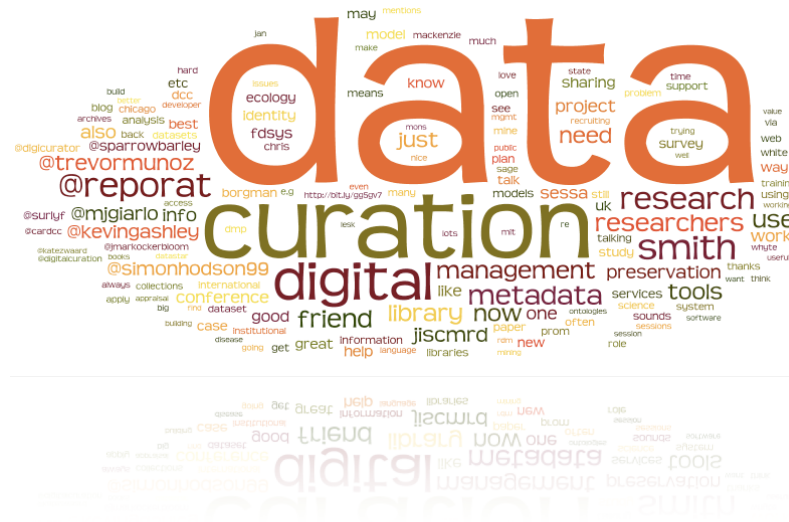


ESO Library **Fulltext Search** (FUSE) and **Telescope Bibliography** (telbib)

A walk-through for ESO's AI interest group



Uta Grothkopf, Silvia Meakins, Nathalia Escarlante, Leslie Kiefer

ESO Library, Documentation, and Information Services department

ESO AI interest group | Online meeting | 21 April 2023



AGENDA

- ▶ **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



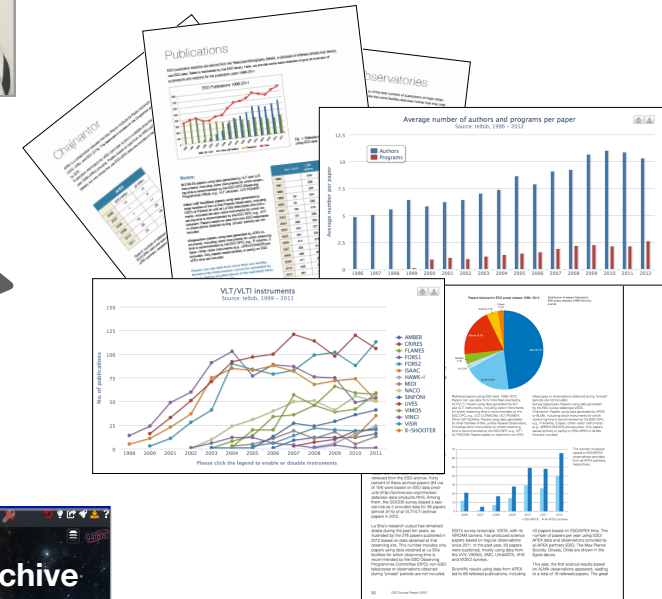
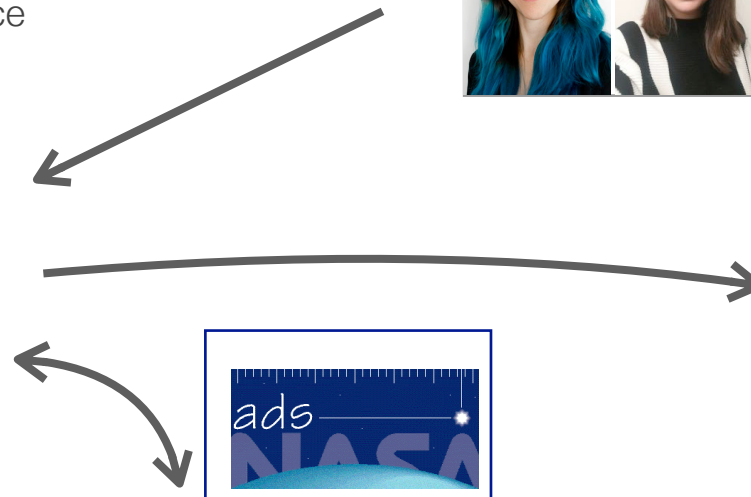
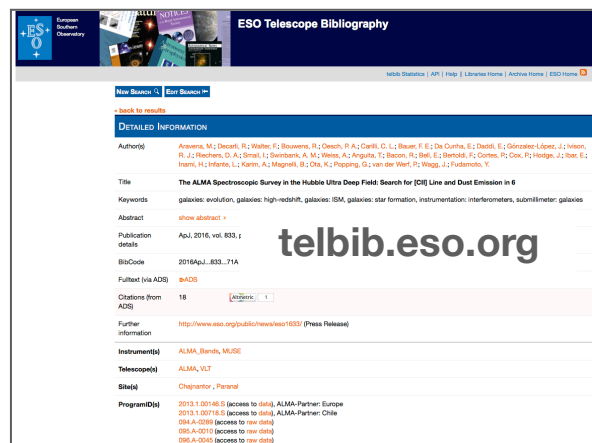
ESO TELESCOPE BIBLIOGRAPHY

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)

fuse
fulltext search

Queries

» Insert

» Queue (6)

Searches

» Searches

» Search papers

» Annual Searches

Admin

» Journals

» Displays

» Stop Words

» Keywords

» ADS limit

» Help

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» Upload files

Record(s) deleted from database.

Current Query #4721

User: automatic

Query Date: 2023-01-20 00:52:23

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/Staff 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	2023ApJ...942...98L <i>Liu, Daizhong</i> 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 The Astrophysical Journal, Volume 942, Issue 2, id.98, 22 pp. Found Keywords: ADS/JAO, ALMA, ESO, European Southern, European Southern Observatory, JAO, KMOS, ProgramID, SINFONI, Southern Observatory, VLT Keyword categories: ALMAProID, ESOProID, ESO instruments, ESO telescopes, Staff, others "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	ALMAData	555495.txt	Publ. PDF arxiv PDF	debug	☐ del



FULLTEXT SEARCH TOOL

fuse

fulltext search

Queries

» Insert

» Queue (13)

Searches

» Searches

» Search papers

» Annual Searches

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» Journals

» Displays

» Stop Words

» Keywords

» ADS limit

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Fulltext Keyword Lists

Add/Edit Keyword List

Name

ESO keywords

save

 or [Back to Keywords](#)

* Search is case sensitive.

Keywords

☒ 1.1THz

☒ 2.2ESO

☒ 4LGSF

☒ 4MOST

☒ ADHOC

☒ ADS/JAO

☒ ALMA

☒ ALMA Calibrator

☒ ALMA calibrator

☒ AMAZE

☒ AMBER

☒ AMBRE

☒ APEX

☒ artemis

☒ Artemis

☒ ARTEMIS

☒ ATLAS

☒ ATLASGAL

☒ BlackGEM

☒ CanariCam

☒ Canaricam

☒ Chajnantor

☒ CHAMP

☒ CONCERTO

☒ CONDOR

☒ CONICA

☒ CORALIE

☒ Coralie

☒ CRIRES

☒ CUBES

☒ Danish

☒ DFOSC

☒ EFOSC

☒ FORS

☒ FORS2-SPEC

☐ FP7

☒ GaBoDS

☒ Gaia-ESO

☒ GaiaESO

☒ GALACSI

☒ GALACTICNUCLEUS

☒ GASP

☒ GCAV

☒ GHostS

☒ GhostS

☒ GIRAFFE

☒ Giraffe

☒ GMASS

☒ GOODS

☒ GRAVITY

☒ GRAVITY

☒ GROND

☒ GW170817

☐ H2020

☒ HARPS

☒ Harps

☒ HAWK-I

☒ Hawk-I

☒ HAWKI

☐ Horizon

☐ Horizon 2020

☐ Horizon2020

☒ HUGS

☒ INSPIRE

☒ ISAAC

☒ JAO

☐ MSCA

☐ MSCA-IF

☒ MUSE

☒ MW-BULGE

☒ NACO

☒ NaCo

☒ NAOS

☒ NaosConica

☒ NEOSTEL

☒ nFLASH

☒ NGTS

☒ NIRPS

☒ NTT

☒ OmegaCAM

☒ omegacam

☒ OMEGACAM

☒ omegacam

☒ Organization for Astronomical

☒ OSIRIS

☒ P-ARTEMIS

☒ P-artemis

☒ Paranal

☒ PESSTO

☒ PHANGS

☒ PI230

☒ PIONIER

☒ Pionier

☒ QUEST

☒ REM

☒ Request ID

☒ request ID

☒ request id

☒ Request number

☒ Swedish ESO

☒ Swiss

☒ TAROT

☒ TBT

☒ Test-Bed Telescope

☒ TIMMI

☒ TRAPPIST

☒ Trappist

☒ Ultra-VISTA

☒ ULTRACAM

☒ Ultracam

☒ UltraVISTA

☒ ULTRAVISTA

☒ ULTRAVISTA+

☒ UVES

☒ Uves

☒ UVES-POP

☒ VANDELS

☒ VEGAS

☒ VEILS

☒ Very Large Telescope

☒ VEXAS

☒ VHS

☒ VIDEO

☒ VIKING

☒ VIMOS

☒ VINCI

☒ VINROUGE

☒ VIPERS

☒ VIRCAM

☒ VISIONS

☒ VISIR

☒ VISTA

keyword searches + program IDs / DataDOIs

(regular expressions)



FULLTEXT SEARCH TOOL


fulltext search

Queries 

- » **Insert**
- » **Queue** (13)

Searches 

- » **Searches**
- » **Search papers**
- » **Annual Searches**

Admin 

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

Manuscripts 

- » **Upload files**

Fulltext Keyword Lists

-   ESO keywords
-   ADS Fulltext Search Keywords
-   ERC, Marie Curie grants
- + Add New Keyword List**
- + Manage Keywords**

Keyword Categories

- ESO instruments
- APEX instruments
- Surveys
- ESO telescopes
- Hosted telescopes
- Staff
- others

Keyword Priorities

- 1=high
- 2=moderate
- 3=low
- If only one keyword with Priority 3 is found in a record, the record is deleted automatically.



FULLTEXT SEARCH TOOL

Weekly ADS searches (PDF to text)

All papers inspected by curators before inclusion!

Others: Probability of data papers high to low

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

program IDs / DataDOIs

fuse
fulltext search

Queries

- » Insert
- » Queue (6)

Searches

- » Searches
- » Search papers
- » Annual Searches

Admin

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- » Displays
- » Stop Words
- » Keywords
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Record(s) deleted from database.

Current Query #4721

User: automatic
Query Date: 2023-01-20 00:52:23
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
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ID#	Status	Search	Record/Keyword(s)	Type	LookInside	Online	Debug	Delete
555495		Not Included	2023ApJ...942...98L Liu, Daizhong 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 The Astrophysical Journal, Volume 942, Issue 2, id.98, 22 pp. Found Keywords: ADS/JAO, ALMA, ESO, European Southern, European Southern Observatory, JAO, KMOS, ProgramID, SINFONI, Southern Observatory, VLT Keyword categories: ALMAProID, ESOProID, ESO instruments, ESO telescopes, Staff, others	ALMAData	555495.txt	Publ. PDF arxiv PDF	debug	☐ del

"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"
"ograms **092.A-0082** (A), 09"
"erived by Wuyts et al. (2016) using the **KMOS** 3D seeing-limited survey data is
"overhead, 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

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

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
ALMADData	555495.txt	Publ. PDF arxiv PDF	debug	☐ del

ance Galaxy
with a Clumpy

ropean Southern
tory, VLT
ESO 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
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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
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[Delete Selected](#) | [Delete Data/Hosted/Staff Papers](#) | [Delete Shadow](#) | [Delete All Records](#) | [Fulltext Search](#) | [Fulltext arxiv Search](#) | [Export Records](#) - choose -

ID#	Status	Record/Keyword(s)	Type	LookInside	Online	Debug	Delete
555495	Not Included	2023ApJ...942...98L Liu, Daizhong 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 $z = 2.259$ The Astrophysical Journal, Volume 942, Issue 2, id.98, 22 pp. Found Keywords: ADS/JAO, ALMA, ESO, European Southern, European Southern Observatory, JAO, KMOS, ProgramID, SINFONI, Southern Observatory, VLT Keyword categories: ALMAProID, ESOProID, ESO instruments, ESO telescopes, Staff, others "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	ALMAData	555495.txt	Publ. PDF arxiv PDF	debug	☐ 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 succesfully:

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

ESO AI interest group: telbib project | April 2023



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](#))

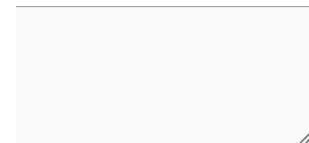
1.) Liu, Daizhong; 2.) Schreiber, N. M. Förster; 3.) Valenti, E.; 4.) Lutz, D.; 5.) Price, S. H.; 6.) Lee, L. L.; 7.) Baker, Andrew J.; 8.) Lucertini, F.; 9.) Coogan, R. T.; 10.) Davies, R. I.; 11.) Davies, R. L.; 12.) Herrera-Camus, R.; 13.) Kodama, Tadayuki; 14.) Lee, Minju M.; 15.) Nestor, A.; 16.)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

First Author:

Liu, Daizhong

Metadata from ADS:

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



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

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

ESO Key :

LTU

☐ Staff

☒ Refereed ☐ PressRelease

☐ Model, Catalog, ML

DataStatus: None

PaperStatus: Pending

ProgramID found

Best source: ProgramID/DOI

Location: --

Facilities: ☐

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	-	N	☐ arc? 5
2		093.A-0110	vm	-	GTO	SINFONI	-----	N	-	N	☐ arc? 4



EDIT AUTHORS

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 $z = 2.259$

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		092.A-0082	vm	-	GTO	SINFONI	-----	N	-	N		☐ arc? 5
2		093.A-0110	vm	-	GTO	SINFONI	-----	N	-	N		☐ 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:

Liu, Daizhong

ESO Key :

LTU

☐ 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 Astroph	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.	Übler, 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		092.A-0082	vm	-	GTO	SINFONI	-----	N	-	N		☐ arc? 5
2		093.A-0110	vm	-	GTO	SINFONI	-----	N	-	N		☐ arc? 4
3		179.A-2005	sm	-	Large	VIRCAM	-----	N	UltraVISTA	N		☐ arc? 3
4		2013.1.00952.S	sm	North America	Standard	ALMA_Band_6	☐ TP ☐ 7m ☐ 12m	N	-	N		☐ arc? 4
5		2016.1.00406.S	sm	Europe	Standard	ALMA_Band_3	☐ TP ☐ 7m ☒ 12m	N	-	N		☐ arc? 7
				-	Any	-	☐ TP ☐ 7m ☐ 12m	N	-	N		+

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)

[+] Consultations

Add Data DOI: Add Data DOI

No Data DOIs used

List of **Programs** (5) | **bulk import ProIDs** | bulk **delete** Pro
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	☐ arc?	4	
3		179.A-2005	sm	-	Large	VIRCAM	N	UltraVISTA	N	☐ arc?	3	
4		2013.1.00952.S	sm	North America	Standard	ALMA_Band_6	☐ TP ☐ 7m ☐ 12m	N	-	N	☐ arc?	4

- 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

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

		-	Any	-	☒ 12m ☐ TP ☐ 7m ☐ 12m	N	-	N	+
Data DOI / ProID	obs mode	ALMA / APEX partner	obs type	Instruments ALMA: Bands+Array	survey names	archival data			

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
Liu, Daizhong	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

O period 105 [Apr. 2020])

SciVer Survey	Archive Del
N - N	☐ arc? 5
N - N	☐ arc? 4
N UltraVISTA N	☐ arc? 3
	☐ arc? 4
N - N	☐ arc? 7
N - N	

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

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

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2		093.A-0110	vm	-	GTO	SINFONI	-----	N	-	N		arc? 4
3		179.A-2005	sm	-	Large	VIRCAM	-----	N	UltraVISTA	N		arc? 3
4		2013.1.00952.S	sm	North America	Standard	ALMA_Band_6	☐ TP ☐ 7m ☐ 12m	N	-	N		arc? 4
5		2016.1.00406.S	sm	Europe	Standard	ALMA_Band_3	☐ TP ☐ 7m ☒ 12m	N	-	N		arc? 7
				-	Any	-	☐ TP ☐ 7m ☐ 12m	N	-	N		+

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

Additional instruments/telescopes: Add

close x

Save TelBib Paper

Select instruments

Archive

☐ :Other_Data_Center

La Silla (not used as of 2021)

☐ :B0.6

☐ :CAT

☐ :CES

☐ :Danish0.5

☐ :Danish1.5

☐ :Decomm.Tel.

☐ :Dutch0.9

☐ :E0.5

☐ :E1.0

☐ :E1.5

☐ :E2.2

☐ :E3.6

☐ :NTT

☐ :SEST

☐ :Schmidt1.0

Paranal

☐ :VLT

☐ :FLAMES

☐ :SPIFFI

Telescopes_Hosted

☐ :BlackGEM_notyetpublic

☐ :Danish1.5_nonESO

☐ :ESO/MPG_2.2m

☐ :GROND

☐ :ESO_1m_non-ESO

☐ :FIDEOS

☐ :ExTrA_notyetpublic

☐ :MASCARA

☐ :NEOSTEL_notyetpublic

☐ :NGTS

☐ :REM

☐ :SPECULOOS

☐ :Schmidt1.0_nonESO

☐ :LaSilla_QUEST

☐ :SwissEulerTel_CORALIE

☐ :TAROT-S

☐ :TBT_(Test-Bed_Tel)_notyetpublic

☐ :TRAPPIST

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:

Liu, Daizhong

ESO Key :

VALE



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: ProgramID/DOI incompl. ▾

Location: Acknowledgements ▾

Facilities: ☐

AUTOMATED “CHECK PAPER”

Edit Paper

The current record has been updated.

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

PaperID: 6649

Bibliographic information

DOI: 10.3847/1538-4357.122.1.1

CitationCount: 1

CitationHistory: 1

Also data used: 1

Title: An 600 pc View of the Galactic Center 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: 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: Liu, Daizhong

ESO Key : ☒ Staff

☒ Refereed ☐ PressRelease

☐ Model, Catalog, ML

DataStatus:

PaperStatus:

ProgramID found

Best source:

Location:

Facilities: ☐

Paper retrievable at telbib.eso.org?

Paper counted in ESO stats?

PaperStatus: ESO Data

Save & Check Paper

run Archive check



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telbib

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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](#) [\[remove all lines\]](#)

ESO Program: Mode: Partner: Type: Instrument: Array: SciVer: Survey: Archive: ProcLevel: Provenance:

☐ TP
☐ 7m
☐ 12m

Number of ESO ProgramIDs: > =

ESO Archive DataDOI: ☐ truncate DataDOI type:

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

PaperStatus (or)
☐ ESO Data
☐ Non-ESO Data
☐ Hosted/Staff
☐ Shadow
☐ Pending

DataStatus (or)
☐ PI data
☐ Archive Only
☐ Archive + PI
☐ none

Miscellaneous (and)
☐ Staff
☐ PressRelease
☐ Model, Catalog, ML

Refereed
☐ Yes
☐ No
☒ Both

Multitude of parameters



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	#	<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)



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☒ 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

Search Statistics:

Total Records: 12552
Observations Total: 277757
Average: 22.13
Max: 9048
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Index: 150

DataStatus:

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Report Type:

File Format:

HTML

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

[del]
[x2]

[Author](#)

.641A...6P

[del]
[x2]

Planck Collabor

.616A...1G

[del]
[x2]

Gaia Collaborat

.56..123A

[del]
[x2]

Price-Whelan, A

.649A...1G

[del]
[x2]

Gaia Collaborat

9 2019ApJ...875L...6E

[del]
[x2]

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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](#) ▼

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ALMA_Band_3 (743)
MUSE (701)
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)



(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



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

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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)
FOR2 (1776)
ALMA_Band_6 (1732)
ALMA_Band_7 (1287)
HARPS (1226)
[more...](#)

TELBIB SEARCH

All fields ☒ or ☐ and

Author

Title / Abstract / Keywords

Journal

Any

Publication year

From To

BibCode/Article DOI

ProgramID

Data Collection DOI

Instrument

Any +

Telescope

Any +

Site

Any

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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.

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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

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

Instruments and Observing Programmes used:

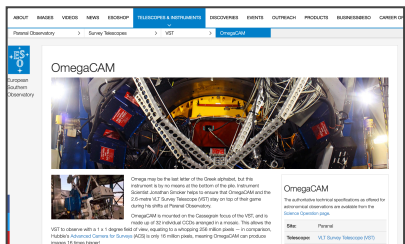
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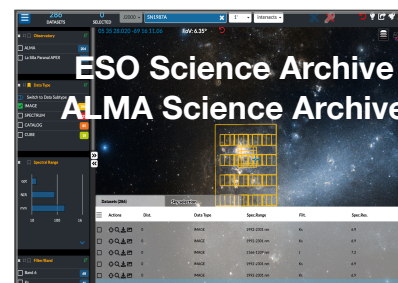
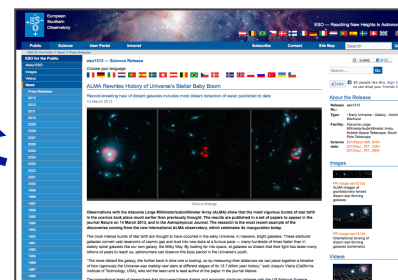
article DOI



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Author(s)	Pian, E. ; D'Avanzo, P. ; Benetti, S.; Branchesi, M.; Brocato, E.; Campana, S.; Cappell ; Elia, V.; Fynbo, J. P. U.; Getman, F.; Ghirlanda, G.; Ghisellini, ; Hjorth, J.; Kouveliotou, C.; Levan, A.; Limatola, L.; Male show all authors
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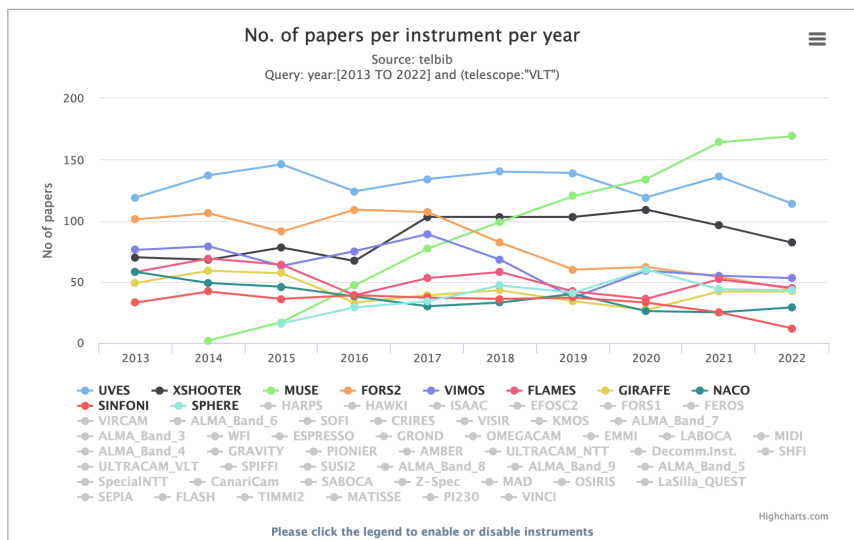
YEAR ▼	AUTHOR	TITLE			
2022	Acebron, A. et al.	New strong lensing modelling of SDSS J100441.7-011104.7 enhanced with VLT/MUSE spectroscopy			
2022	D'Orazi, Valentina et al.	The Complex Behaviour of s-Process Element Abundances at Young Ages			
2022	Magrini, Laura et al.	The Abundance of S-Process Elements: Trends and Spatial Trends from Open Cluster Observations			
2022	Fragkou, Vasiliki et al.	Further Studies of the Association of Planetary Nebulae with Galactic Clusters: The Case of 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	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

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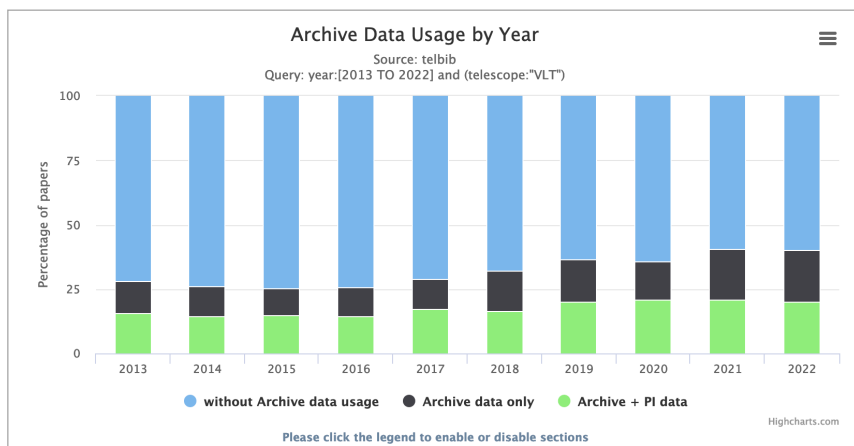


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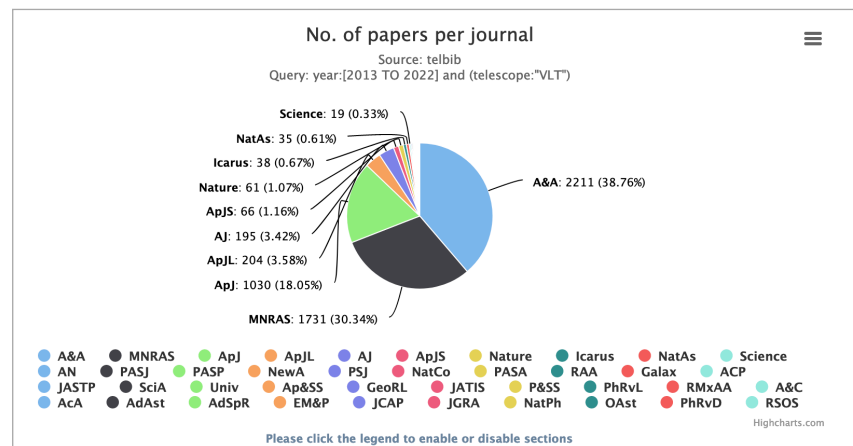
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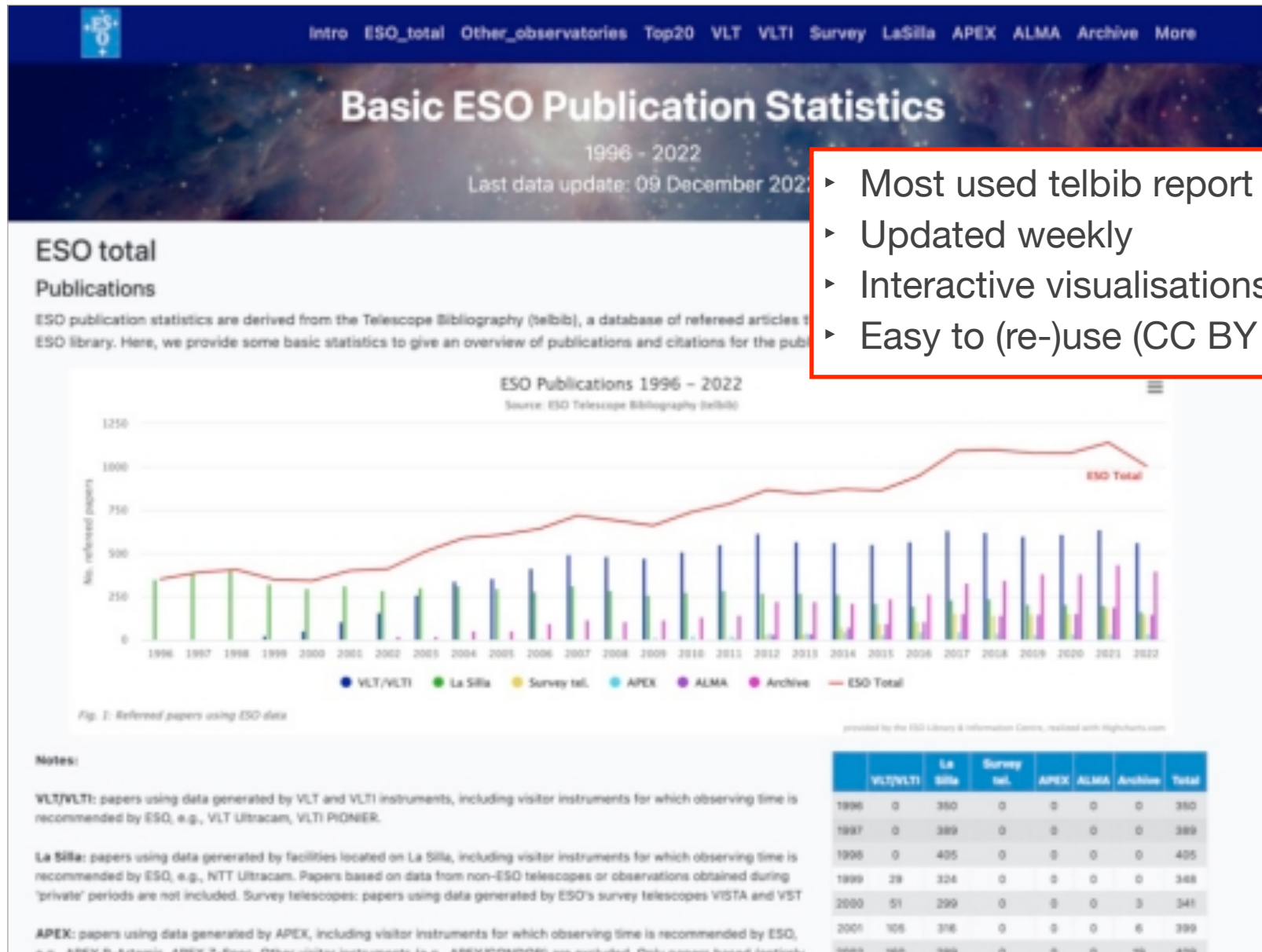
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