS, 437, L1
- Westmoquette, M.S., Bastian, N., Smith, L.J., Seth, A.C., Gallagher, J.S.I., O'Connell, R.W., Ryon, J.E., Silich, S., Mayya, Y.D., Muñoz-Tuñón, C. & Rosa González, D. 2014, *An Optical-Near-IR Study of a Triplet of Super Star Clusters in the Starburst Core of M82*, ApJ, 789, 94
- Muller, S., Combes, F., Guélin, M., Gérin, M., Aalto, S., Beelen, A., Black, J.H., Curran, S.J., Darling, J., V-Trung, D., García-Burillo, S., Henkel, C., Horellou, C., Martín, S., Martí-Vidal, I., Menten, K.M., Murphy, M.T., Ott, J., Wiklind, T. & Zwaan, M.A. 2014, *An ALMA Early Science survey of molecular absorption lines toward PKS 1830-211. Analysis of the absorption profiles*, A&A, 566, A112
- Yan, H., Stefanon, M., Ma, Z., Willner, S.P., Somerville, R., Ashby, M.L.N., Davé, R., Pérez-González, P.G., Cava, A., Wiklind, T., Kocevski, D., Rafelski, M., Kartaltepe, J., Cooray, A., Koekemoer, A.M. & Grogin, N.A. 2014, *Optical-faint, Far-infrared-bright Herschel Sources in the CANDELS Fields: Ultra-luminous Infrared Galaxies at $z > 1$ and the Effect of Source Blending*, ApJS, 213, 2
- Wiklind, T., Conselice, C.J., Dahlen, T., Dickinson, M.E., Ferguson, H.C., Grogin, N.A., Guo, Y., Koekemoer, A.M., Mobasher, B., Mortlock, A., Fontana, A., Davé, R., Yan, H., Acquaviva, V., Ashby, M.L.N., Barro, G., Caputi, K.I., Castellano, M., Dekel, A., Donley, J.L., Fazio, G.G., Giavalisco, M., Grazian, A., Hathi, N.P., Kurczynski, P., Lu, Y., McGrath, E.J., de Mello, D.F., Peth, M., Safarzadeh, M., Stefanon, M. & Targett, T. 2014, *Properties of Submillimeter Galaxies in the CANDELS GOODS-South Field*, ApJ, 785, 111
- Lee, S.-K., Ferguson, H.C., Somerville, R.S., Giavalisco, M. & Wiklind, T., Dahlen, T. 2014, *Steadily Increasing Star Formation Rates in Galaxies Observed at $3 < z < 5$ in the CANDELS/GOODS-S Field*, ApJ, 783, 81
- Williams, C.C., Giavalisco, M., Cassata, P., Tundo, E., Wiklind, T., Guo, Y., Lee, B., Barro, G., Wuyts, S., Bell, E.F., Conselice, C.J., Dekel, A., Faber, S.M., Ferguson, H.C., Grogin, N., Hathi, N., Huang, K.-H., Kocevski, D., Koekemoer, A., Koo, D.C., Ravindranath, S., Salimbeni, S., 2014, *The Progenitors of the Compact Early-type Galaxies at High Redshift*, ApJ, 780, 1
- Aleman, I., Ueta, T., Ladjal, D., Exter, K.M., Kastner, J.H., Montez, R., Tielens, A.G.G.M., Chu, Y.-H., Izumiura, H., McDonald, I., Sahai, R., Siódmiak, N., Szczerba, R., van Hoof, P.A.M., Villaver, E., Vlemmings, W., Wittkowski, M., Zijlstra, A.A., 2014, *Herschel Planetary Nebula Survey (HerPlaNS). First detection of OH+ in planetary nebulae*, A&A, 566, A79
- Ueta, T., Ladjal, D., Exter, K.M., Otsuka, M., Szczerba, R., Siódmiak, N., Aleman, I., van Hoof, P.A.M., Kastner, J.H., Montez, R., McDonald, I., Wittkowski, M., Sandin, C., Ramstedt, S., De Marco, O., Villaver, E., Chu, Y.-H., Vlemmings, W., Izumiura, H., Sahai, R., Lopez, J.A., Balick, B., Zijlstra, A., Tielens, A.G.G.M., Rattray, R.E., Behar, E., Blackman, E.G., Hebden, K., Hora, J.L., Murakawa, K., Nordhaus, J., Nordon, R., Yamamura, I., 2014, *The Herschel Planetary Nebula Survey (HerPlaNS). I. Data overview and analysis demonstration with NGC 6781*, A&A, 565, A36
- Arroyo-Torres, B., Martí-Vidal, I., Marcaide, J.M., Wittkowski, M., Guirado, J.C., Hauschildt, P.H., Quirrenbach, A. & Fabregat, J. 2014, *VLTI/AMBER observations of cold giant stars: atmospheric structures and fundamental parameters*, A&A, 566, A88
- Mennesson, B., Millan-Gabet, R., Serabyn, E., Colavita, M.M., Absil, O., Bryden, G., Wyatt, M., Danchi, W., Defrère, D., Doré, O., Hinz, P., Kuchner, M., Ragland, S., Scott, N., Stapelfeldt, K., Traub, W. & Woillez, J. 2014, *Constraining the Exozodiacal Luminosity Function of Main-sequence Stars: Complete Results from the Keck Nuller Mid-infrared Surveys*, ApJ, 797, 119
- Woillez, J., Wizinowich, P., Akeson, R., Colavita, M., Eisner, J., Millan-Gabet, R., Monnier, J.D., Pott, J.-U., Ragland, S., 2014, *First Faint Dual-field Off-axis Observations in Optical Long Baseline Interferometry*, ApJ, 783, 104
- Lacour, S., Eisenhauer, F., Gillessen, S., Pfuhl, O., Woillez, J., Bonnet, H., Perrin, G., Lazareff, B., Rabien, S., Lapeyrère, V., Clénet, Y., Kervella, P. & Kok, Y. 2014, *Reaching micro-arcsecond astrometry with long baseline optical interferometry. Application to the GRAVITY instrument*, A&A, 567, A75
- Haas, M., Leipski, C., Barthel, P., Wilkes, B.J., Vegetti, S., Busmann, R.S., Willner, S.P., Westhues, C., Ashby, M.L.N., Chini, R., Clements, D.L., Fassnacht, C.D., Horeh, A., Klaas, U., Koopmans, L.V.E., Kuraszekiewicz, J., Lagattuta, D.J., Meisenheimer, K., Stern, D. & Wylezalek, D. 2014, *3C 220.3: A Radio Galaxy Lensing a Submillimeter Galaxy*, ApJ, 790, 46
- Wylezalek, D., Vernet, J., De Breuck, C., Stern, D., Brodwin, M., Galametz, A., Gonzalez, A.H., Jarvis, M., Hatch, N., Seymour, N. & Stanford, S.A. 2014, *The Galaxy Cluster Mid-infrared Luminosity Function at $1.3 < z < 3.2$* , ApJ, 786, 17
- Stanford, S.A., Gonzalez, A.H., Brodwin, M., Gettings, D.P., Eisenhardt, P.R.M., Stern, D. & Wylezalek, D. 2014, *The Massive and Distant Clusters of WISE Survey. II. Initial Spectroscopic Confirmation of $z \sim 1$ Galaxy Clusters Selected from 10,000 deg 2* , ApJS, 213, 25
- Hatch, N.A., Wylezalek, D., Kurk, J.D., Stern, D., De Breuck, C., Jarvis, M.J., Galametz, A., Gonzalez, A.H., Hartley, W.G., Mortlock, A., Seymour, N. & Stevens, J.A. 2014, *Why $z > 1$ radio-loud galaxies are commonly located in protoclusters*, MNRAS, 445, 280
- Yang, B., Keane, J., Meech, K., Owen, T. & Wainscoat, R. 2014, *Multi-wavelength Observations of Comet C/2011 L4 (Pan-STARRS)*, ApJ, 784, L23
- Mattsson, L., De Cia, A., Andersen, A.C. & Zafar, T. 2014, *On the (in)variance of the dust-to-metals ratio in galaxies*, MNRAS, 440, 1562

- de Ugarte Postigo, A., Thöne, C.C., Rowlinson, A., García-Benito, R., Levan, A.J., Gorosabel, J., Goldoni, P., Schulze, S., Zafar, T., Wiersema, K., Sánchez-Ramírez, R., Melandri, A., D'Avanzo, P., Oates, S., D'Elia, V., De Pasquale, M., Krühler, T., van der Horst, A.J., Xu, D., Watson, D., Piranomonte, S., Vergani, S.D., Milvang-Jensen, B., Kaper, L., Malesani, D., Fynbo, J.P.U., Cano, Z., Covino, S., Flores, H., Greiss, S., Hammer, F., Hartoog, O.E., Hellmich, S., Heuser, C., Hjorth, J., Jakobsson, P., Mottola, S., Sparre, M., Sollerman, J., Tagliaferri, G., Tanvir, N.R., Vestergaard, M. & Wijers, R.A.M.J. 2014, *Spectroscopy of the short-hard GRB 130603B. The host galaxy and environment of a compact object merger*, A&A, 563, A62
- Zafar, T., Vladilo, G., Péroux, C., Molaro, P., Centurión, M., D'Odorico, V., Abbas, K. & Popping, A. 2014, *The ESO UVES Advanced Data Products Quasar Sample - IV. On the deficiency of argon in DLA systems*, MNRAS, 445, 2093
- Zafar, T., Centurión, M., Péroux, C., Molaro, P., D'Odorico, V., Vladilo, G. & Popping, A. 2014, *The ESO UVES advanced data products quasar sample - III. Evidence of bimodality in the [N/a] distribution*, MNRAS, 444, 744
- Wang, J., Zhang, Z.-Y., Qiu, J., Shi, Y., Zhang, J. & Fang, M. 2014, *Isotopologues of Dense Gas Tracers in NGC 1068*, ApJ, 796, 57
- Greve, T.R., Leonidaki, I., Xilouris, E.M., Weiß, A., Zhang, Z.-Y., van der Werf, P., Aalto, S., Armus, L., Díaz-Santos, T., Evans, A.S., Fischer, J., Gao, Y., González-Alfonso, E., Harris, A., Henkel, C., Meijerink, R., Naylor, D.A., Smith, H.A., Spaans, M., Stacey, G.J., Veilleux, S., Walter, F., 2014, *Star Formation Relations and CO Spectral Line Energy Distributions across the J-ladder and Redshift*, ApJ, 794, 142
- Muller, S., Black, J.H., Guélin, M., Henkel, C., Combes, F., Gérin, M., Aalto, S., Beelen, A., Darling, J., Horellou, C., Martín, S., Menten, K.M., V-Trung, D. & Zwaan, M.A. 2014, *Detection of chloronium and measurement of the $^{35}\text{Cl}/^{37}\text{Cl}$ isotopic ratio at $z = 0.89$ toward PKS 1830-211*, A&A, 566, L6
- Pracy, M.B., Owers, M.S., Zwaan, M., Couch, W., Kuntschner, H., Croom, S.M. & Sadler, E.M. 2014, *Integral field spectroscopy of two H I-rich E+A galaxies*, MNRAS, 443, 388