



- ▶ **Intro to ESO telescope bibliography (telbib)**
  - What is telbib? Team of curators
- ▶ **FUSE (Fulltext Search tool)**
  - Textmining workflow
- ▶ **telbib backend (1)**
  - Imported metadata and parameters (ADS, ESO/ALMA Science Archives)
  - Curated content
- ▶ **telbib backend (2)**
  - Librarians' search interface & features
- ▶ **telbib frontend**
  - Public search interface, linked records, visualisations



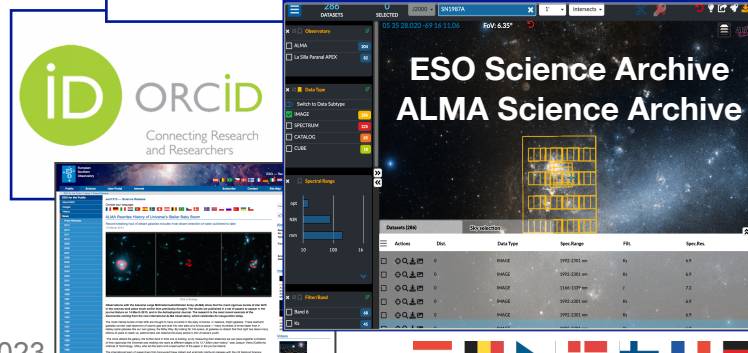
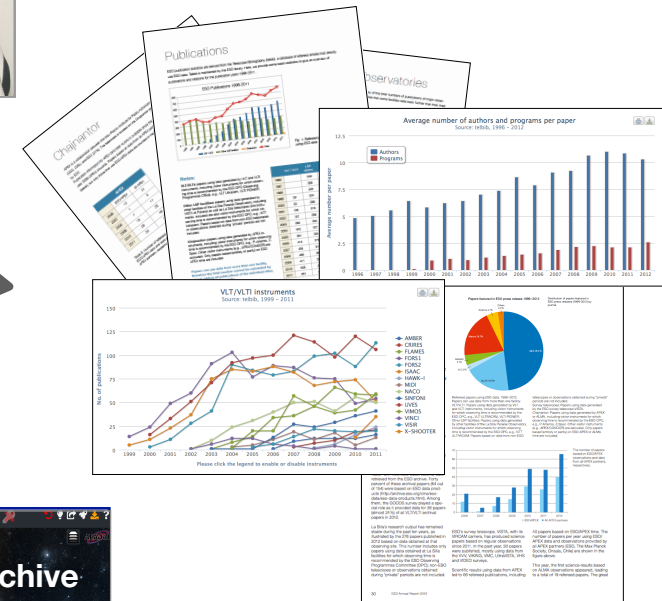
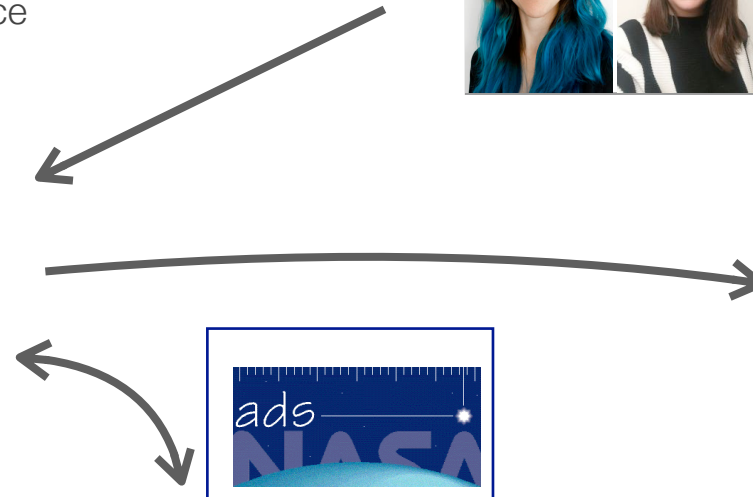
# ESO TELESCOPE BIBLIOGRAPHY

**telbib:** db of refereed papers that use ESO data

- **built and curated** by ESO Librarians
- **interlinks resources:** ESO data papers and the observations in the Science Archive, and to/from other resources
- **tool to evaluate** ESO's performance and impact through bibliometrics



Coding / scripting  
Data ingestion and curation  
Strategic development





# FULLTEXT SEARCH TOOL

Weekly ADS searches (PDF to text)

All papers inspected by curators before inclusion!

Others: Probability of data papers high to low

program IDs / DataDOIs (regular expressions)

ESO facilities, survey names, etc., displayed by priority

"program **2016.1.00406.S** wa  
 "O. ALMA# **2016.1.00406.S** an"  
 "t code: **2013.1.00952.S** ) f"  
 "t code: **2013.1.00952.S** ) a"  
 "t code: **2016.1.00406.S** o"  
 "A), and **094.A-0568** (A). Th"  
 "082(A), **093.A-0110** (A), an"  
 "rograms **092.A-0082** (A), 09"  
 "erived by Wuyts et al. (2016) using the **KMOS** 3D seeing-limited survey data is  
 overlaid, which co"  
 " presented in Figure B1. B.2. Combining **SINFONI** AO and Non-AO Data Sets As  
 mentioned in Section"  
 "entioned in Section 2.2, we combine the **SINFONI** AO and non-AO data into one  
 combo data cube for"  
 "i- constraint i-tting procedure. For the **SINFONI** data, we simultaneously i-t a

fuse  
fulltext search

Queries

- » Insert
- » Queue (6)

Searches

- » Searches
- » Search papers
- » Annual Searches

Admin

- » Journals
- » Displays
- » Stop Words
- » Keywords
- » ADS limit
- » Help

Manuscripts

- » Upload files

Record(s) deleted from database.

**Current Query #4721**

User: automatic  
 Query Date: 2023-01-20 08:52:23  
 Journals Searched: A&A, AJ, ApJ, ApJS, ApJL, AN, EM&P, Icar, MNRAS, Natur, NewA, NewAR, PASP, P&SS, Sci  
 Query Link: [https://ui.adsabs.harvard.edu/#search/q=database:\(...](https://ui.adsabs.harvard.edu/#search/q=database:(...)  
 Dates Searched: 2023-01-19 - 2023-01-27

Notes:  
 Keywordlist: ESO keywords  
 Records Searched: 28  
 Keywords found: 1129  
[View Search Log](#)

Go to: **ALMA papers (8) | Survey papers (4) | ProID papers (6) | Others (10)** Filter: - go

Delete Selected | Delete Data/Hosted/Stair Papers | Delete Shadow | Delete All Records | Fulltext Search | Fulltext arxiv Search | Export Records [- choose -]

ID#	Status	Search	Record/Keyword(s)	Type	LookInside	Online	Debug	Delete
555495		Not Included	<b>2023ApJ...942...98L</b> Liu, Daizhong <b>An 600 pc View of the Strongly Lensed, Massive Main-sequence Galaxy J0901: A Baryon-dominated, Thick Turbulent Rotating Disk with a Clumpy Cold Gas Ring at z = 2.259</b> The Astrophysical Journal, Volume 942, Issue 2, id.98, 22 pp.  <b>Found Keywords:</b> ADS/JAO, ALMA, ESO, European Southern, European Southern Observatory, JAO, KMOS, ProgramID, SINFONI, Southern Observatory, VLT <b>Keyword categories:</b> ALMAProID, ESOProID, ESO instruments, ESO telescopes, Staff, others	ALMAData	555495.txt	Publ. PDF arxiv PDF	debug	<input type="checkbox"/> del



# ESO TELBIB SELECTION CRITERIA:

Papers that

- ▶ partly or exclusively **use ESO data** (proprietary or archival)

→ included

Papers that

- ▶ quote results from literature
- ▶ mention ongoing projects
- ▶ suggest future observations
- ▶ describe instrumentation / software
- ▶ develop models or run simulations merely as examples or for training (e.g., Machine Learning)
- ▶ use images only as visual reference

→ excluded

see [http://www.eso.org/sci/libraries/telbib\\_methodology.html](http://www.eso.org/sci/libraries/telbib_methodology.html)

PDF to text)

P&SS, Sci

All papers inspected by curators before inclusion!

Search | Fulltext arxiv Search | Export Records - choose -

Type	LookInside	Online	Debug	Delete
ALMAData	555495.txt	Publ. PDF arxiv PDF	debug	<input type="checkbox"/> del

nce Galaxy with a Clumpy

ropean Southern tory, VLT SO telescopes,

ies, survey names, etc., priority

(regular expressions)

"A), and **094.A-0568** (A). Th  
 "082(A), **093.A-0110** (A), an"  
 "rograms **092.A-0082** (A), 09"  
 "erived by Wuyts et al. (2016) using the **KMOS** 3D seeing-limited survey data is  
 overlaid, which co"  
 " presented in Figure B1. B.2. Combining **SINFONI** AO and Non-AO Data Sets As  
 mentioned in Section"  
 "entioned in Section 2.2, we combine the **SINFONI** AO and non-AO data into one  
 combo data cube for"  
 "i- constraint i-tting procedure. For the **SINFONI** data, we simultaneously i-t a



# FULLTEXT SEARCH TOOL



## Queries

- » [Insert](#)
- » [Queue \(6\)](#)

## Searches

- » [Searches](#)
- » [Search papers](#)
- » [Annual Searches](#)

## Admin

- » [Journals](#)
- » [Displays](#)
- » [Stop Words](#)
- » [Keywords](#)
- » [ADS limit](#)
- » [Help](#)

## Manuscripts

- » [Upload files](#)

Record(s) deleted from database.

### Current Query #4721

User: automatic  
 Query Date: 2023-01-28 08:32:23  
 Journals Searched: A&A, AJ, ApJ, ApJS, ApJL, AN, EM&P, Icar, MNRAS, Natur, NewA, NewAR, PASP, P&SS, Sci  
 Query Link: [https://ui.adsabs.harvard.edu/#search/q=database:\(...\)](https://ui.adsabs.harvard.edu/#search/q=database:(...))  
 Dates Searched: 2023-01-19 - 2023-01-27  
 Notes:  
 Keywordlist: ESO keywords  
 Records Searched: 28  
 Keywords found: 1129  
[View Search Log](#)

Go to: [ALMA papers \(8\)](#) | [Survey papers \(4\)](#) | [ProID papers \(6\)](#) | [Others \(10\)](#) || Filter:  go

| 
  | 
  | 
  | 
 [Fulltext Search](#) | 
 [Fulltext arxiv Search](#) | 
 Export Records

ID#	Status	Search	Record/Keyword(s)	Type	LookInside	Online	Debug	Delete
555495		<b>Not Included</b>	<b>2023ApJ...942...98L</b> <i>Liu, Daizhong</i> <b>An 600 pc View of the Strongly Lensed, Massive Main-sequence Galaxy J0901: A Baryon-dominated, Thick Turbulent Rotating Disk with a Clumpy Cold Gas Ring at z = 2.259</b> The Astrophysical Journal, Volume 942, Issue 2, id.98, 22 pp.  <b>Found Keywords:</b> ADS/JAO, ALMA, ESO, European Southern, European Southern Observatory, JAO, KMOS, ProgramID, SINFONI, Southern Observatory, VLT <b>Keyword categories:</b> ALMAProID, ESOProID, ESO instruments, ESO telescopes, Staff, others	ALMAData	555495.txt	Publ. PDF arxiv PDF	debug	<input type="checkbox"/> del

Import record into telbib database





# TELBIB BACKEND

Logged in as **ugrothko** (Logout)



## Configuration

### Main Menu

- Home
- New ADS record
- New manual record
- Copy ProIDs
- Search & Modify
- Search multiple BibCodes
- Search multiple ProIDs
- Edit Instruments
- Edit Surveys
- Edit Users
- View Consultations
- Consultation Interface

### Helpful tools

- ProID typos (opc70)
- DB Plausibility checks
- BibCodes in telbib?

### Reference

- ESO Archive DataDOIs
- Observing periods
- Multi-nat. organisations

### Statistics

- Basic Statistics
- Other Observatories
- Science Staff Pub Stats
- All nationalities

### Fulltext Search

- Create FUSE search
- FUSE queries

## New Record Added via ADS

[Click here](#) if you would like to add another BibCode to the telbib database.

**The following record was added successfully:**

**BibCode:** 2023ApJ...942...98L [[View/Edit](#)]

**Title:** An 600 pc View of the Strongly Lensed, Massive Main-sequence Galaxy J0901: A Baryon-dominated, Thick Turbulent Rotating Disk with a Clumpy Cold Gas Ring at  $z = 2.259$

**Author:** Liu, Daizhong

*Source:* API

# EDIT PAPER

## Edit Paper

PaperID: 66491 BibCode: 2023ApJ...942...98L [View ADS](#) | [View telbib](#)

Bibliographic info: ApJ, vol. 942, pp. 98 (01/2023)

DOI: 10.3847/1538-4357/aca46b 10.3847/1538-4357/aca46b

CitationCount: 0 | Reads: | PubDelay: (min) | (med) | (max) day(s)

CitationHistory: 2023-2023

Also data used from:

Title:

An 600 pc View of the Strongly Lensed, Massive Main-sequence Galaxy J0901: A Baryon-dominated, Thick Turbulent Rotating Disk with a Clumpy Cold Gas Ring at  $z = 2.259$

Author(s): ([Add](#) / [Edit](#) / [List](#) / [Delete](#))

1.) Liu, Daizhong; 2.) Schreiber, N. M. Förster; 3.) Valenti, E.; 4.) Lutz, D.; 5.) Price, S. H.; 6.) Lee, L. L.; 7.) Baker, Andrew J.; 8.) Lucertini, F.; 9.) Coogan, R. T.; 10.) Davies, R. I.; 11.) Davies, R. L.; 12.) Herrera-Camus, R.; 13.) Kodama, Tadayuki; 14.) Lee, Minju M.; 15.) Nestor, A.; 16.) Pulsoni, C.; 17.) Renzini, A.; 18.) Sharon, Chelsea E.; 19.) Shimizu, T. T.; 20.) Tacconi, L. J.;

First Author:

Liu, Daizhong

ESO Key :

LTU

Staff

Refereed  PressRelease

Model, Catalog, ML

DataStatus: None

PaperStatus: Pending

ProgramID found

Best source: ProgramID/DOI

Location: --

Facilities:



te: UVES POP (266.D-5655) not

NI (15), ALMA (29), VLT (7), ESO, ADS/JAO (2), JAO (2)

## Metadata from ADS:

- Title
- Bibliographic info
- Authors + affiliations
- Author-assigned keywords
- Citations
- etc.

ProID structure: TP.C-NNNN (all programmes approved before ESO period 105 and non-ESO APEX ProIDs); PPP.AAAA (as of ESO period 105 [Apr. 2020])

[run Archive check](#)

	Data DOI	ProgramID	Mode Part	Type	Instrument	Array	SciVer Survey	Archive Del
1		092.A-0082	vm -	GTO	SINFONI	-----	N -	<input type="checkbox"/> arc? 5
2		093.A-0110	vm -	GTO	SINFONI	-----	N -	<input type="checkbox"/> arc? 4





# EDIT AUTHORS

## Edit Paper

PaperID: 66491 BibCode:  [View ADS](#) | [View telbib](#)

Bibliographic info:  , vol.  , pp.  (  /  )

DOI:

CitationCount: 0 | Reads: | PubDelay : (min) | (med) | (max) day(s)

CitationHistory: 2023-2023

Also data used from:

Title:

An 600 pc View of the Strongly Lensed, Massive Main-sequence Galaxy J0901: A Baryon-dominated, Thick Turbulent Rotating Disk with a Clumpy Cold Gas Ring at z = 2.259

Private Comment (max. 1190 char.):

e.g. 070.A-9007 to be linked to GTO VIMOS VVDS, not SciVer (Marina/Gautier, 27/3/09) | N. Delmotte: UVES POP (266.D-5655) not Archive [unless retrieved from Arc] 24/8/07

### [+] Private Comment Extended

FUSE keywords:

2016.1.00406.S, 2013.1.00952.S, 094.A-0568, 093.A-0110, 092.A-0082, KMOS (1), SINFONI (15), ALMA (29), VLT (7), ESO (3), European Southern (1), European Southern Observatory (1), Southern Observatory (1), ADS/JAO (2), JAO (2)

PressRelease URL:

### [+] Abstract, Keywords, Public Comment

### [+] Consultations

Add Data DOI:  [Add Data DOI](#) use format 10.18727/archive/xx

No Data DOIs used

List of **Programs** (5) | [bulk import ProIDs](#) | bulk **delete** ProIDs: [select all](#) | [deselect all](#)

[run Archive check](#)

ProID structure: TP.C-NNNN (all programmes approved before ESO period 105 and non-ESO APEX ProIDs); PPP.AAAA (as of ESO period 105 [Apr. 2020])

	Data DOI	ProgramID	Mode Part	Type	Instrument	Array	SciVer Survey	Archive Del
1	<input type="text"/>	092.A-0082	vm -	GTO	SINFONI	-----	N -	<input type="checkbox"/> arc? 5
2	<input type="text"/>	093.A-0110	vm -	GTO	SINFONI	-----	N -	<input type="checkbox"/> arc? 4

### Author(s): ([Add](#) / [Edit](#) / [List](#) / [Delete](#))

1.) Liu, Daizhong; 2.) Schreiber, N. M. Förster; 3.) Valenti, E. ; 4.) Lutz, D.; 5.) Price, S. H.; 6.) Lee, L. L.; 7.) Baker, Andrew J.; 8.) Lucertini, F. ; 9.) Coogan, R. T.; 10.) Davies, R. I.; 11.) Davies, R. L.; 12.) Herrera-Camus, R.; 13.) Kodama, Tadayuki; 14.) Lee, Minju M.; 15.) Nestor, A.; 16.) Pulsoni, C.; 17.) Renzini, A.; 18.) Sharon, Chelsea E.; 19.) Shimizu, T. T.; 20.) Tacconi, L. J.;

First Author:

ESO Key :

Staff

Refereed  PressRelease

Model, Catalog, ML

DataStatus:

PaperStatus:

ProgramID found

Best source:

Location:

Facilities:



# EDIT AUTHORS (ADS + CURATED)

## Add/Edit Authors

Update from ADS: **Update Affiliations & ORCIDs** or **update ORCIDs only**

PaperID: 66491

RBE*	Rank	ORCID	Accented Name	Translated Name	Affiliation	Country	ESO Site	Update
1	1		Liu, Daizhong	Liu, Daizhong	Max-Planck-Institut	Germany	Choose ▾	✓
2	2		Schreiber, N. M. F.	Schreiber, N. M. F.	Max-Planck-Institut	Germany	Choose ▾	✓
3	3		Valenti, E.	Valenti, E.	European Southern	ESO	Garching ▾	✓
4	4		Lutz, D.	Lutz, D.	Max-Planck-Institut	Germany	Choose ▾	✓
5	5		Price, S. H.	Price, S. H.	Max-Planck-Institut	Germany USA	Choose ▾	✓
6	6		Lee, L. L.	Lee, L. L.	Max-Planck-Institut	Germany	Choose ▾	✓
7	7		Baker, Andrew J.	Baker, Andrew J.	Department of Phys	South Africa USA	Choose ▾	✓
8	8		Lucertini, F.	Lucertini, F.	European Southern	ESO	Chile ▾	✓
9	9		Coogan, R. T.	Coogan, R. T.	Max-Planck-Institut	Germany	Choose ▾	✓
10	10		Davies, R. I.	Davies, R. I.	Max-Planck-Institut	Germany	Choose ▾	✓
11	11		Davies, R. L.	Davies, R. L.	Centre for Astrophy	Australia	Choose ▾	✓
12	12		Herrera-Camus, R.	Herrera-Camus, R.	Max-Planck-Institut	Germany Chile	Choose ▾	✓
13	13		Kodama, Tadayuki	Kodama, Tadayuki	Astronomical Instit	Japan	Choose ▾	✓
14	14		Lee, Minju M.,	Lee, Minju M.,	Max-Planck-Institut	Germany	Choose ▾	✓
15	15		Nestor, A.	Nestor, A.	School of Physics ai	Israel	Choose ▾	✓
16	16		Pulsoni, C.	Pulsoni, C.	Max-Planck-Institut	Germany	Choose ▾	✓
17	17		Renzini, A.	Renzini, A.	INAF-Osservatorio /	Italy ESA CheckCountry	Choose ▾	✓
18	18		Sharon, Chelsea E	Sharon, Chelsea E	Yale-NUS College, 1	Singapore	Choose ▾	✓
19	19		Shimizu, T. T.	Shimizu, T. T.	Max-Planck-Institut	Germany	Choose ▾	✓
20	20		Tacconi, L. J.	Tacconi, L. J.	Max-Planck-Institut	Germany	Choose ▾	✓
21	21		Tadaki, Ken-ichi	Tadaki, Ken-ichi	National Astronomi	Japan	Choose ▾	✓
22	22		Übler, H.	Ubler, H.	Cavendish Laborato	UK	Choose ▾	✓

\* RBE = Rank Before Edit



# PROIDs (ESO ARCHIVE + CURATED)

[+] Consultations

Add Data DOI:  **Add Data DOI** use format 10.18727/archive/xx

No Data DOIs used

List of **Programs** (5) | **bulk import ProIDs** | bulk **delete** ProIDs: **select all** | **deselect all** **run Archive check**  
ProID structure: TP.C-NNNN (all programmes approved before ESO period 105 and non-ESO APEX ProIDs); PPP.AAAA (as of ESO period 105 [Apr. 2020])

	Data DOI	ProgramID	Mode	Part	Type	Instrument	Array	SciVer	Survey	Archive	Del	
1	<input type="text"/>	092.A-0082	vm	-	GTO	SINFONI	-----	N	-	N		<input type="checkbox"/> arc? 5
2	<input type="text"/>	093.A-0110	vm	-	GTO	SINFONI	-----	N	-	N		<input type="checkbox"/> arc? 4
3	<input type="text"/>	179.A-2005	sm	-	Large	VIRCAM	-----	N	UltraVISTA	N		<input type="checkbox"/> arc? 3
4	<input type="text"/>	2013.1.00952.S	sm	North America	Standard	ALMA_Band_6	-----	N	-	N		<input type="checkbox"/> arc? 4
								<input type="checkbox"/> TP				
								<input type="checkbox"/> 7m				
								<input type="checkbox"/> 12m				
5	<input type="text"/>	2016.1.00406.S	sm	Europe	Standard	ALMA_Band_3	-----	N	-	N		<input type="checkbox"/> arc? 7
								<input type="checkbox"/> TP				
								<input type="checkbox"/> 7m				
								<input checked="" type="checkbox"/> 12m				
								<input type="checkbox"/> TP				
								<input type="checkbox"/> 7m				
								<input type="checkbox"/> 12m				

Additional instruments/telescopes: **Add/Edit**

Author Contacts:

AuthorContacted1

ESOAstronContacted1

Data Management:

EntryDate: Jan 28 2023 7:16PM

Created By: ugrothko

ModifiedDate: Jan 28 2023 7:16PM

Last Modified By:

ADSQueryOK: No

ADSQueryDate:

MadePublicDate: *Not Made Public*

CitationHistory Last Update: Jan 28 2023 07:16PM

## Observation details from ESO + ALMA Science Archives





# PROIDs (ESO ARCHIVE + CURATED)

- IDs, instruments, surveys actually used in paper?
  - VLT data papers: **only ~70% correct + complete proIDs**
  - Other instruments, surveys mentioned w/o ID?
- ESO observations:
- ▶ Science Archive searches
  - ▶ ESO observations: communications w/ authors

[+] Consultations

Add Data DOI:  Add Data DOI

No Data DOIs used

List of **Programs** (5) | **bulk import ProIDs** | bulk **delete** Pr  
 ProID structure: TP.C-NNNN (all programmes approved before ESO)

Data DOI	ProgramID	Mode	Part								
1	092.A-0082	vm	-								
2	093.A-0110	vm	-	GTO	SINFONI	N	-	N	<input type="checkbox"/> arc? 4		
3	179.A-2005	sm	-	Large	VIRCAM	N	UltraVISTA	N	<input type="checkbox"/> arc? 3		
4	2013.1.00952.S	sm	North America	Standard	ALMA_Band_6	N	-	N	<input type="checkbox"/> arc? 4	<input type="checkbox"/> TP <input type="checkbox"/> 7m <input type="checkbox"/> 12m	

ALMA consultancies (separate interface for consultants, i.e., ESO ALMA scientists)

Data DOI / ProID	obs mode	ALMA / APEX partner	obs type	Instruments ALMA: Bands+Array	survey names	archival data
<input type="text"/>	-	Any	-	-	N	-



# ARCHIVAL DATA

[+] Copy

Add D

No Da

List o  
ProID

Date

1

2

3

4

5

Additio

## Check archive

PaperID: 66491, ProgramID: **094.A-0568**, Instrument: **SINFONI**

Author	PI/CoI
Lutz, D.	Lutz
Baker, Andrew J.	Baker
Tacconi, L. J.	Tacconi

Archive: **yes** | no

All Authors	All PI/CoI
Baker, Andrew J.	Baker
Coogan, R. T.	Bandara
Davies, R. I.	F\"orster Schreiber
Davies, R. L.	Genzel
Herrera-Camus, R.	Keeton
Kodama, Tadayuki	Lutz
Lee, L. L.	Tacconi
Lee, Minju M.,	Tagore
<b>Liu, Daizhong</b>	Wisnioski
Lucertini, F.	Wuyts
Lutz, D.	Wuyts
Nestor, A.	
Price, S. H.	
Pulsoni, C.	
Renzini, A.	
Schreiber, N. M. Förster	
Sharon, Chelsea E.	
Shimizu, T. T.	
Tacconi, L. J.	
Tadaki, Ken-ichi	
Valenti, E.	
Übler, H.	

## run Archive check

0 period 105 [Apr. 2020])

SciVer Survey	Archive Del	arc?
N	-	<input type="checkbox"/> arc? 5
N	-	<input type="checkbox"/> arc? 4
N	UltraVISTA	<input type="checkbox"/> arc? 3
		<input type="checkbox"/> arc? 4
N	-	<input type="checkbox"/> arc? 7
N	-	<input type="checkbox"/> arc? 7

Author Contacts:

- AuthorContacted1
- ESOAstronContacted1

Data Management:

EntryDate: Jan 28 2023 7:16PM  
 Created By: ugrothko  
 ModifiedDate: Jan 28 2023 7:16PM  
 Last Modified By:  
 ADSQueryOK: No  
 ADSQueryDate:  
 MadePublicDate: *Not Made Public*  
 CitationHistory Last Update: Jan 28 2023 07:16PM



# HOSTED TELESCOPES

## [+] Consultations

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No Data DOIs used

List of **Programs** (5) | **bulk import ProIDs** | bulk **delete** ProIDs: **select all** | **deselect all**

**run Archive check**

ProID structure: TP.C-NNNN (all programmes approved before ESO period 105 and non-ESO APEX ProIDs); PPP.AAAA (as of ESO period 105 [Apr. 2020])

	Data DOI	ProgramID	Mode	Part	Type	Instrument	Array	SciVer	Survey	Archive	Del		
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2	<input type="text"/>	093.A-0110	vm	-	GTO	SINFONI	-----	N	-	N		<input type="checkbox"/> arc? 4	
3	<input type="text"/>	179.A-2005	sm	-	Large	VIRCAM	-----	N	UltraVISTA	N		<input type="checkbox"/> arc? 3	
4	<input type="text"/>	2013.1.00952.S	sm	North America	Standard	ALMA_Band_6	-----	<input type="checkbox"/> TP <input type="checkbox"/> 7m <input type="checkbox"/> 12m	N	-	N		<input type="checkbox"/> arc? 4
5	<input type="text"/>	2016.1.00406.S	sm	Europe	Standard	ALMA_Band_3	-----	<input type="checkbox"/> TP <input type="checkbox"/> 7m <input checked="" type="checkbox"/> 12m	N	-	N		<input type="checkbox"/> arc? 7
	<input type="text"/>	<input type="text"/>		-	Any	-	-----	<input type="checkbox"/> TP <input type="checkbox"/> 7m <input type="checkbox"/> 12m	N	-	N		<input type="checkbox"/> arc? +

Additional instruments/telescopes: **Add/Edit**

**Save TelBib Paper** **Save & Check Paper** - **Delete Paper** - **Close Window**

Author Contacts:

AuthorContacted1

ESOAstronContacted1

Data Management:

EntryDate: Jan 28 2023 7:16PM

Created By: ugrothko

ModifiedDate: Jan 28 2023 7:16PM

Last Modified By:

ADSQueryOK: No

ADSQueryDate:

MadePublicDate: *Not Made Public*

CitationHistory Last Update: Jan 28 2023 07:16PM



# HOSTED TELESCOPES

- ▶ La Silla/Paranal: paper-level tags, **no links to obs. data**
- ▶ **Hosted Telescopes**: papers not included in ESO stats (unless in combination with ESO data)

3  sm

4  sm

5  sm

12m

Additional instruments/telescopes: Ad

close x

**Select instruments** Save TelBib Paper

<p><b>Archive</b></p> <p><input type="checkbox"/> :Other_Data_Center</p> <p><b>La Silla (not used as of 2021)</b></p> <p><input type="checkbox"/> :B0.6</p> <p><input type="checkbox"/> :CAT</p> <p><input type="checkbox"/> :CES</p> <p><input type="checkbox"/> :Danish0.5</p> <p><input type="checkbox"/> :Danish1.5</p> <p><input type="checkbox"/> :Decomm.Tel.</p> <p><input type="checkbox"/> :Dutch0.9</p> <p><input type="checkbox"/> :E0.5</p> <p><input type="checkbox"/> :E1.0</p> <p><input type="checkbox"/> :E1.5</p> <p><input type="checkbox"/> :E2.2</p>	<p><input type="checkbox"/> :E3.6</p> <p><input type="checkbox"/> :NTT</p> <p><input type="checkbox"/> :SEST</p> <p><input type="checkbox"/> :Schmidt1.0</p> <p><b>Paranal</b></p> <p><input type="checkbox"/> :VLT</p> <p><input type="checkbox"/> :FLAMES</p> <p><input type="checkbox"/> :SPIFFI</p> <p><b>Telescopes_Hosted</b></p> <p><input type="checkbox"/> :BlackGEM_notyetpublic</p> <p><input type="checkbox"/> :Danish1.5_nonESO</p> <p><input type="checkbox"/> :ESO/MPG_2.2m</p> <p><input type="checkbox"/> :GROND</p> <p><input type="checkbox"/> :ESO_1m_non-ESO</p>	<p><input type="checkbox"/> :FIDEOS</p> <p><input type="checkbox"/> :ExTrA_notyetpublic</p> <p><input type="checkbox"/> :MASCARA</p> <p><input type="checkbox"/> :NEOSTEL_notyetpublic</p> <p><input type="checkbox"/> :NGTS</p> <p><input type="checkbox"/> :REM</p> <p><input type="checkbox"/> :SPECULOOS</p> <p><input type="checkbox"/> :Schmidt1.0_nonESO</p> <p><input type="checkbox"/> :LaSilla_QUEST</p> <p><input type="checkbox"/> :SwissEulerTel_CORALIE</p> <p><input type="checkbox"/> :TAROT-S</p> <p><input type="checkbox"/> :TBT_(Test-Bed_Tel)_notyetpublic</p> <p><input type="checkbox"/> :TRAPPIST</p>
--	---	---

Save TelBib Paper

Author Contacts:

AuthorContacted1

ESOAstronContacted1

Data Management:

EntryDate: Jan 28 2023 7:16PM  
 Created By: ugrothko  
 ModifiedDate: Jan 28 2023 7:16PM  
 Last Modified By:  
 ADSQueryOK: No  
 ADSQueryDate:  
 MadePublicDate: *Not Made Public*  
 CitationHistory Last Update: Jan 28 2023 07:16PM

Save TelBib Paper Save & Check Paper - Delete Paper - Close Window

# OTHER TAGS

## ESO authors

First Author:

ESO Key :  
  Staff

## Contact with authors

Author Contacts:

AuthorContacted1 12:56PM  
 2021 5:18PM

ESOAstronContacted1

## Model, Catalog, ML

Refereed  PressRelease

Model, Catalog, ML

## Data management info

Data Management:

EntryDate: Jan 28 2023 7:16PM  
 Created By: ugrothko  
 ModifiedDate: Jan 28 2023 7:16PM  
 Last Modified By:  
 ADSQueryOK: No  
 ADSQueryDate:  
 MadePublicDate: *Not Made Public*  
 CitationHistory Last Update: Jan 28 2023 07:16PM

## Application of ESO data citation policy

ProgramID found

Best source:

Location:

Facilities:



# AUTOMATED "CHECK PAPER"

**Edit Paper**

The current record has been updated.

- ESO Key should be VALE instead of ITR
- "Staff" needs to be checked.
- DataStatus should be PI data
- PaperStatus should be ESO Data
- ALMA Array is missing
- Please assign 'ProgramID'

PaperID: 66497  
 Bibliographic information  
 DOI: 10.3847/1538-4357/66497  
 CitationCount: 0  
 CitationHistory: none  
 Also data used: none

Title: An 600 pc View of the Galaxy NGC 6052 with a Rotating Disk with a ...

Private Comment (max. 119 characters):

e.g. 070.A-9007 to be linked to GTO VIMOS VVDS, not SciVer (Marina/Gautier, 27/3/09) | N. Delmotte: UVES POP (266.D-5655) not Archive [unless retrieved from Arc] 24/8/07

**[+] Private Comment Extended**

FUSE keywords: 2016.1.00406.S, 2013.1.00952.S, 094.A-0568, 093.A-0110, 092.A-0082, KMOS (1), SINFONI (15), ALMA (29), VLT (7), ESO (3), European Southern (1), European Southern Observatory (1), Southern Observatory (1), ADS/JAO (2), JAO (2)

PressRelease URL:

**[+] Abstract, Keywords, Public Comment**

**[+] Consultations**

Add Data DOI:   use format 10.18727/archive/xx

No Data DOIs used

List of Programs (5) | **bulk import ProIDs** | bulk delete ProIDs: **select all** |

**Author(s): (Add/ Edit/ List/ Delete)**  
 1.) Liu, Daizhong; 2.) Schreiber, N. M. Förster; 3.) Valenti, E.; 4.) Lutz, D.; 5.) Price, S. H.; 6.) Lee, L. L.; 7.) Baker, Andrew J.; 8.) Lucertini, F.; 9.) Coogan, R. T.; 10.) Davies, R. I.; 11.) Davies, R. L.; 12.) Herrera-Camus, R.; 13.) Kodama, Tadayuki; 14.) Lee, Minju M.; 15.) Nestor, A.; 16.) Pulsoni, C.; 17.) Renzini, A.; 18.) Sharon, Chelsea E.; 19.) Shimizu, T. T.; 20.) Tacconi, L. J.

First Author:

ESO Key :   Staff

Refereed  PressRelease  
 Model, Catalog, ML

DataStatus:

PaperStatus:

ProgramID found

Best source:

Location:

Facilities:

**Save & Check Paper**

Paper retrievable at telbib.eso.org?  
 Paper counted in ESO stats?

**PaperStatus:**

**Save & Check Paper**



# TELBIB BACKEND: SEARCH INTERFACE

telbib

**Configuration**

**Main Menu**

Home  
[New ADS record](#)  
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[Copy ProIDs](#)  
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[Search multiple ProIDs](#)  
[Edit Instruments](#)  
[Edit Surveys](#)  
[Edit Users](#)  
[View Consultations](#)  
[Consultation Interface](#)

**Helpful tools**

[ProID typos \(opc70\)](#)  
[DB Plausibility checks](#)  
[BibCodes in telbib?](#)

**Reference**

[ESO Archive DataDOIs](#)  
[Observing periods](#)  
[Multi-nat. organisations](#)

**Statistics**

[Basic Statistics](#)  
[Other Observatories](#)  
[Science Staff Pub Stats](#)  
[All nationalities](#)

**Fulltext Search**

[Create FUSE search](#)  
[FUSE queries](#)

**Inactive**

**Search telbib**

BibCode:  PaperID:  DOI:

1st  Author:  Affiliation:  Country:  ESOSite:  ORCID:  all ESO Member States:  [?]

Et al.

Journal:  Volume:  Pages:  ESO Author:

(From) Pub Month/Year:  2018 (To) Pub Month/Year:  2023

Title:  Private Comment (also searches in Private Comment Extended; Private Comment Extended is case sensitive):

FUSE keywords:

Telescope search: [VLT](#) | [VLTi](#) | [APEX](#) | [ALMA](#) | [La Silla](#) Survey search: [all surveys](#) | [VISTA](#) | [VST](#) [\[remove all lines\]](#)

<u>ESO Program:</u>	<u>Mode:</u>	<u>Partner:</u>	<u>Type:</u>	<u>Instrument:</u>	<u>Array:</u>	<u>SciVer:</u>	<u>Survey:</u>	<u>Archive:</u>	<u>ProcLevel:</u>	<u>Provenance:</u>
<input type="text"/>	Any	-	Any	-	-	-	-	-	-	-
					<input type="checkbox"/>					
					TP					
					<input type="checkbox"/>					
					7m					+
					<input type="checkbox"/>					
					12m					

Number of ESO ProgramIDs: >  =

ESO Archive DataDOI:   truncate DataDOI type:

Since  Jan  23  2023  Until (incl.)  Jan  30  2023

<p><u>PaperStatus (or)</u></p> <input type="checkbox"/> ESO Data <input type="checkbox"/> Non-ESO Data <input type="checkbox"/> Hosted/Staff <input type="checkbox"/> Shadow <input type="checkbox"/> Pending	<p><u>DataStatus (or)</u></p> <input type="checkbox"/> PI data <input type="checkbox"/> Archive Only <input type="checkbox"/> Archive + PI <input type="checkbox"/> none	<p><u>Miscellaneous (and)</u></p> <input type="checkbox"/> Staff <input type="checkbox"/> PressRelease <input type="checkbox"/> Model, Catalog, ML	<p><u>Refereed</u></p> <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Both
---	---	--	---

Multitude of parameters





# TELbib BACKEND: DASHBOARD

Logged in as **ugrothko** (Logout)



## Configuration

### Main Menu

- Home
- New ADS record
- New manual record
- Copy ProIDs
- Search & Modify
- Search multiple BibCodes
- Search multiple ProIDs
- Edit Instruments
- Edit Surveys
- Edit Users
- View Consultations
- Consultation Interface

### Helpful tools

- ProID typos (opc70)
- DB Plausibility checks
- BibCodes in telbib?

### Reference

- ESO Archive DataDOIs
- Observing periods
- Multi-nat. organisations

### Statistics

- Basic Statistics
- Other Observatories
- Science Staff Pub Stats
- All nationalities

### Fulltext Search

- Create FUSE search
- FUSE queries

## Search telbib

#	<u>BibCode</u>	[del] [x2]	<u>Author</u>	<u>Title</u>	<u>Year</u>	<u>Citations</u>
1	2020A&A...641A...6P	[del] [x2]	Planck Collaboration	Planck 2018 results. VI. ...	2020	9048
2	2018A&A...616A...1G	[del] [x2]	Gaia Collaboration	Gaia Data Release 2. Summ...	2018	6391
3	2018AJ....156..123A	[del] [x2]	Price-Whelan, A. M.	The Astropy Project: Buil...	2018	4390
4	2021A&A...649A...1G	[del] [x2]	Gaia Collaboration	Gaia Early Data Release 3...	2021	1978
5	2019ApJ...875L...1E	[del] [x2]	Event Horizon Telescope Collaboration	First M87 Event Horizon T...	2019	1945
6	2018MNRAS.475..676S	[del] [x2]	Springel, Volker	First results from the Il...	2018	873
7	2019PASP..131a8002B	[del] [x2]	Bellm, Eric C.	The Zwicky Transient Faci...	2019	830
8	2018ApJS..235...42A	[del] [x2]	Abolfathi, Bela	The Fourteenth Data Relea...	2018	826
9	2019ApJ...875L...6E	[del] [x2]	Event Horizon Telescope Collaboration	First M87 Event Horizon T...	2019	775
10	2020MNRAS.498.1420W	[del] [x2]	Wong, K. C.	H0LiCOW - XIII. A 2.4 per...	2020	736
11	2019ApJ...875L...5E	[del] [x2]	Event Horizon Telescope Collaboration	First M87 Event Horizon T...	2019	729
12	2019ApJ...875L...4E	[del] [x2]	Event Horizon Telescope Collaboration	First M87 Event Horizon T...	2019	699
13	2018Sci...361.1378I	[del] [x2]	IceCube Collaboration	Multimessenger observatio...	2018	678

## Info about result set

### Search Statistics:

Total Records: 12552  
 Citations Total: 277757  
 Average: 22.13  
 Max: 9048  
 Min: 0  
 Median: 10  
 Std. Dev.: 115.6  
 H-index: 150

### DataStatus:

PI data: 3517 (28%)  
 Archive Only: 1214 (9.7%)  
 Archive + PI: 788 (6.3%)  
 none: 7033 (56%)

### Top Instruments:

ALMA\_Band\_6 (1330)  
 ALMA\_Band\_7 (844)  
 ALMA\_Band\_3 (743)  
 MUSE (701)  
 UVES (663)

### Topics ProID:

A	B	C	D
5347	3030	5881	3804

### Top Nationalities:

*First authors only*  
 USA (2892)  
 UK (1475)  
 Germany (1265)  
 Italy (1070)  
 France (820)





# TELbib BACKEND: EXPORT

Logged in as **ugrothko** (Logout)



Configuration

Search telbib

Main Menu

- Home
- New ADS
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- Search &
- Search m
- Search m
- Edit Instr
- Edit Surv
- Edit User
- View Con
- Consultat

Helpful to

- ProID typ
- DB Plausi
- BibCodes

Reference

- ESO Archive DataDOIs
- Observing periods
- Multi-nat. organisations

Statistics

- Basic Statistics
- Other Observatories
- Science Staff Pub Stats
- All nationalities

Fulltext Search

- Create FUSE search
- FUSE queries

Export Format:

Excel

Fields:

- Basic 7 columns**
- BibCode
- DOI
- Citation
- DataAge
- Title

- Journal
- Volume
- Pages
- PubMonth
- PubYear

- Authors
- Affiliations
- Country
- ESOSite
- ORCID
- Programs
- Telescopes
- Surveys
- DataDOIs

- Tags
- ESO Key
- PrivateComment
- Data use other obs
- AuthorContacts
- Impact (*cites/median AJ of same yr*)
- Data Status
- ProID Topic

7	<a href="#">2019PASP..131a8002B</a>	<a href="#">[del]</a> <a href="#">[x2]</a>	Bellm, Eric C.	The Zwicky Transient Faci...	2019	830
8	<a href="#">2018ApJS..235...42A</a>	<a href="#">[del]</a> <a href="#">[x2]</a>	Abolfathi, Bela	The Fourteenth Data Relea...	2018	826
9	<a href="#">2019ApJ...875L...6E</a>	<a href="#">[del]</a> <a href="#">[x2]</a>	Event Horizon Telescope Collaboration	First M87 Event Horizon T...	2019	775
10	<a href="#">2020MNRAS.498.1420W</a>	<a href="#">[del]</a> <a href="#">[x2]</a>	Wong, K. C.	H0LiCOW - XIII. A 2.4 per...	2020	736
11	<a href="#">2019ApJ...875L...5E</a>	<a href="#">[del]</a> <a href="#">[x2]</a>	Event Horizon Telescope Collaboration	First M87 Event Horizon T...	2019	729
12	<a href="#">2019ApJ...875L...4E</a>	<a href="#">[del]</a> <a href="#">[x2]</a>	Event Horizon Telescope Collaboration	First M87 Event Horizon T...	2019	699
13	<a href="#">2018Sci...361.1378I</a>	<a href="#">[del]</a> <a href="#">[x2]</a>	IceCube Collaboration	Multimessenger observatio...	2018	678

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 ALMA\_Band\_3 (743)  
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 UVES (663)

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A	B	C	D
5347	3030	5881	3804

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*First authors only*  
 USA (2892)  
 UK (1475)  
 Germany (1265)  
 Italy (1070)  
 France (820)





# TELBIB BACKEND: REPORTS

Logged in as **ugrothko** (Logout)



Configuration

Search telbib

Main Menu

Home  
New A  
New r  
Copy  
Search  
Search  
Search  
Edit I  
Edit S  
Edit U  
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Statistics

Basic Statistics  
Other Observatories  
Science Staff Pub Stats  
All nationalities

Fulltext Search

Create FUSE search  
FUSE queries

New Search Edit Search Update Export Report Go

Report Type:

File Format:

HTML

- ✓ - Choose -
- Affiliation
- DataStatus
- Impact
- Instrument
- Journal
- Nationality
- Pub Stats by year
- Generic Multireport
- Member States
- Nationality spread

.641A...6P

[del]

Author

[x2]

[x2]

.616A...1G

[del]

[x2]

.56..123A

[del]

[x2]

.649A...1G

[del]

[x2]

9

2019ApJ...875L...6E

[del]

[x2]

Event Horizon Telescope  
Collaboration

10

2020MNRAS.498.1420W

[del]

[x2]

Wong, K. C.

11

2019ApJ...875L...5E

[del]

[x2]

Event Horizon Telescope  
Collaboration

12

2019ApJ...875L...4E

[del]

[x2]

Event Horizon Telescope  
Collaboration

13

2018Sci...361.1378I

[del]

[x2]

IceCube Collaboration

Title

Year

Citations

Search Statistics:

Planck 2018 results. VI. ...

2020

9048

Gaia Data Release 2. Summ...

2018

6391

The Astropy Project: Buil...

2018

4390

Gaia Early Data Release 3...

2021

1978

First M87 Event Horizon T...

2019

1945

First results from the II...

2018

873

The Zwicky Transient Faci...

2019

830

The Fourteenth Data Relea...

2018

826

First M87 Event Horizon T...

2019

775

H0LiCOW - XIII. A 2.4 per...

2020

736

First M87 Event Horizon T...

2019

729

First M87 Event Horizon T...

2019

699

Multimessenger observatio...

2018

678

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ALMA\_Band\_7 (844)  
ALMA\_Band\_3 (743)  
MUSE (701)  
UVES (663)

Topics ProID:

A B C D  
5347 3030 5881 3804

Top Nationalities:

First authors only  
USA (2892)  
UK (1475)  
Germany (1265)  
Italy (1070)  
France (820)



# (SOME) TELBIB PARAMETERS

## ▶ Bibliographic info (from ADS)

- all telbib papers refereed
- **bibcode, article DOI**, citations, article views
- title, publication month + year, journal, vol., pages, author-assigned keywords
- data use by other large observatories (HST, Gemini, Keck, Gemini, Subaru)

## ▶ Authors (from ADS + curators)

- name (accented, translated), **1st author / co-author**, ORCID, affiliation, **country**
- ESO: site (Garching, Chile)

## ▶ Observing programs (from ESO/ALMA Science Archive + curators)

- **program ID, data DOIs**, observing type + mode, ESO survey name
- ESO telescope + **instrument**, hosted telescopes, ALMA project code + array, **ALMA partner**
- **archival y/n (based on author / PI\_Col overlap)**, PI vs. Arc+PI data vs. Arc-only data use

## ▶ Other info (curators)

- ESO Press Release URL
- location + type of reference to ESO (data citation policy)
- details re. communication with authors
- **ESO data paper? (i.e., included in ESO publication stats)**
- **retrievable via telbib frontend?**

# IDENTIFIERS



-ish

From	To	Identifier
ADS	telbib	bibcode (DOIs)
ESO Arc / Obs sched	telbib	ESO program ID / DOIs
ESO Press Releases	telbib	bibcode
telbib	ADS	bibcode (DOIs)
telbib	ESO Arc / Obs sched	ESO program ID / DOIs
telbib	ESO Press Releases	bibcode
telbib	ESO instrument info	https
telbib	Altmetric	DOIs
telbib	authors' ORCID profile	ORCID
anywhere	telbib	API



# TELBIB FRONTEND

European Southern Observatory

## ESO Telescope Bibliography

telbib Statistics | API | Help || Libraries Home | Archive Home | ESO Home

### REFINE SEARCH

**Year**

2023 (86)

2022 (1247)

2021 (1397)

2020 (1305)

2019 (1316)

more...

**Journal**

A&A (9200)

MNRAS (4702)

ApJ (3816)

ApJL (1142)

AJ (868)

more...

**Instrument**

UVES (2577)

FORS2 (1776)

ALMA\_Band\_6 (1732)

ALMA\_Band\_7 (1287)

HARPS (1226)

more...

TELbib SEARCH

All fields   or  and

---

Author

Title / Abstract / Keywords

Journal

Publication year From  To

BibCode/Article DOI

ProgramID

Data Collection DOI

Instrument  +

Telescope  +

Site

The **Telescope Bibliography (telbib)** is maintained by the ESO library. It contains refereed publications that directly use ESO data. ESO's [data citation policy](#) specifies how to acknowledge data in papers. Learn more about the telbib [methodology](#).

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- Find publication and citation info on the [Basic ESO Statistics webpage](#)
- Use the [overview](#) of annual publication statistics to access all telbib papers that pertain to a given year

**Further info:**

Contact the ESO librarians at [library@eso.org](mailto:library@eso.org)

If you use information, plots, or visualizations obtained with telbib, please kindly acknowledge this by indicating **"Source: ESO Telescope Bibliography (telbib), maintained by the ESO Library."**



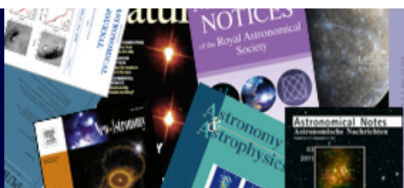




# TEL BIB FRONTEND



European Southern Observatory



## ESO Telescope Bibliography

telbib Statistics | API | Help || Libraries Home | Archive Home | ESO Home

### REFINE SEARCH

NEW SEARCH

EDIT SEARCH

VISUALIZE

EXPORT

- Year**
- 2022 (558)
  - 2021 (614)
  - 2020 (582)
  - 2019 (580)
  - 2018 (600)
- [more...](#)

- Journal**
- A&A (2211)
  - MNRAS (1731)
  - ApJ (1030)
  - ApJL (204)
  - AJ (195)
- [more...](#)

- Instrument**
- UVES (1308)
  - XSHOOTER (879)
  - MUSE (829)
  - FORS2 (816)
  - VIMOS (654)
- [more...](#)

Results 1 - 25 of 5705 found for year:[2013 TO 2022] and (telescope:"VLT")

« Previous Next »

YEAR	AUTHOR	TITLE	INSTRUMENTS	ACCESS TO DATA	FULLTEXT ADS
2022	Acebron, A. et al.	New strong lensing modelling of SDSS J2222+2745 enhanced with VLT/MUSE spectroscopy	MUSE	0103.A-0554	2022A&A...668A.142A
2022	D'Orazi, Valentina et al.	The Complex Behaviour of s-Process Element Abundances at Young Ages	FLAMES, UVES	188.B-3002, 193.B-0936	2022Univ...8...110D
2022	Magrini, Laura et al.	The Abundance of S-Process Elements: Temporal and Spatial Trends from Open Cluster Observations	FLAMES, GIRAFFE, UVES	188.B-3002, 193.B-0936, 197.B-1074	2022Univ...8...64M
2022	Fragkou, Vasiliki et al.	Further Studies of the Association of Planetary Nebula BMP J16135406 with Galactic Open Cluster NGC 6067	FORS2, OMEGACAM, XSHOOTER	0103.D-0093, 177.D-3023, 287.D-5064	2022Galax..10...44F
2022	Grouffal, S. et al.	Rossiter-McLaughlin detection of the 9-month period transiting exoplanet HIP41378 d	ESPRESSO	105.20G0, 109.237H	2022A&A...668A.172G
2022	Tang, Yimeng et al.	Unveiling the formation of NGC 2915 with MUSE: A counter-rotating stellar disk embedded in a disordered gaseous environment	MUSE	094.B-0745	2022A&A...668A.179T
2022	Kuncarayakti, H. et al.	Late-time H/He-poor Circumstellar Interaction in the Type Ic Supernova SN 2021ocs: An Exposed Oxygen-Magnesium Layer and Extreme Stripping of the Progenitor	FORS2	108.2282	2022ApJ...941L..32K



DETAILED INFORMATION

Author(s) [Pian, E.](#) ; [D'Avanzo, P.](#) ; [Benetti, S.](#); [Branchesi, M.](#); [Brocato, E.](#); [Campana, S.](#); [Cappellaro, E.](#); [Covino, S.](#); [D'Elia, V.](#); [Fynbo, J. P. U.](#); [Getman, F.](#); [Ghirlanda, G.](#); [Ghisellini, G.](#); [Grado, A.](#); [Greco, G.](#); [Hjorth, J.](#); [Kouveliotou, C.](#); [Levan, A.](#); [Limatola, L.](#); [Malesani, D.](#)

[show all authors](#)

Title **Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger**

Keywords [Astrophysics - High Energy Astrophysical Phenomena](#)

Abstract [show abstract](#)

Publication details [Nature, 2017, vol. 551, p. 67](#)

BibCode [2017Natur.551...67P](#)

Fulltext (via ADS) [ADS](#)

DOI [10.1038/nature24298](#)

Citations (from ADS) 58 53

Further information <http://www.eso.org/public/news/eso1733/> (Press Release)

**Instruments and Observing Programmes used:**

- FORS2 (VLT / Paranal)
  - [099.D-0382](#) (access to raw data)
  - [099.D-0622](#) (access to raw data)
- OMEGACAM (VST / Paranal)
  - [099.D-0191](#) (access to raw data)
- XSHOOTER (VLT / Paranal)
  - [099.D-0382](#) (access to raw data)
  - [099.D-0622](#) (access to raw data)

Hosted facilities [REM](#)

Other tags [PI data](#)

**DETAILED INFORMATION**

**Author(s)** Pian, E. ; D'Avanzo, P. ; Benetti, S.; Branchesi, M.; Brocato, F.; Campana, S.; Cappellari, M.; Elia, V.; Fynbo, J. P. U.; Getman, F.; Ghirlanda, G.; Ghisellini, G.; Hjorth, J.; Kouveliotou, C.; Levan, A.; Limatola, L.; Male **ORCID** [show all authors](#)

**Title** Spectroscopic identification of r-process nucleosynthesis in a double neutron-star merger

**Keywords** Astrophysics - High Energy Astrophysical Phenomena

**Abstract** [show abstract](#)

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**Fulltext (via ADS)** [fulltext](#)

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**Citations (from ADS)** 58 53 [altmetric.com](http://altmetric.com)

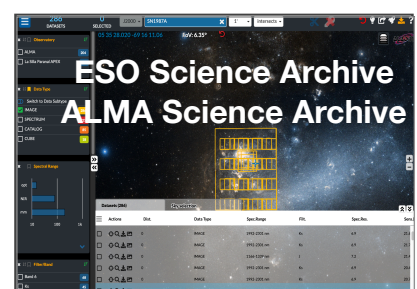
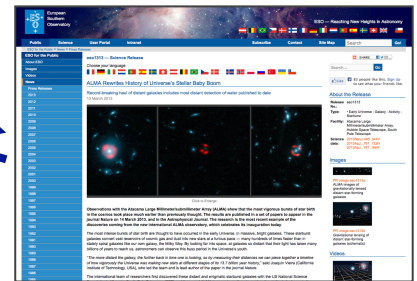
**Further information** <http://www.eso.org/public/news/eso1733/> (Press Release) **ESO PR**

**Instruments and Observing Programmes used:**

- FORS2 (VLT / Paranal)
  - [099.D-0382](#) (access to raw data)
  - [099.D-0622](#) (access to raw data)
- OMEGACAM (VST / Paranal)
  - [099.D-0191](#) (access to raw data)
- XSHOOTER (VLT / Paranal)
  - [099.D-0382](#) (access to raw data)
  - [099.D-0622](#) (access to raw data)

**Hosted facilities** REM

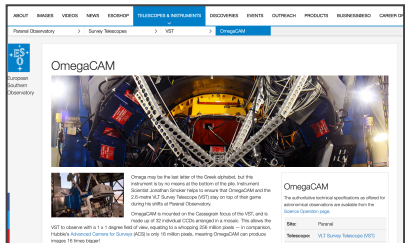
**Other tags** PI data



article DOI



instrument info



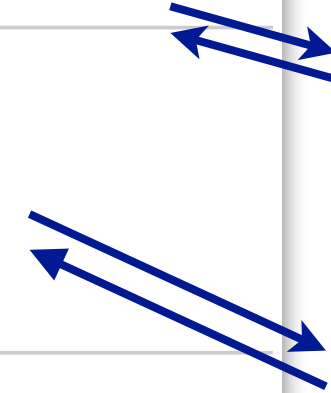
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- Year**
- 2022 (558)
  - 2021 (614)
  - 2020 (582)
  - 2019 (580)
  - 2018 (600)
- [more...](#)

- Journal**
- A&A (2211)
  - MNRAS (1731)
  - ApJ (1030)
  - ApJL (204)
  - AJ (195)
- [more...](#)

- Instrument**
- UVES (1308)
  - XSHOOTER (879)
  - MUSE (829)
  - FORS2 (816)
  - VIMOS (654)
- [more...](#)

Results 1 - 25 of 5705 found for year:[2013 TO 2022] and (telescope:"VLT"

YEAR	AUTHOR	TITLE
2022	Acebron, A. et al.	New strong lensing modelling of SDSS... enhanced with VLT/MUSE spectroscopy
2022	D'Orazi, Valentina et al.	The Complex Behaviour of s-Process El... Abundances at Young Ages
2022	Magrini, Laura et al.	The Abundance of S-Process Elements... and Spatial Trends from Open Cluster O...
2022	Fragkou, Vasiliki et al.	Further Studies of the Association of Pla... Nebula BMP J16135406 with Galactic C... NGC 6067
2022	Grouffal, S. et al.	Rossiter-McLaughlin detection of the 9-month... period transiting exoplanet HIP41378 d
2022	Tang, Yimeng et al.	Unveiling the formation of NGC 2915 with MUSE: A... counter-rotating stellar disk embedded in a... disordered gaseous environment
2022	Kuncarayakti, H. et al.	Late-time H/He-poor Circumstellar Interaction in the... Type Ic Supernova SN 2021ocs: An Exposed... Oxygen-Magnesium Layer and Extreme Stripping of... the Precipitation

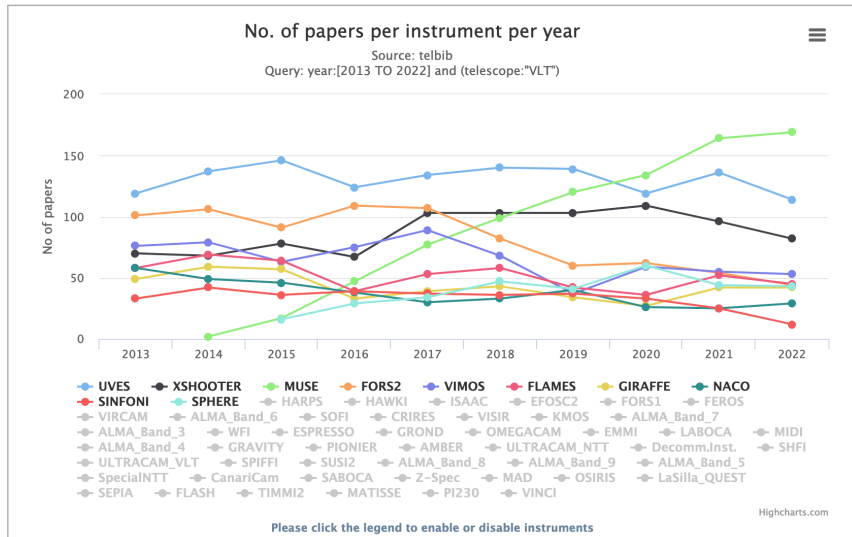
Charts are created on-the-fly for the results list

- » No. of papers per year
- » No. of papers per journal
- » No. of papers per instrument
- » No. of papers per instrument per year
- » Archive data usage
- » Archive data usage per year



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## No. papers per instrument per year

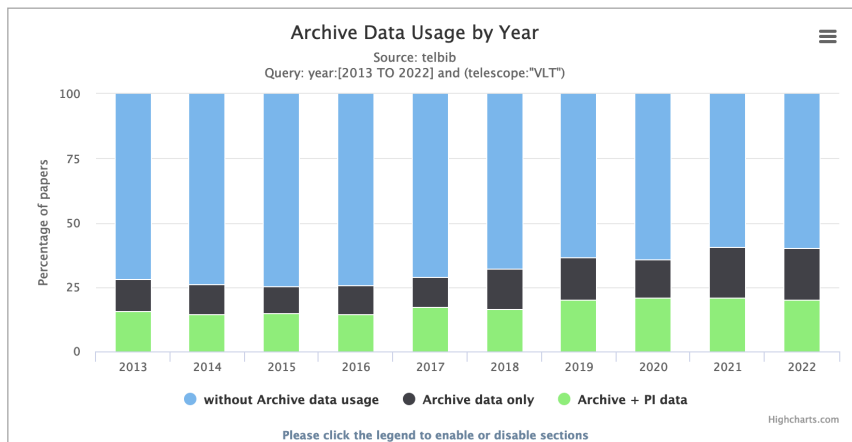


- ▶ All charts **interactive** (Highcharts.com)
- ▶ Export as **image, csv, xls**

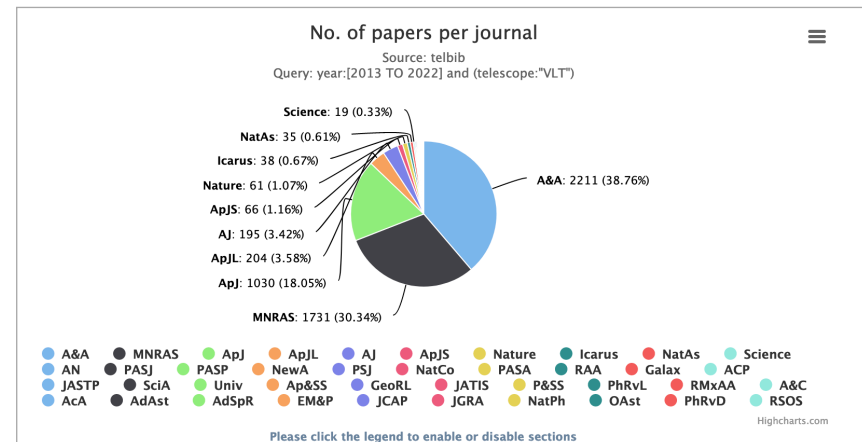
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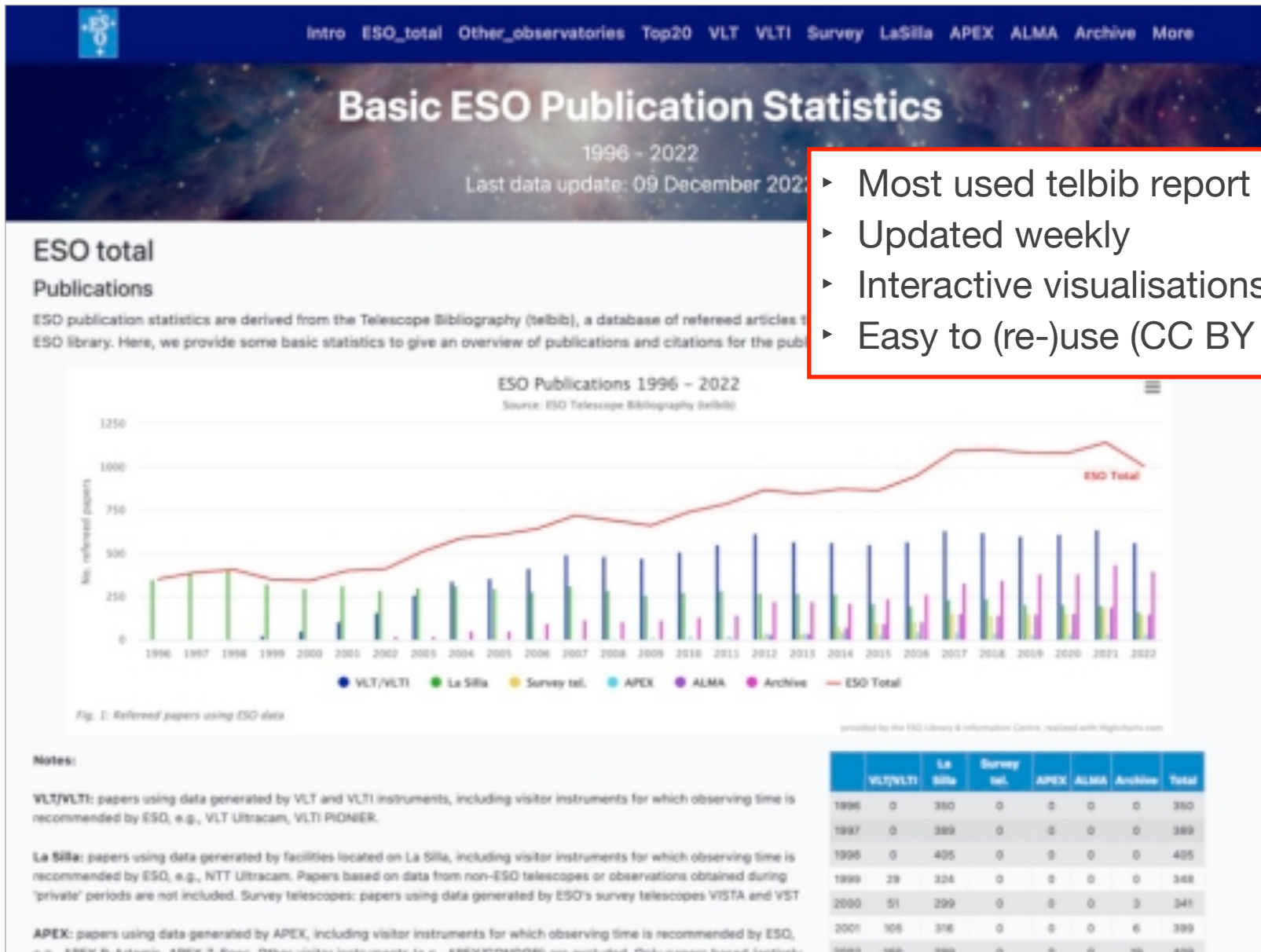
## Fraction of archival papers



## No. papers per journal



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