



astrophysics data system



Alberto Accomazzi & the ADS Team

@aaccomazzi | @adsabs

AAS 231 - 8-12 Jan 2018



astrophysics
data system

Don't Panic!



astrophysics data system

Don't Panic!

...or how to survive the transition from
ADS Classic to Bumblebee



Whaaaat?



Whaaaat?

ADS (Classic) is going away

- Old technology hard to maintain
- Not compliant with current standards
- Drain on resources, prevents innovation



Whaaaat?

ADS (Classic) is going away

- Old technology hard to maintain
- Not compliant with current standards
- Drain on resources, prevents innovation

Long live ADS (Bumblebee)!

- New interface is up and running
- Has the same content as ADS Classic
- Provides more functionality & features



Why?



Why?

Legacy

ADS Classic is over 20 years old, custom-built system predating Google, current web standards



Why?

Legacy

ADS Classic is over 20 years old, custom-built system predating Google, current web standards

Technology

400K lines of undocumented code, does not use state of the art search technology



Why?

Legacy

ADS Classic is over 20 years old, custom-built system predating Google, current web standards

Technology

400K lines of undocumented code, does not use state of the art search technology

Features

ADS Classic only indexes basic article metadata, not its contents (fulltext, graphics, data)



Who?



Who?

Lineage

ADS Bumblebee
uses the same
data as Classic,
wrapped in a
new package



Who?

Lineage

ADS Bumblebee
uses the same
data as Classic,
wrapped in a
new package

Technology

State of the art
search, modern
user interface,
hosted in the
cloud



Who?

Lineage

ADS Bumblebee
uses the same
data as Classic,
wrapped in a
new package

Technology

State of the art
search, modern
user interface,
hosted in the
cloud

Features

Search and filter,
visualize results,
compute metrics,
claim papers via
ORCID



When?





When?



April 2018

All functionality
and content of
ADS Classic
available in ADS
Bumblebee



When?



April 2018

All functionality
and content of
ADS Classic
available in ADS
Bumblebee

October 2018

Use of ADS
Classic
discouraged in
favor of
Bumblebee



When?



April 2018

All functionality
and content of
ADS Classic
available in ADS
Bumblebee

October 2018

Use of ADS
Classic
discouraged in
favor of
Bumblebee

April 2019

ADS Classic
search
discontinued,
redirected to
Bumblebee



Where?



Where?

 **astrophysics** data system

Classic Form Modern Form Paper Form

QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms ▾

Q

This image shows the homepage of the Astrophysics Data System (ADS) search interface. At the top, there's a logo featuring a magnifying glass over a letter 'a'. Below the logo, the text "astrophysics data system" is displayed. Underneath this, there are three search form options: "Classic Form", "Modern Form", and "Paper Form". A dropdown menu labeled "All Search Terms" is also present. At the bottom, there's a large search input field with a magnifying glass icon and a "Search" button.



Where?

The screenshot shows the homepage of the astrophysics data system. At the top left is the ADS logo, which consists of a magnifying glass icon with a blue letter 'a' inside. To the right of the logo, the text "astrophysics data system" is displayed in white. Below the header, there are three navigation buttons: "Classic Form" (white), "Modern Form" (light blue), and "Paper Form" (dark blue). A search bar follows, with the placeholder text "QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms". Below the search bar is a large input field for the search query, with a blue "Search" button containing a white magnifying glass icon to its right.

<https://ui.adsabs.harvard.edu>

Simple Search

Simple Search

aaccomazzi@cfaharvard.edu | [my Account](#) | [Sign off](#)

ADS Services

- [Search](#)
- [Browse](#)
- [myADS](#)
- [Mirrors](#)
- [Feedback](#)
- [FAQ](#)
- [What's new](#)
- [Site Map](#)
- [Help](#)

Other NASA Centers

- [CXC](#)
- [HEASARC](#)
- [IRSA](#)
- [MAST](#)
- [NED](#)
- [NSSDC](#)
- [PDS](#)
- [SPITZER](#)

Related Sites

- [AAS](#)
- [ADEC](#)
- [arXiv](#)
- [CDS](#)
- [IAU](#)

CfA

- [CfA](#)
- [Chandra](#)
- [Harvard University](#)
- [Smithsonian Institution](#)

The logo features the word "ads" in white script font above the letters "NASA" in a large, bold, sans-serif font. The background is dark blue with a light blue gradient at the bottom. A small white star is positioned to the right of the "NASA" text.

The SAO/NASA Astrophysics Data System

[Search](#) [Browse](#) [Help](#)

Welcome to the Digital Library for Physics and Astronomy

This site is hosted by the  [High Energy Astrophysics Division](#) at the  [Harvard-Smithsonian Center for Astrophysics](#)

The SAO/NASA Astrophysics Data System (ADS) is a Digital Library portal for researchers in Astronomy and Physics, operated by the Smithsonian Astrophysical Observatory (SAO) under a NASA grant. The ADS maintains three bibliographic databases containing more than 13.4 million records covering publications in Astronomy and Astrophysics, Physics, and the [arXiv e-prints](#). Abstracts and full-text of major astronomy and physics publications are indexed and searchable through the new [ADS "Bumblebee" interface](#) as well as the traditional ["Classic" search forms](#). A set of [browsable interfaces](#) are also available.

In addition to maintaining its bibliographic corpus, the ADS tracks citations and usage of its records to provide advanced discovery and evaluation capabilities. Integrated in its databases, the ADS provides access and pointers to a wealth of external resources, including electronic articles available from publisher's websites, astronomical object information, data catalogs and data sets hosted by external archives. We currently have links to over 13.2 million records maintained by our collaborators.

Please note that all abstracts and articles in the ADS are copyrighted by the publisher, and their use is free for personal use only. For more information, please read our page detailing the [Terms and Conditions](#) regulating the use of our resources.

The ADS provides the [myADS Update Service](#), a free custom notification service promoting current awareness of the recent technical literature in astronomy and physics based on each individual subscriber's queries. Every week the myADS Update Service will scan the literature added to the ADS since the last update, and will create custom lists of recent papers for each subscriber, formatted to allow quick reading and access. Subscribers are notified by e-mail in html format. As an option, users can elect to receive updates on papers published on the [arXiv e-print](#).

Simple Search

aaccomazzi@cfa.harvard.edu | my Account | Sign off

ADS Services

- [Search](#)
- [Browse](#)
- [myADS](#)
- [Mirrors](#)
- [Feedback](#)
- [FAQ](#)
- [What's new](#)
- [Site Map](#)
- [Help](#)

The SAO/NASA Astrophysics Data System

[Search](#) [Browse](#) [Help](#)

Welcome to the Digital Library for Physics and Astronomy

This site is hosted by the  [High Energy Astrophysics Division](#) at the  [Harvard-Smithsonian Center for Astrophysics](#)

The SAO/NASA Astrophysics Data System (ADS) is a Digital Library portal for researchers in Astronomy and Physics, operated by the Smithsonian Astrophysical Observatory (SAO) under a NASA grant. The ADS maintains three bibliographic databases containing more than 13.4 million records covering publications in Astronomy and Astrophysics, Physics, and the [arXiv e-prints](#). Abstracts and full-text of major astronomy and physics publications are indexed and searchable through the new [ADS "Bumblebee" interface](#) as well as the traditional ["Classic" search forms](#). A set of [browsable interfaces](#) are also available.

In addition to maintaining its bibliographic corpus, the ADS tracks citations and usage of its records to provide advanced discovery and evaluation capabilities. Integrated in its databases, the ADS provides access and pointers to a wealth of external resources, including electronic articles available from publisher's websites, astronomical object information, data catalogs and data sets hosted by external archives. We currently have links to over 13.2 million records maintained by our collaborators.

Please note that all abstracts and articles in the ADS are copyrighted by the publisher, and their use is free for personal use only. For more information, please read our page detailing the [Terms and Conditions](#) regulating the use of our resources.

The ADS provides the [myADS Update Service](#), a free custom notification service promoting current awareness of the recent technical literature in astronomy and physics based on each individual subscriber's queries. Every week the myADS Update Service will scan the literature added to the ADS since the last update, and will create custom lists of recent papers for each subscriber, formatted to allow quick reading and access. Subscribers are notified by e-mail in html format. As an option, users can elect to receive updates on papers published on the [arXiv e-print](#).

 **adsbeta**

 **astrophysics** data system

[Feedback](#) [ORCID](#) [Learn](#) [Account](#)

[Classic Form](#) [Modern Form](#) [Paper Form](#)

QUICK FIELD: [Author](#) [First Author](#) [Abstract](#) [Year](#) [Fulltext](#) [All Search Terms](#)

author	author:"huchra, john"	citations	citations(author:"huchra, j")
first author	author:"^huchra, john"	references	references(author:"huchra, j")
abstract + title	abs:"dark energy"	reviews	reviews("gamma-ray bursts")
year	year:2000	refereed	property:refereed
year range	year:2000-2005	astronomy	database:astronomy
full text	full:"gravitational waves"	OR	abs:(planet OR star)
publication	bibstem:ApJ		

 [Use a classic ADS-style form](#)

 [Learn more about searching the ADS](#)

 [Access ADS data with our API](#)

Advanced Search

Advanced Search

aaccomazzi@cfa.harvard.edu | [my Account](#) | [Sign off](#)

[SAO/NASA ADS](#) Astronomy Query Form for Alberto Accomazzi

[Sitemap](#) [What's New](#) [Feedback](#) [Basic Search](#) [Preferences](#) [FAQ](#) [HELP](#)

Need a more powerful search? Try [ADS Bumblebee!](#)

[Send Query](#)

[Return Query Form](#)

[Store Default Form](#)

[Clear](#)

Databases to query: [Astronomy](#) [Physics](#) [arXiv e-prints](#)

Authors: (Last, First M, one per line) [SIMBAD](#) [NED](#) [ADS Objects](#)

[Exact name matching](#)

[Object name/position search](#)

Require author for selection

Require object for selection

(OR AND [simple logic](#))

(Combine with: OR AND)

Publication Date between and
(MM) (YYYY) (MM) (YYYY)

Enter [Title Words](#)

Require title for selection

(Combine with: OR AND [simple logic](#) [boolean logic](#))

Enter [Abstract Words/Keywords](#)

Require text for selection

(Combine with: OR AND [simple logic](#) [boolean logic](#))

Return items starting with number

Search within articles using [ADS Bumblebee](#)

[myADS](#): Personalized notification service

[Private Library](#) and [Recently read articles](#) for Alberto Accomazzi

[Send Query](#)

[Return Query Form](#)

[Store Default Form](#)

[Clear](#)

[Journal/Volume/Page](#) [Current Journals](#) [Unread Journals](#)

Advanced Search

aaccomazzi@cfa.harvard.edu | my Account | Sign off

SAO/NASA ADS Astronomy Query Form for Alberto Accomazzi

[Sitemap](#) [What's New](#) [Feedback](#) [Basic Search](#) [Preferences](#) [FAQ](#) [HELP](#)

Need a more powerful search? Try [ADS Bumblebee!](#)!

Databases to query: [Astronomy](#) [Physics](#) [arXiv e-prints](#)

Authors: (Last, First M, one per line) [SIMBAD](#) [NED](#) [ADS Objects](#)
 [Exact name matching](#) [Object name/position search](#)
 [Require author for selection](#) [Require object for selection](#)
(OR AND [simple logic](#)) ([Combine with: OR AND](#))

Publication Date between (MM) (YYYY) and (MM) (YYYY)

Enter [Title Words](#) [Require title for selection](#)
(Combine with: OR AND [simple logic](#) [boolean logic](#))

Enter [Abstract Words/Keywords](#) [Require text for selection](#)
(Combine with: OR AND [simple logic](#) [boolean logic](#))

Return 200 items starting with number 1

Search within articles using [ADS Bumblebee](#)

[myADS](#): Personalized notification service

[Private Library](#) and [Recently read articles](#) for Alberto Accomazzi

 **adsbeta**  [ORCID](#)  [Learn](#)  [Account](#)

 **astrophysics** data system

[Classic Form](#) [Modern Form](#) [Paper Form](#)

Databases to query : [Astronomy](#) [Physics](#)

Author AND OR BOOLEAN
(Last, First M) one per line

Object AND OR BOOLEAN
SIMBAD object search

Publication date between
 MM / YYYY and MM / YYYY

Title AND OR BOOLEAN

Abstract/Keywords AND OR BOOLEAN

[Refereed only](#) [Articles only](#)

Publication
Comma-separated bibstems of journal titles



Can I still...



Can I still...

Search for an Author

author:“kurtz, m”





Can I still...

Search for an Author

author:"kurtz, m"



Author & Year

author:"kurtz, m" year:2010





Can I still...

Search for an Author

author:"kurtz, m"



Author & Year

author:"kurtz, m" year:2010



First Author shortcut

^kurtz, m





Can I still... Yes!

Search for an Author

author:"kurtz, m"



Author & Year

author:"kurtz, m" year:2010



First Author shortcut

^kurtz, m





author:“szkody, p”

Classic Form

Modern Form

Paper Form

QUICK FIELD: [Author](#) [First Author](#) [Abstract](#) [Year](#) [Fulltext](#) [All Search Terms](#) ▾

author:“szkody, p”



author	author:"huchra, john"	citations	citations(author:"huchra, j") ⓘ
first author	author:"^huchra, john"	references	references(author:"huchra, j") ⓘ
abstract + title	abs:"dark energy"	reviews	reviews("gamma-ray bursts") ⓘ
year	year:2000		
year range	year:2000-2005	refereed	property:refereed ⓘ
full text	full:"gravitational waves"	astronomy	database:astronomy ⓘ
publication	bibstem:ApJ ⓘ	OR	abs:(planet OR star) ⓘ

[Use a classic ADS-style form](#)[Learn more about searching the ADS](#)[Access ADS data with our API](#)[adshelp\[at\]cfa.harvard.edu](mailto:adshelp[at]cfa.harvard.edu)

© The SAO/NASA Astrophysics Data System

[ADS Blog](#)[ADS Help](#)

@adsabs

[Is ADS down? \(or is it just me...\)](#)[ADS Mirrors](#)

QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

author:"szkody, p"



Your search returned 661 results

sort: Date desc

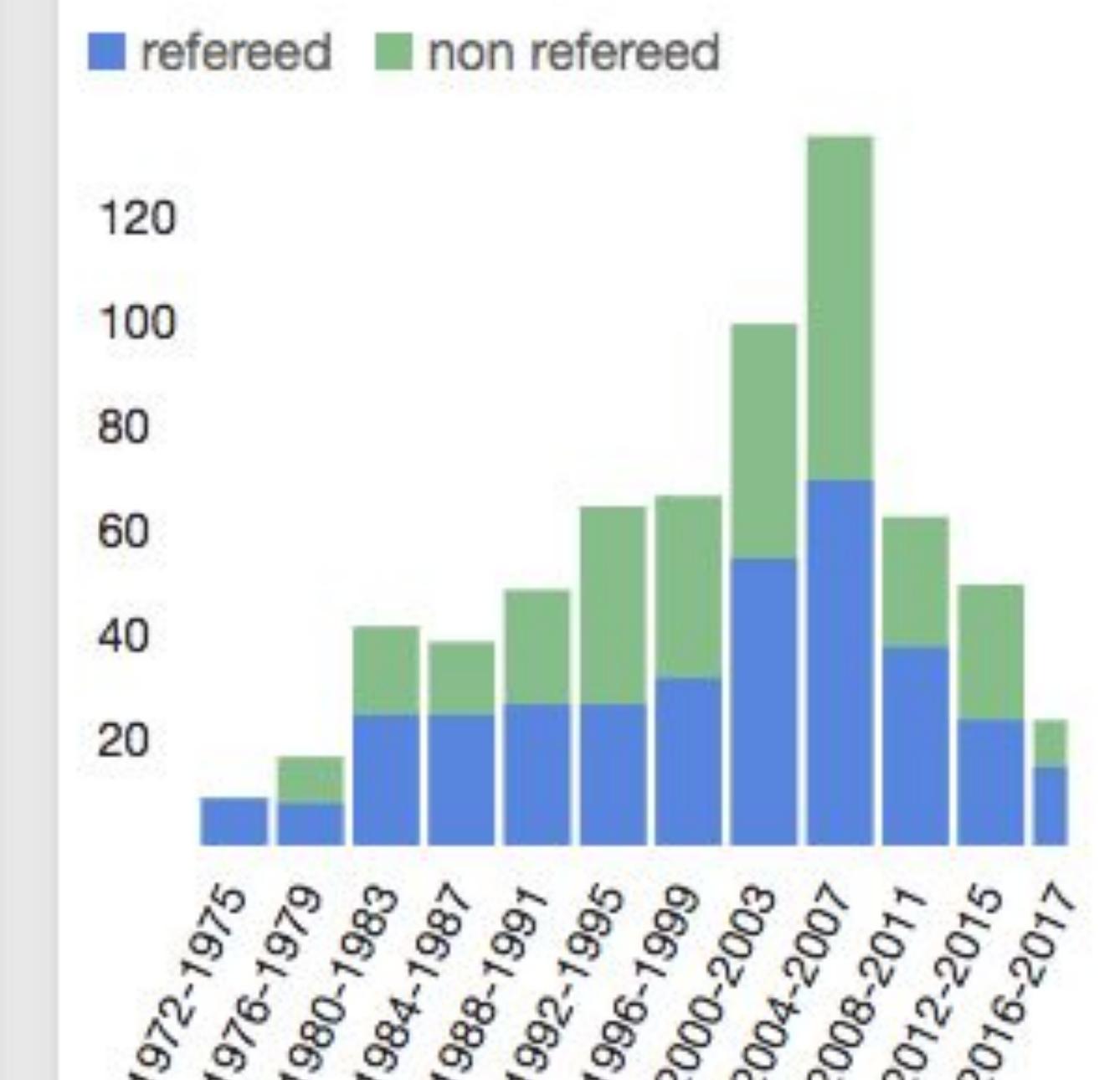
[Export](#)[Explore](#)

author:“szkody, p”

- ✓ AUTHORS
 - > Szkody, P 661
 - > Howell, S 129
 - > Sion, E 129
 - > Gaensicke, B 103
 - > Hoard, D 73
- more
- ✓ COLLECTIONS
 - astronomy 661
 - physics 13
 - general 1
- ✓ REFEREED
 - refereed 355
 - non-refereed 306
- > KEYWORDS
- > PUBLICATIONS
- > BIB GROUPS
- > SIMBAD OBJECTS
- > DATA
- > VIZIER TABLES
- > GRANTS
- > PUBLICATION TYPE

- Show abstracts
- 1 2017MNRAS.472.2937H 2017/12 [Roche tomography of cataclysmic variables - VIII. The irradiated and spotted dwarf nova, SS Cygni](#)
Hill, C. A.; Smith, Robert Connon; Hebb, L. and 1 more
- 2 2017AJ....154..276Z 2017/12 [Observational Study of an Unusual Cataclysmic Binary 2MASS J16211735+4412541](#)
Zola, S.; Szkody, P.; Ciprini, S. and 7 more
- 3 2017A&A...606A..45D 2017/10 [Quiescent photometric modulations of two low-inclination cataclysmic variables KZ Geminorum and TW Virginis](#)
Dai, Zhibin; Szkody, Paula; Taani, Ali and 2 more
- 4 2017arXiv170804058L 2017/08 cited: 4 [Science-Driven Optimization of the LSST Observing Strategy](#)
LSST Science Collaboration; Marshall, Phil; Anguita, Timo and 102 more
- 5 2017AJ....154..48H 2017/08 [Hubble COS Spectroscopy of the Dwarf Nova CW Mon: The White Dwarf in Quiescence?](#)
Hause, Connor; Sion, Edward M.; Godon, Patrick and 4 more
- 6 2017MNRAS.466.2855P 2017/04 cited: 6 [Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution](#)
Pala, A. F.; Gänsicke, B. T.; Townsley, D. and 29 more
- 7 2017ASPC..509..341M 2017/03 [Contrasting Accreting White Dwarf Pulsators with the ZZ Ceti Stars](#)
Mukadam, A. S.; Szkody, P.; Gänsicke, B. T. and 1 more
- 8 2017ASPC..509..335C 2017/03 [The Post-outburst Pulsations of GW Librae](#)
Chote, P.; Mukadam, A. S.; Aungwerojwit, A. and 7 more

0 selected

[Add papers to library](#)[Years](#) [Citations](#) [Reads](#)

Limit results to papers from

1972

to 2017

[Apply](#)

QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

author:"szkody, p"



Your search returned 661 results

sort: Date desc

[Export](#)[Explore](#)

author:“szkody, p”

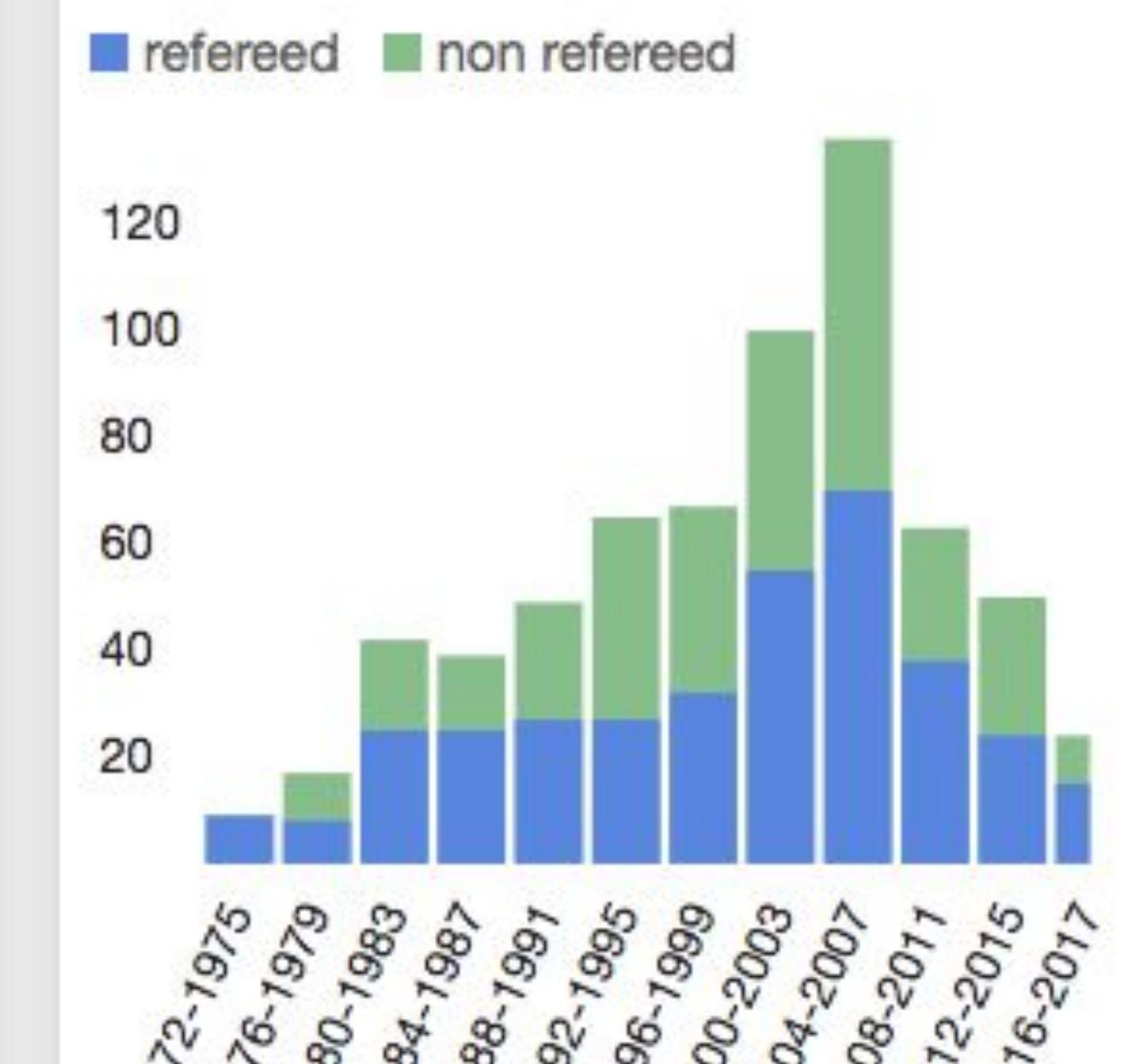
Co-authors



- ✓ AUTHORS
 - > Szkody, P 661
 - > Howell, S 129
 - > Sion, E 129
 - > Gaensicke, B 103
 - > Hoard, D 73
- more
- ✓ COLLECTIONS
 - astronomy 661
 - physics 13
 - general 1
- ✓ REFEREED
 - refereed 355
 - non-refereed 306
- > KEYWORDS
- > PUBLICATIONS
- > BIB GROUPS
- > SIMBAD OBJECTS
- > DATA
- > VIZIER TABLES
- > GRANTS
- > PUBLICATION TYPE

- Show abstracts
- 1 2017MNRAS.472.2937H 2017/12 [Roche tomography of cataclysmic variables - VIII. The irradiated and spotted dwarf nova, SS Cygni](#)
Hill, C. A.; Smith, Robert Connon; Hebb, L. and 1 more
- 2 2017AJ....154..276Z 2017/12 [Observational Study of an Unusual Cataclysmic Binary 2MASS J16211735+4412541](#)
Zola, S.; Szkody, P.; Ciprini, S. and 7 more
- 3 2017A&A...606A..45D 2017/10 [Quiescent photometric modulations of two low-inclination cataclysmic variables KZ Geminorum and TW Virginis](#)
Dai, Zhibin; Szkody, Paula; Taani, Ali and 2 more
- 4 2017arXiv170804058L 2017/08 cited: 4 [Science-Driven Optimization of the LSST Observing Strategy](#)
LSST Science Collaboration; Marshall, Phil; Anguita, Timo and 102 more
- 5 2017AJ....154..48H 2017/08 [Hubble COS Spectroscopy of the Dwarf Nova CW Mon: The White Dwarf in Quiescence?](#)
Hause, Connor; Sion, Edward M.; Godon, Patrick and 4 more
- 6 2017MNRAS.466.2855P 2017/04 cited: 6 [Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution](#)
Pala, A. F.; Gänsicke, B. T.; Townsley, D. and 29 more
- 7 2017ASPC..509..341M 2017/03 [Contrasting Accreting White Dwarf Pulsators with the ZZ Ceti Stars](#)
Mukadam, A. S.; Szkody, P.; Gänsicke, B. T. and 1 more
- 8 2017ASPC..509..335C 2017/03 [The Post-outburst Pulsations of GW Librae](#)
Chote, P.; Mukadam, A. S.; Aungwerojwit, A. and 7 more

0 selected

[Add papers to library](#)[Years](#) [Citations](#) [Reads](#)

Limit results to papers from

1972

to 2017

[Apply](#)

QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

author:"szkody, p"



Your search returned 661 results

sort: Date desc

[Export](#)[Explore](#)

author:“szkody, p”

Co-authors

Recent papers

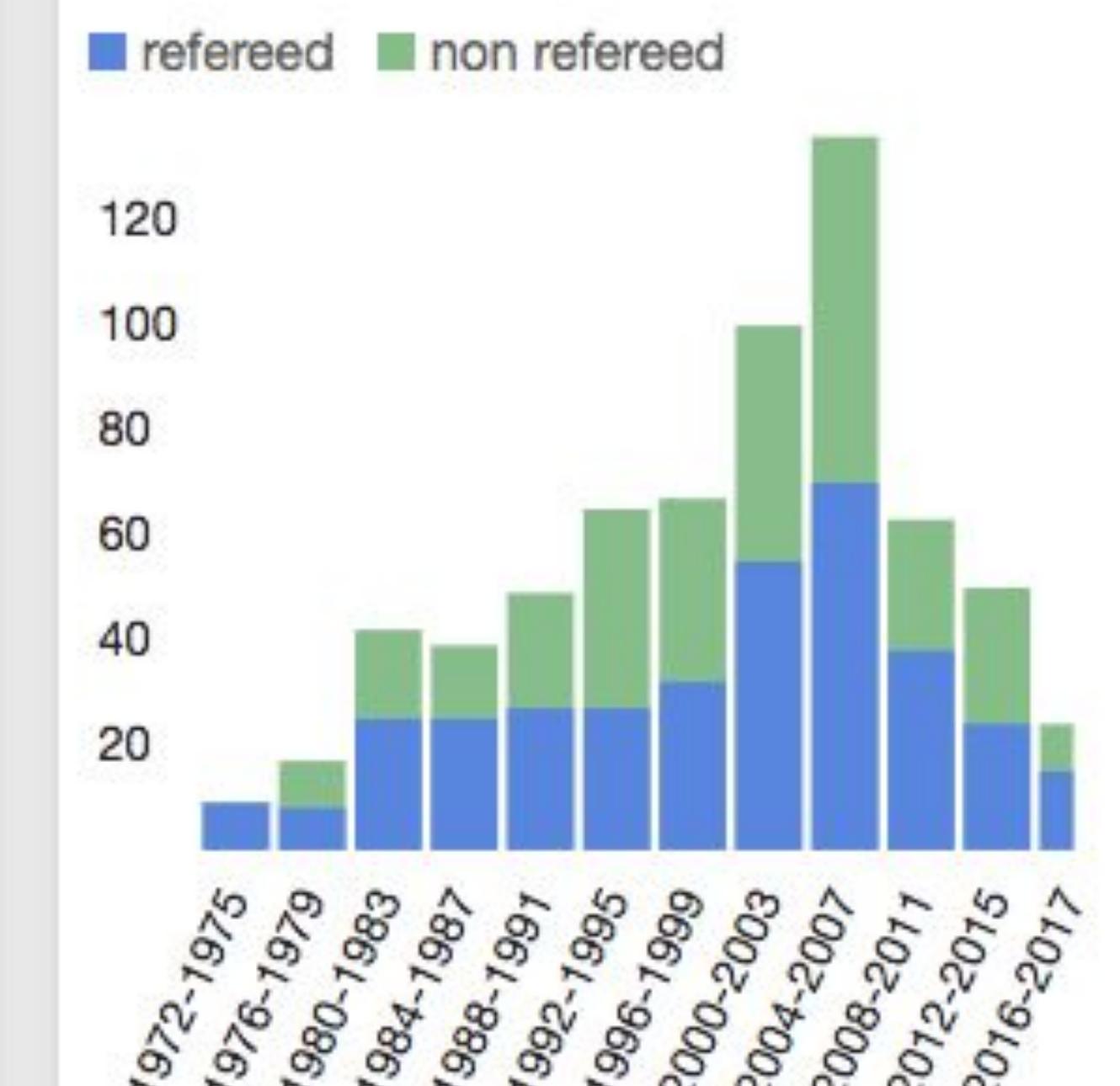
- ✓ AUTHORS
 - > Szkody, P 661
 - > Howell, S 129
 - > Sion, E 129
 - > Gaensicke, B 103
 - > Hoard, D 73
- ✓ COLLECTIONS
 - < astronomy 661
 - < physics 13
 - < general 1
- ✓ REFEREED
 - < refereed 355
 - < non-refereed 306
- > KEYWORDS
- > PUBLICATIONS
- > BIB GROUPS
- > SIMBAD OBJECTS
- > DATA
- > VIZIER TABLES
- > GRANTS
- > PUBLICATION TYPE

- 1 2017MNRAS.472.2937H 2017/12 [Roche tomography of cataclysmic variables - VIII. The irradiated and spotted dwarf nova, SS Cygni](#)
Hill, C. A.; Smith, Robert Connon; Hebb, L. and 1 more
- 2 2017AJ....154..276Z 2017/12 [Observational Study of an Unusual Cataclysmic Binary 2MASS J16211735+4412541](#)
Zola, S.; Szkody, P.; Ciprini, S. and 7 more
- 3 2017A&A...606A..45D 2017/10 [Quiescent photometric modulations of two low-inclination cataclysmic variables KZ Geminorum and TW Virginis](#)
Dai, Zhibin; Szkody, Paula; Taani, Ali and 2 more
- 4 2017arXiv170804058L 2017/08 cited: 4 [Science-Driven Optimization of the LSST Observing Strategy](#)
LSST Science Collaboration; Marshall, Phil; Anguita, Timo and 102 more
- 5 2017AJ....154..48H 2017/08 [Hubble COS Spectroscopy of the Dwarf Nova CW Mon: The White Dwarf in Quiescence?](#)
Hause, Connor; Sion, Edward M.; Godon, Patrick and 4 more
- 6 2017MNRAS.466.2855P 2017/04 cited: 6 [Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution](#)
Pala, A. F.; Gänsicke, B. T.; Townsley, D. and 29 more
- 7 2017ASPC..509..341M 2017/03 [Contrasting Accreting White Dwarf Pulsators with the ZZ Ceti Stars](#)
Mukadam, A. S.; Szkody, P.; Gänsicke, B. T. and 1 more
- 8 2017ASPC..509..335C 2017/03 [The Post-outburst Pulsations of GW Librae](#)
Chote, P.; Mukadam, A. S.; Aungwerojwit, A. and 7 more

0 selected

[Add papers to library](#)

Years Citations Reads



Limit results to papers from

1972

to 2017

[Apply](#)

QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

author:"szkody, p"



Your search returned 661 results

sort: Date desc

[Export](#)[Explore](#)

author:“szkody, p”

Co-authors

Recent papers

Paper history

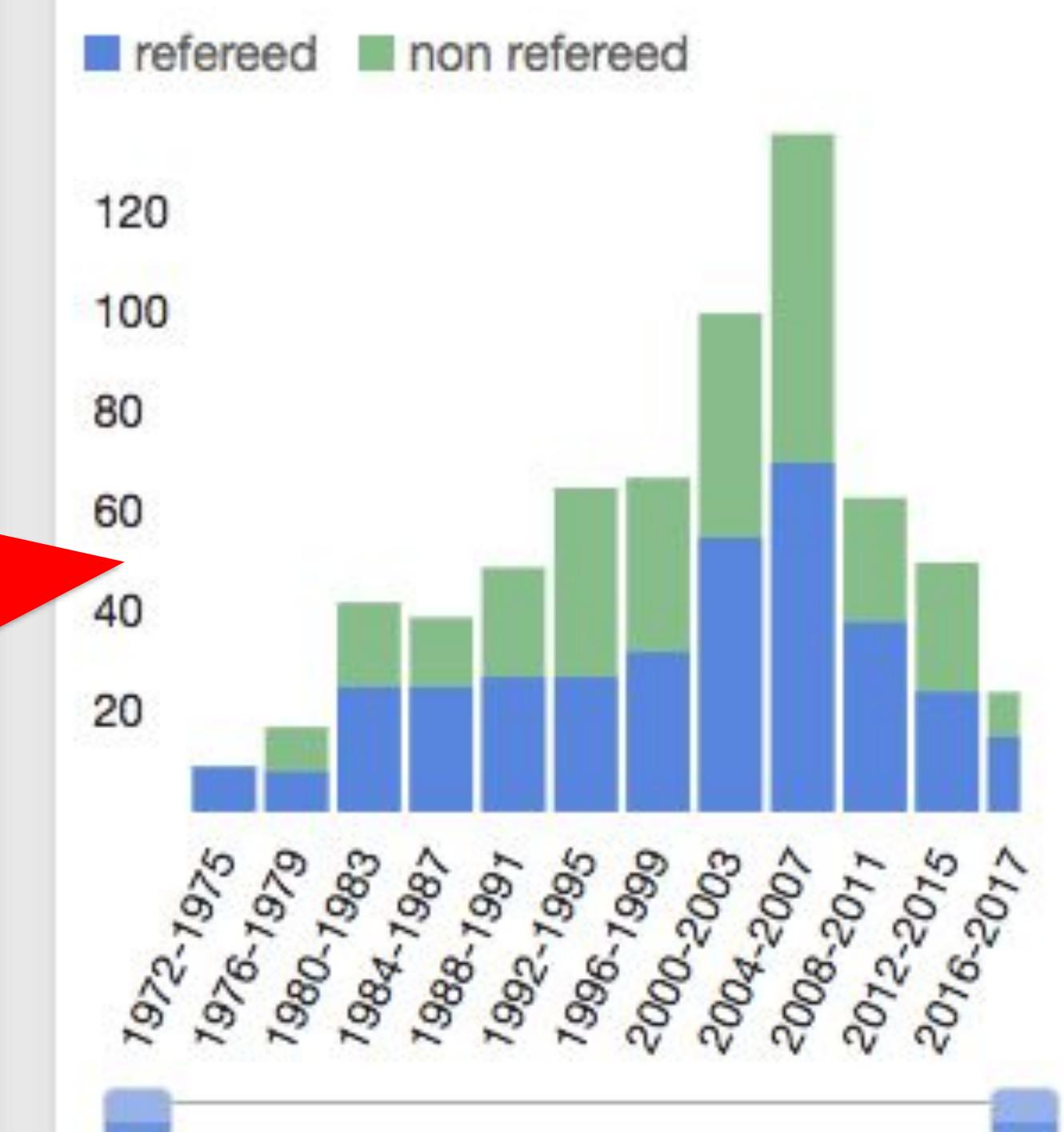
- ✓ AUTHORS
 - > Szkody, P 661
 - > Howell, S 129
 - > Sion, E 129
 - > Gaensicke, B 103
 - > Hoard, D 73
- ✓ COLLECTIONS
 - astronomy 661
 - physics 13
 - general 1
- ✓ REFEREED
 - refereed 355
 - non-refereed 306
- > KEYWORDS
- > PUBLICATIONS
- > BIB GROUPS
- > SIMBAD OBJECTS
- > DATA
- > VIZIER TABLES
- > GRANTS
- > PUBLICATION TYPE

- 1 2017MNRAS.472.2937H 2017/12 [Roche tomography of cataclysmic variables - VIII. The irradiated and spotted dwarf nova, SS Cygni](#)
Hill, C. A.; Smith, Robert Connon; Hebb, L. and 1 more
- 2 2017AJ....154..276Z 2017/12 [Observational Study of an Unusual Cataclysmic Binary 2MASS J16211735+4412541](#)
Zola, S.; Szkody, P.; Ciprini, S. and 7 more
- 3 2017A&A...606A..45D 2017/10 [Quiescent photometric modulations of two low-inclination cataclysmic variables KZ Geminorum and TW Virginis](#)
Dai, Zhibin; Szkody, Paula; Taani, Ali and 2 more
- 4 2017arXiv170804058L 2017/08 cited: 4 [Science-Driven Optimization of the LSST Observing Strategy](#)
LSST Science Collaboration, Marshall, Phil; Anguita, Timo and 102 more
- 5 2017AJ....154..48H 2017/08 [Hubble COS Spectroscopy of the Dwarf Nova CW Mon: The White Dwarf in Quiescence?](#)
Hause, Connor; Sion, Edward M.; Godon, Patrick and 4 more
- 6 2017MNRAS.466.2855P 2017/04 cited: 6 [Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution](#)
Pala, A. F.; Gänsicke, B. T.; Townsley, D. and 29 more
- 7 2017ASPC..509..341M 2017/03 [Contrasting Accreting White Dwarf Pulsators with the ZZ Ceti Stars](#)
Mukadam, A. S.; Szkody, P.; Gänsicke, B. T. and 1 more
- 8 2017ASPC..509..335C 2017/03 [The Post-outburst Pulsations of GW Librae](#)
Chote, P.; Mukadam, A. S.; Aungwerojwit, A. and 7 more

0 selected

[Add papers to library](#)

Years Citations Reads



Limit results to papers from

1972 to 2017

[Apply](#)

QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

author:"szkody, p"



X



author:“szkody, p”

Co-authors

Recent papers

Citations

- ✓ AUTHORS
 - > Szkody, P 661
 - > Howell, S 129
 - > Sion, E 129
 - > Gaensicke, B 103
 - > Hoard, D 73
- ✓ COLLECTIONS
 - astronomy 661
 - physics 13
 - general 1
- ✓ REFEREED
 - refereed 355
 - non-refereed 306
- > KEYWORDS
- > PUBLICATIONS
- > BIB GROUPS
- > SIMBAD OBJECTS
- > DATA
- > VIZIER TABLES
- > GRANTS
- > PUBLICATION TYPE

- Your search returned 661 results
- sort: Date desc
- Export Explore
- 0 selected
- Add papers to library
- Years Citations Reads
- total number of citations : 21,115
- H-Index for results: 55
- Y-axis: linear log
-
- Limit to top 661 most cited Apply
- 1 2017MNRAS.472.2937H 2017/12 [Roche tomography of cataclysmic variables - VIII. The irradiated and spotted dwarf nova, SS Cygni](#)
Hill, C. A.; Smith, Robert Connor; Hebb, L. and 1 more
 - 2 2017AJ....154..276Z 2017/12 [Observational Study of an Unusual Cataclysmic Binary 2MASS J16211735+4412541](#)
Zola, S.; Szkody, P.; Ciprini, S. and 7 more
 - 3 2017A&A...606A..45D 2017/10 [Quiescent photometric modulations of two low-inclination cataclysmic variables KZ Geminorum and TW Virginis](#)
Dai, Zhibin; Szkody, Paula; Taani, Ali and 2 more
 - 4 2017arXiv170804058L 2017/08 cited: 4 [Science-Driven Optimization of the LSST Observing Strategy](#)
LSST Science Collaboration; Marshall, Phil; Anguita, Timo and 102 more
 - 5 2017AJ....154..48H 2017/08 [Hubble COS Spectroscopy of the Dwarf Nova CW Mon: The White Dwarf in Quiescence?](#)
Hause, Connor; Sion, Edward M.; Godon, Patrick and 4 more
 - 6 2017MNRAS.466.2855P 2017/04 cited: 6 [Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution](#)
Pala, A. F.; Gänsicke, B. T.; Townsley, D. and 29 more
 - 7 2017ASPC..509..341M 2017/03 [Contrasting Accreting White Dwarf Pulsators with the ZZ Ceti Stars](#)
Mukadam, A. S.; Szkody, P.; Gänsicke, B. T. and 1 more
 - 8 2017ASPC..509..335C 2017/03 [The Post-outburst Pulsations of GW Librae](#)
Chote, P.; Mukadam, A. S.; Aungwerojwit, A. and 7 more

QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

author:"szkody, p"



Your search returned 661 results

sort: Date desc

[Export](#)[Explore](#)

author:“szkody, p”

Co-authors

Recent papers

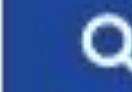
Reads

- ✓ AUTHORS
 - > Szkody, P 661
 - > Howell, S 129
 - > Sion, E 129
 - > Gaensicke, B 103
 - > Hoard, D 73
- ✓ COLLECTIONS
 - astronomy 661
 - physics 13
 - general 1
- ✓ REFEREED
 - refereed 355
 - non-refereed 306
- > KEYWORDS
- > PUBLICATIONS
- > BIB GROUPS
- > SIMBAD OBJECTS
- > DATA
- > VIZIER TABLES
- > GRANTS
- > PUBLICATION TYPE

- 0 selected
- Add papers to library
- Years Citations Reads
- total recent (90 day) reads : 4,496
- H-Index for results: 28
- Y-axis: linear log
-
- Limit to top 661 most read
- 1 2017MNRAS.472.2937H 2017/12 [Roche tomography of cataclysmic variables - VIII. The irradiated and spotted dwarf nova, SS Cygni](#)
Hill, C. A.; Smith, Robert Connor; Hebb, L. and 1 more
 - 2 2017AJ....154..276Z 2017/12 [Observational Study of an Unusual Cataclysmic Binary 2MASS J16211735+4412541](#)
Zola, S.; Szkody, P.; Ciprini, S. and 7 more
 - 3 2017A&A...606A..45D 2017/10 [Quiescent photometric modulations of two low-inclination cataclysmic variables KZ Geminorum and TW Virginis](#)
Dai, Zhibin; Szkody, Paula; Taani, Ali and 2 more
 - 4 2017arXiv170804058L 2017/08 cited: 4 [Science-Driven Optimization of the LSST Observing Strategy](#)
LSST Science Collaboration; Marshall, Phil; Anguita, Timo and 102 more
 - 5 2017AJ....154..48H 2017/08 [Hubble COS Spectroscopy of the Dwarf Nova CW Mon: The White Dwarf in Quiescence?](#)
Hause, Connor; Sion, Edward M.; Godon, Patrick and 4 more
 - 6 2017MNRAS.466.2855P 2017/04 cited: 6 [Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution](#)
Pala, A. F.; Gänsicke, B. T.; Townsley, D. and 29 more
 - 7 2017ASPC..509..341M 2017/03 [Contrasting Accreting White Dwarf Pulsators with the ZZ Ceti Stars](#)
Mukadam, A. S.; Szkody, P.; Gänsicke, B. T. and 1 more
 - 8 2017ASPC..509..335C 2017/03 [The Post-outburst Pulsations of GW Librae](#)
Chote, P.; Mukadam, A. S.; Aungwerojwit, A. and 7 more

QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

author:"szkody, p"



Your search returned 661 results

sort: Date desc

[Export](#)[Explore](#)

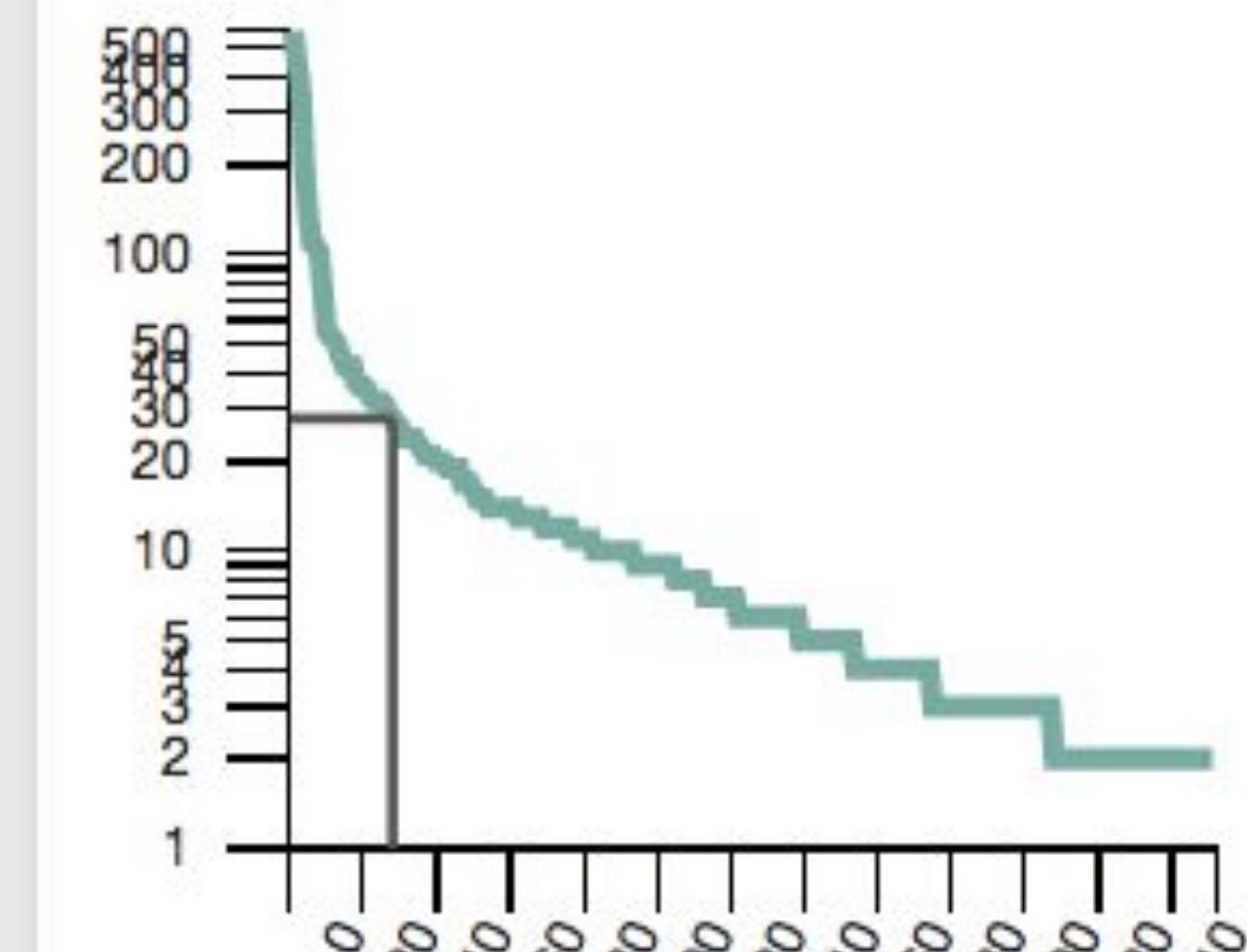
author:“szkody, p”

Metrics Page

- ✓ AUTHORS
 - > Szkody, P 661
 - > Howell, S 129
 - > Sion, E 103
 - > Gaensicke, B 103
 - > Hoard, D 73
- more
- ✓ COLLECTIONS
 - astronomy 661
 - physics 13
 - general 1
- ✓ REFEREED
 - refereed 355
 - non-refereed 306
- > KEYWORDS
- > PUBLICATIONS
- > BIB GROUPS
- > SIMBAD OBJECTS
- > DATA
- > VIZIER TABLES
- > GRANTS
- > PUBLICATION TYPE

- Show abstracts
- 1 2017MNRAS.472.2937H 2017/12 [Roche tomography of cataclysmic variables - VIII. The irradiated and spotted dwarf nova, SS Cygni](#)
Hill, C. A.; Smith, Robert Connor; Hebb, L. and 1 more
- 2 2017AJ....154..276Z 2017/12 [Observational Study of an Unusual Cataclysmic Binary 2MASS J16211735+4412541](#)
Zola, S.; Szkody, P.; Ciprini, S. and 7 more
- 3 2017A&A...606A..45D 2017/10 [Quiescent photometric modulations of two low-inclination cataclysmic variables KZ Geminorum and TW Virginis](#)
Dai, Zhibin; Szkody, Paula; Taani, Ali and 2 more
- 4 2017arXiv170804058L 2017/08 cited: 4 [Science-Driven Optimization of the LSST Observing Strategy](#)
LSST Science Collaboration; Marshall, Phil; Anguita, Timo and 102 more
- 5 2017AJ....154..48H 2017/08 [Hubble COS Spectroscopy of the Dwarf Nova CW Mon: The White Dwarf in Quiescence?](#)
Hause, Connor; Sion, Edward M.; Godon, Patrick and 4 more
- 6 2017MNRAS.466.2855P 2017/04 cited: 6 [Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution](#)
Pala, A. F.; Gänsicke, B. T.; Townsley, D. and 29 more
- 7 2017ASPC..509..341M 2017/03 [Contrasting Accreting White Dwarf Pulsators with the ZZ Ceti Stars](#)
Mukadam, A. S.; Szkody, P.; Gänsicke, B. T. and 1 more
- 8 2017ASPC..509..335C 2017/03 [The Post-outburst Pulsations of GW Librae](#)
Chote, P.; Mukadam, A. S.; Aungwerojwit, A. and 7 more

- 0 selected
- Add paper
- Years Cita
- total recent (
- H-Index for results: 28
- Y-axis: linear log

Limit to top 661 most read

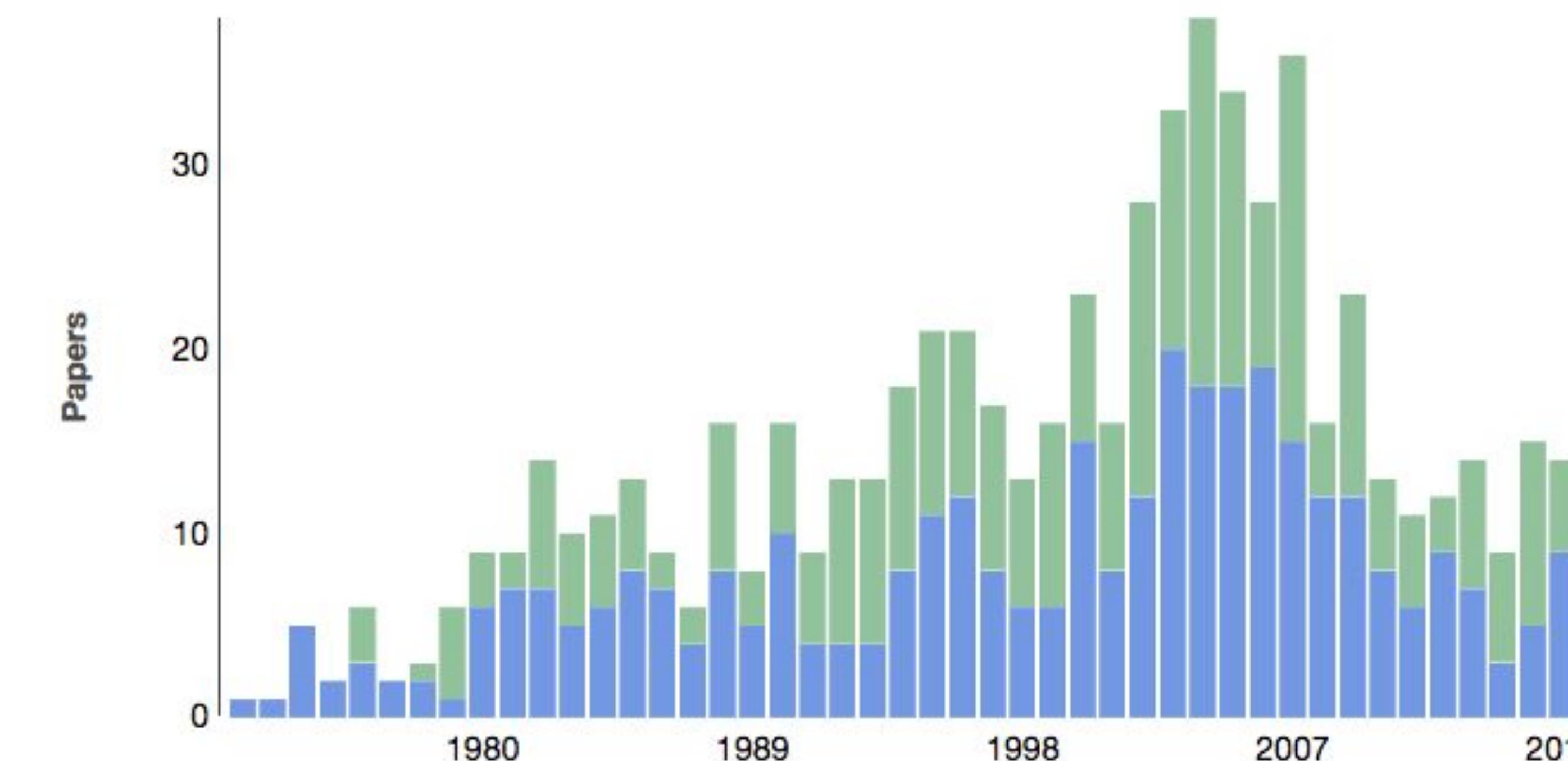
Papers

author:“szkody, p”

Papers

	Totals	Refereed
Number of papers	661	355
Normalized paper count	239.2	99.4

Total
Normalized
stacked ● grouped ○

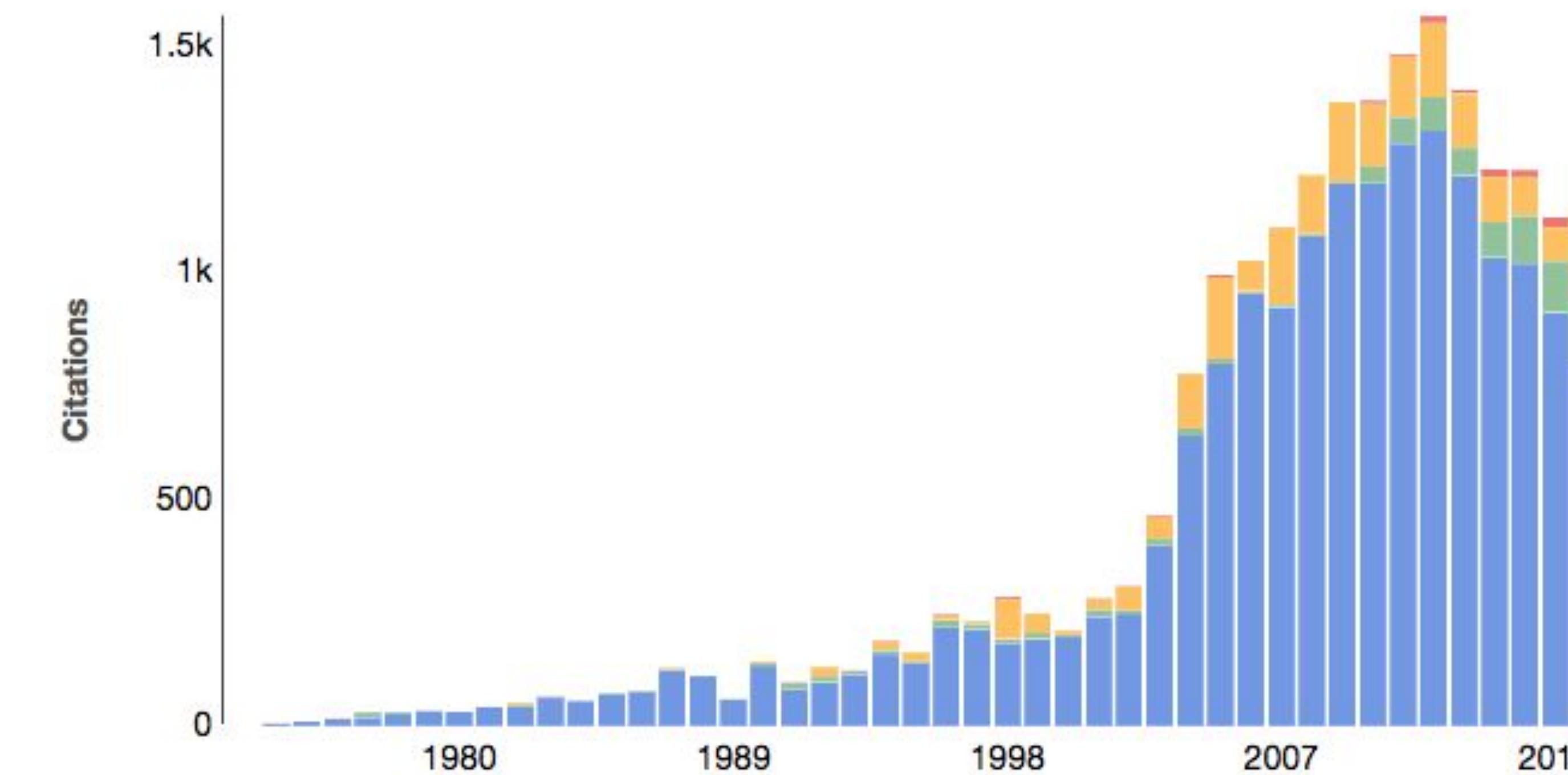


Citations

Citations

	Totals	Refereed
Number of citing papers	12310	11521
Total citations	21139	20000
Number of self-citations	1930	1834
Average citations	32.0	56.3
Median citations	4	17
Normalized citations	2473.4	2342.3
Refereed citations	18666	17757
Average refereed citations	28.2	50.0
Median refereed citations	4	15
Normalized refereed citations	2226.6	2110.6

Total
Normalized
stacked ● grouped ○

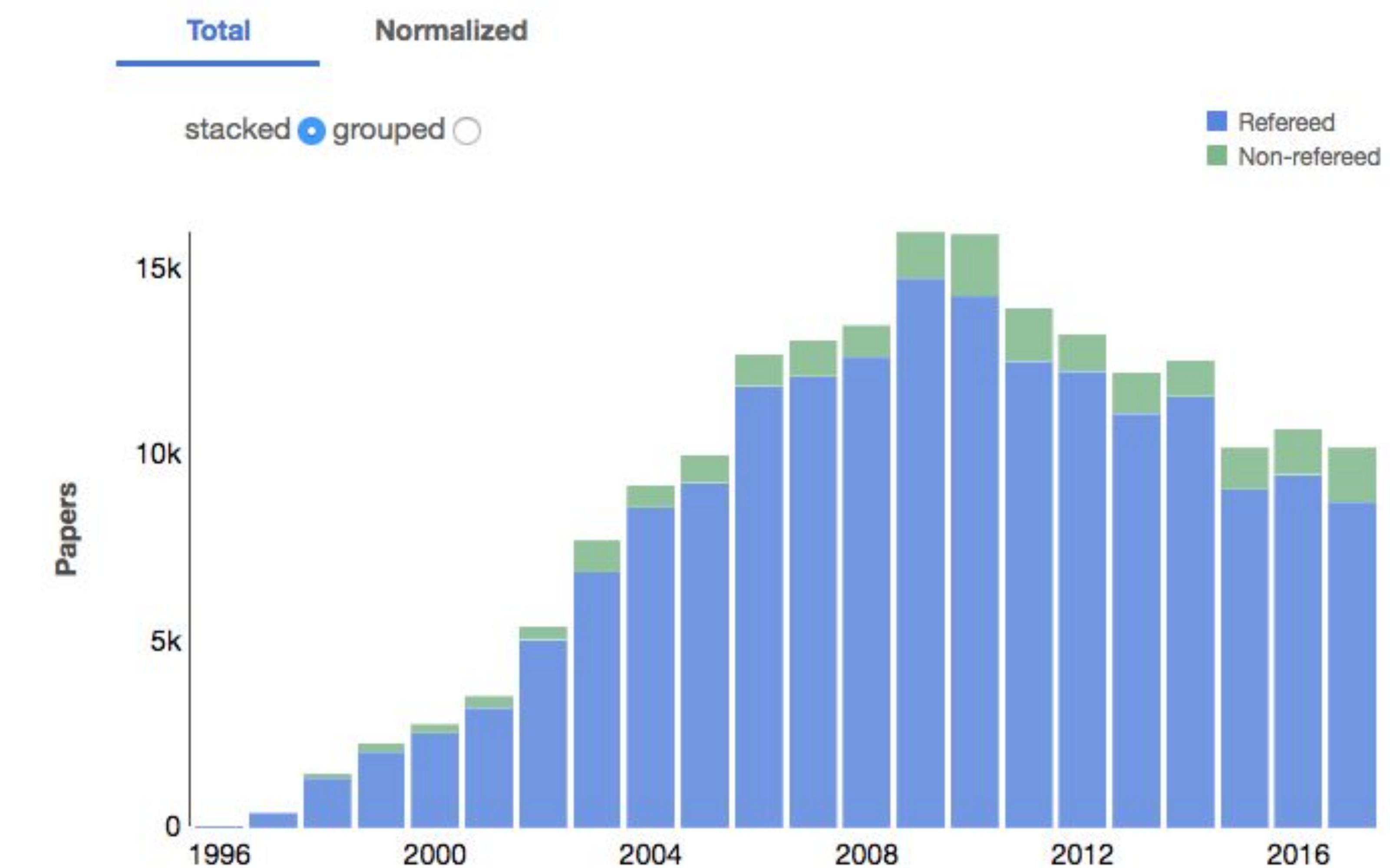


Reads

author:“szkody, p”

Reads

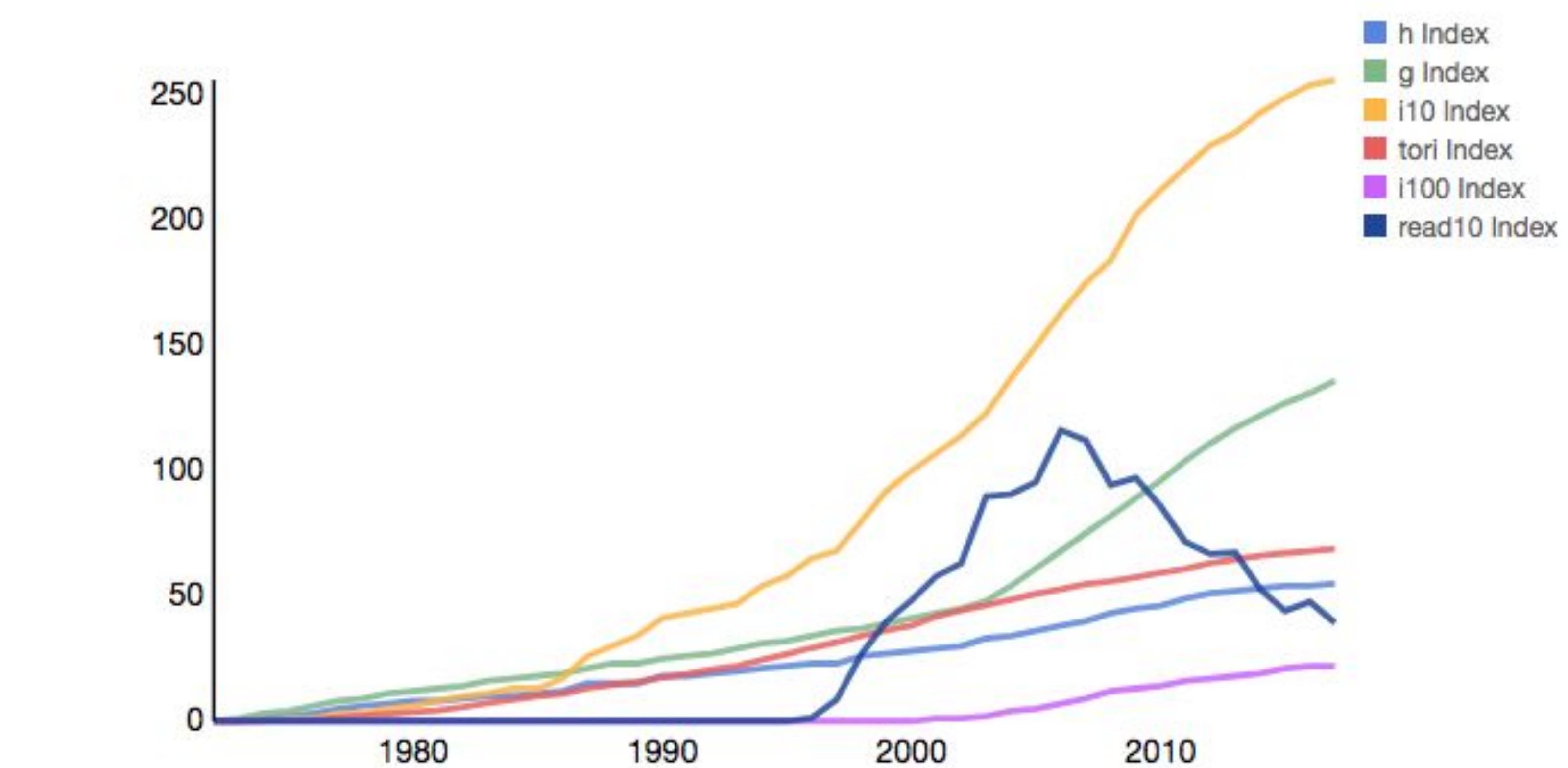
	Totals	Refereed
Total number of reads	197023	179533
Average number of reads	299.4	505.7
Median number of reads	92.5	278
Total number of downloads	104720	99577
Average number of downloads	159.1	280.5
Median number of downloads	44	44



Indices

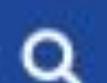
Indices

	Totals	Refereed
h-index	55	55
m-index	1.2	1.2
g-index	136	133
i10-index	256	246
i100-index	22	21
tori index	68.9	65.2
riq index	180	175
read10-index	392.1	317.5



QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

"TRAPPIST-1"



Your search returned 228 results

sort: Date desc

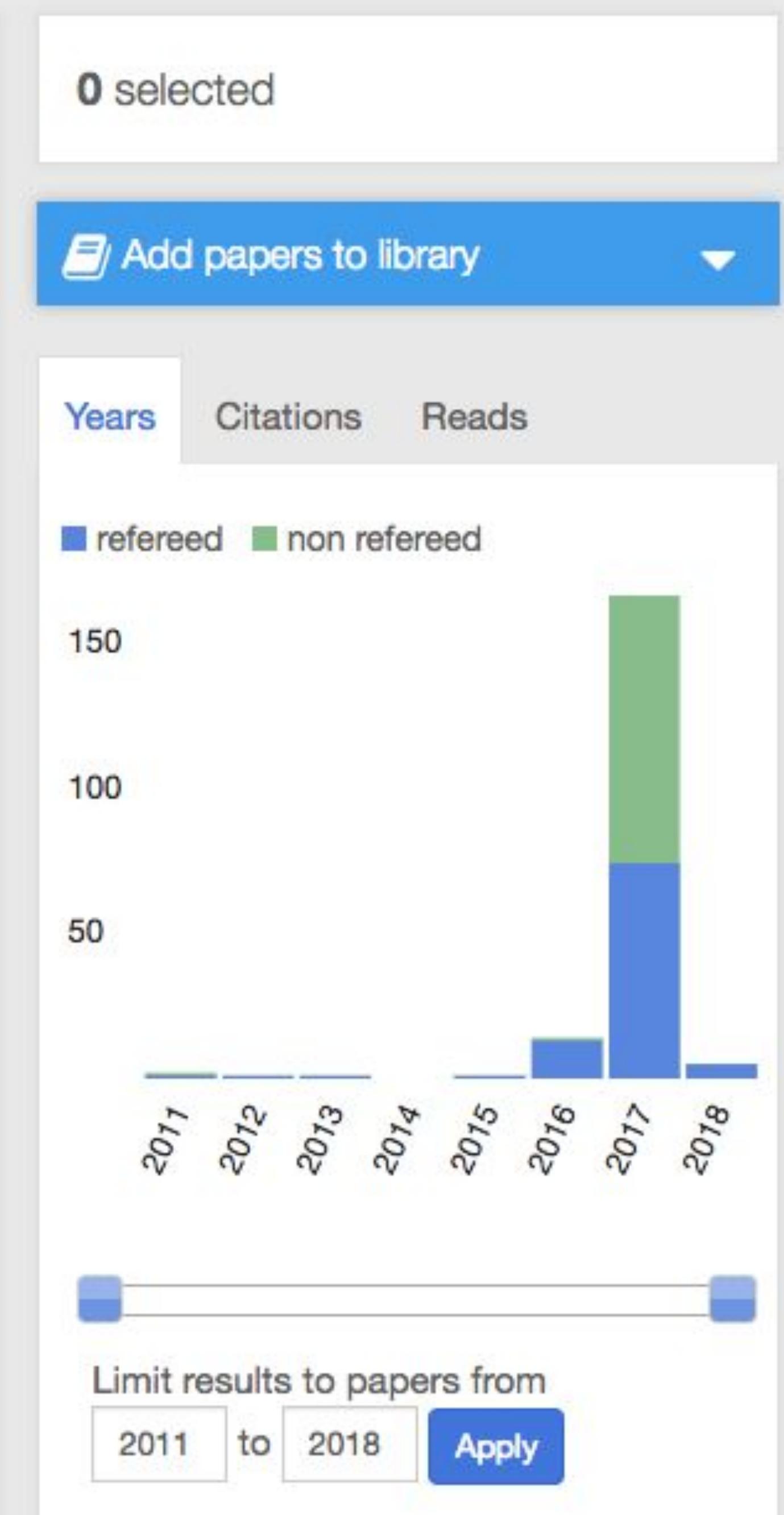
[Export](#)[Explore](#)

“TRAPPIST-1”

- Searches:**
- Author
- Title
- Abstract
- Keywords
- Fulltext

- ▼ AUTHORS
 - > Gillon, M 25
 - > Triaud, A 22
 - > Jehin, E 19
 - > Queloz, D 19
 - > Bolmont, E 14
- more
- ▼ COLLECTIONS
 - astronomy 224
 - physics 28
 - general 13
- ▼ REFEREED
 - refereed 96
 - non-refereed 94
- KEYWORDS
- PUBLICATIONS
- BIB GROUPS
- SIMBAD OBJECTS
- DATA
- VIZIER TABLES
- GRANTS
- PUBLICATION TYPE

- | | | Hide highlights | Show abstracts | | | |
|--|--------------------------|---------------------|----------------|----------|--|--|
| 1 | <input type="checkbox"/> | 2018MNRAS.473.5267M | 2018/02 | | | |
| Trapping of low-mass planets outside the truncated inner edges of protoplanetary discs | | | | | | |
| Miranda, Ryan; Lai, Dong | | | | | | |
| with multiple coplanar, transiting planets, such as Kepler 11 (Lissauer et al. 2011) and TRAPPIST-1 (Gillon) | | | | | | |
| 2 | <input type="checkbox"/> | 2018MNRAS.473.4672C | 2018/02 | | | |
| Stratosphere circulation on tidally locked ExoEarths | | | | | | |
| Carone, L.; Keppens, R.; Decin, L. and 1 more | | | | | | |
| like the TRAPPIST-1 planets, Proxima Centauri b, LHS 1140 b and GJ 667 C f (Anglada-Escudé et al. 2013, 2016; Gillon) | | | | | | |
| 3 | <input type="checkbox"/> | 2018Icar..301..219K | 2018/02 | | | |
| Hydrocode modeling of the spallation process during hypervelocity impacts: Implications for the ejection of Martian meteorites | | | | | | |
| Kurosawa, Kosuke; Okamoto, Takaya; Genda, Hidenori | | | | | | |
| .LyonsF.J.CieslaFast litho-panspermia in the habitable zone of the TRAPPIST-1 systemAstrophys. J. | | | | | | |
| 4 | <input type="checkbox"/> | 2018MNRAS.473..345W | 2018/01 | cited: 1 | | |
| Transit visibility zones of the Solar system planets | | | | | | |
| Wells, R.; Poppenhaeger, K.; Watson, C. A. and 1 more | | | | | | |
| around M-dwarfs, such as planets e, f and g in the TRAPPIST-1 system, which have periods of 6.06, 9.1 and 12.35 d, | | | | | | |
| 5 | <input type="checkbox"/> | 2018AJ....155...12L | 2018/01 | cited: 1 | | |
| Searching for the Transit of the Earth-mass Exoplanet Proxima Centauri b in Antarctica: Preliminary Result | | | | | | |
| Liu, Hui-Gen; Jiang, Peng; Huang, Xingxing and 21 more | | | | | | |



QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

"TRAPPIST-1"



Your search returned 228 results

“TRAPPIST-1”

Resort by reads

- ✓ AUTHORS
 - > Gillon, M 25
 - > Triaud, A 22
 - > Jehin, E 19
 - > Queloz, D 19
 - > Bolmont, E 14
- more
- ✓ COLLECTIONS
 - astronomy 224
 - physics 28
 - general 13
- ✓ REFEREED
 - refereed 96
 - non-refereed 94
- > KEYWORDS
- > PUBLICATIONS
- > BIB GROUPS
- > SIMBAD OBJECTS
- > DATA
- > VIZIER TABLES
- > GRANTS
- > PUBLICATION TYPE

- sort: descending
- Hide highlights Show abstract
- 2018MNRAS.473.5267M 2018/02 [Trapping of low-mass planets outside the truncated inner edge of protoplanetary discs](#)
Miranda, Ryan; Lai, Dong
with multiple coplanar, transiting planets, such as Kepler 11 (Lissauer et al. 2012) and the TRAPPIST-1 (Gillon et al. 2017) systems.
- 2018MNRAS.473.4672C 2018/02 [Stratosphere circulation on tidally locked ExoEarths](#)
Carone, L.; Kepvens, R.; Decin, L. and 1 more
like the TRAPPIST-1 planets, Proxima Centauri b, LHS 1140 b and GJ 667 C f (Anglada-Escudé et al. 2013, 2016; Gillon et al. 2017).
- 2018Icar..301..219K 2018/02 [Hydrocode modeling of the spallation process during hypervelocity impacts: Implications for the ejection of Martian meteorites](#)
Kurosawa, Kosuke; Okamoto, Takaya; Genda, Hidenori
. Lyons & J. Ciesla Fast litho-panspermia in the habitable zone of the TRAPPIST-1 system *Astrophys. J.*
- 40 2018MNRAS.473..345W 2018/01 cited: 1 [Transit visibility zones of the Solar system planets](#)
Wells, R.; Poppenhaeger, K.; Watson, C. A. and 1 more
around M-dwarfs, such as planets e, f and g in the TRAPPIST-1 system, which have periods of 6.06, 9.1 and 12.35 d,
- 50 2018AJ....155...12L 2018/01 cited: 1 [Searching for the Transit of the Earth-mass Exoplanet Proxima Centauri b in Antarctica: Preliminary Result](#)
Liu, Hui-Gen; Jiang, Peng; Huang, Xingxing and 21 more
(MMR) orbits (Yao 2012, 2014) 16–18. Note that the planets of TRAPPIST-1 in near

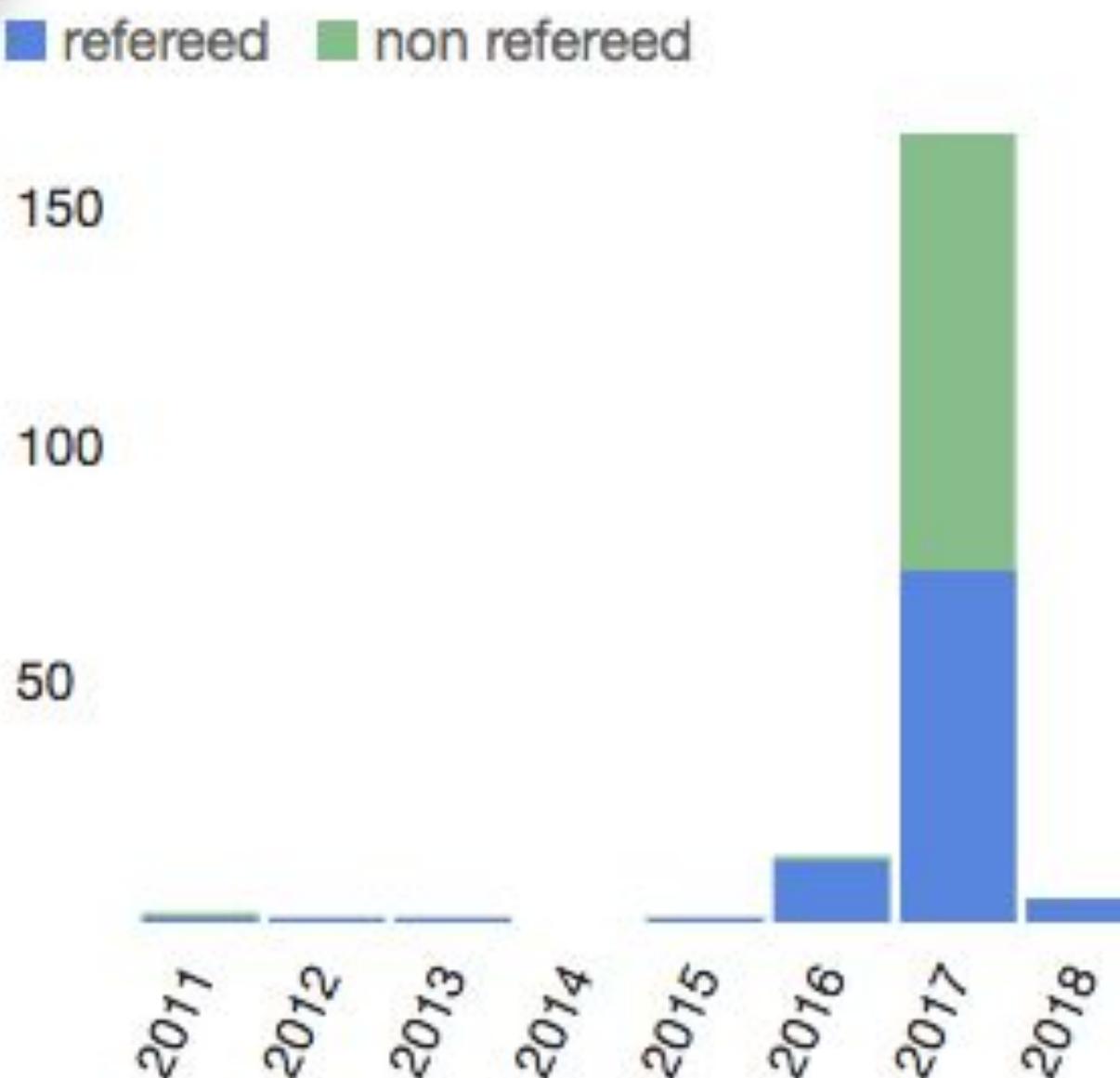
- descending
- Citation Count desc
Date desc
Read Count desc
Relevancy desc
First Author desc
Bibcode desc
- ascending
- Citation Count asc
Date asc
Read Count asc
Relevancy asc
First Author asc
Bibcode asc

[Export](#)[Explore](#)

0 selected

[Add papers to library](#)

Years Citations Reads



Limit results to papers from

2011 to 2018

[Apply](#)

QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms

"TRAPPIST-1"



Your search returned 228 results

sort: Read Count desc

[Export](#)[Explore](#)

“TRAPPIST-1”

Most read papers

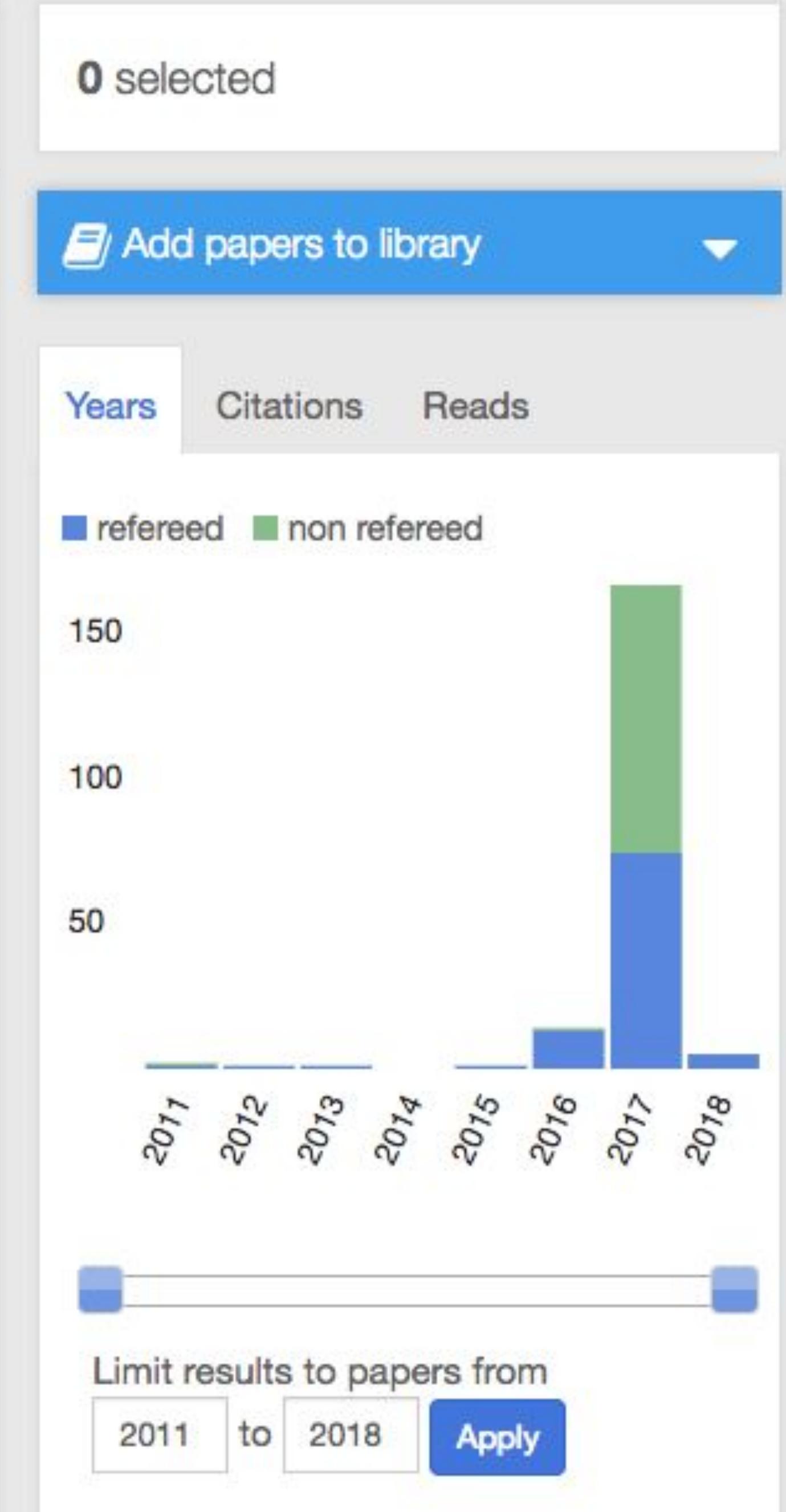
- ✓ AUTHORS
 - > [Gillon, M](#) 25
 - > [Triaud, A](#) 22
 - > [Jehin, E](#) 19
 - > [Queloz, D](#) 19
 - > [Bolmont, E](#) 14
- more

- ✓ COLLECTIONS
 - [astronomy](#) 224
 - [physics](#) 28
 - [general](#) 13

- ✓ REFEREED
 - [refereed](#) 96
 - [non-refereed](#) 94

- > KEYWORDS
- > PUBLICATIONS
- > BIB GROUPS
- > SIMBAD OBJECTS
- > DATA
- > VIZIER TABLES
- > GRANTS
- > PUBLICATION TYPE

- Hide highlights
- 1 2017Natur.542..456G 2017/02 cited: 128 [pdf](#) [grid](#) [list](#)
Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1
 Gillon, Michaël; Triaud, Amaury H. M. J.; Demory, Brice-Olivier and 27 more
Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1
to those of Earth revolve around TRAPPIST-1. The six inner planets form a near-resonant chain,
Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1 Michaël
- 2 2017arXiv171006209H 2017/10 [pdf](#) [grid](#) [list](#)
The nature of the giant exomoon candidate Kepler-1625 b-i
 Heller, René
diagram as Proxima b, the TRAPPIST-1 system, and LHS 1140 b. The capture of a Neptune-mass object
of the satellite-to-host mass ratio diagram as Proxima b, the TRAPPIST-1 system, and LHS 1140 b. The capture
- 3 2017arXiv171011134L 2017/10 cited: 2 [pdf](#) [grid](#) [list](#)
Is Life Most Likely Around Sun-like Stars?
 Lingam, Manasvi; Loeb, Abraham
Centauri, TRAPPIST-1 and LHS 1140 are inhabited is low. Planets around higher-mass M
- 4 2017arXiv171109908L 2017/11 [pdf](#) [grid](#) [list](#)
Subsurface Exolife
 Lingam, Manasvi; Loeb, Abraham
303(5654):59–62. Lingam, M. and Loeb, A. (2017a). Enhanced interplanetary panspermia in the TRAPPIST-1 system.



QUICK FIELD: Author First Author Abstract Year Fulltext All Search Terms ▾

"TRAPPIST-1"



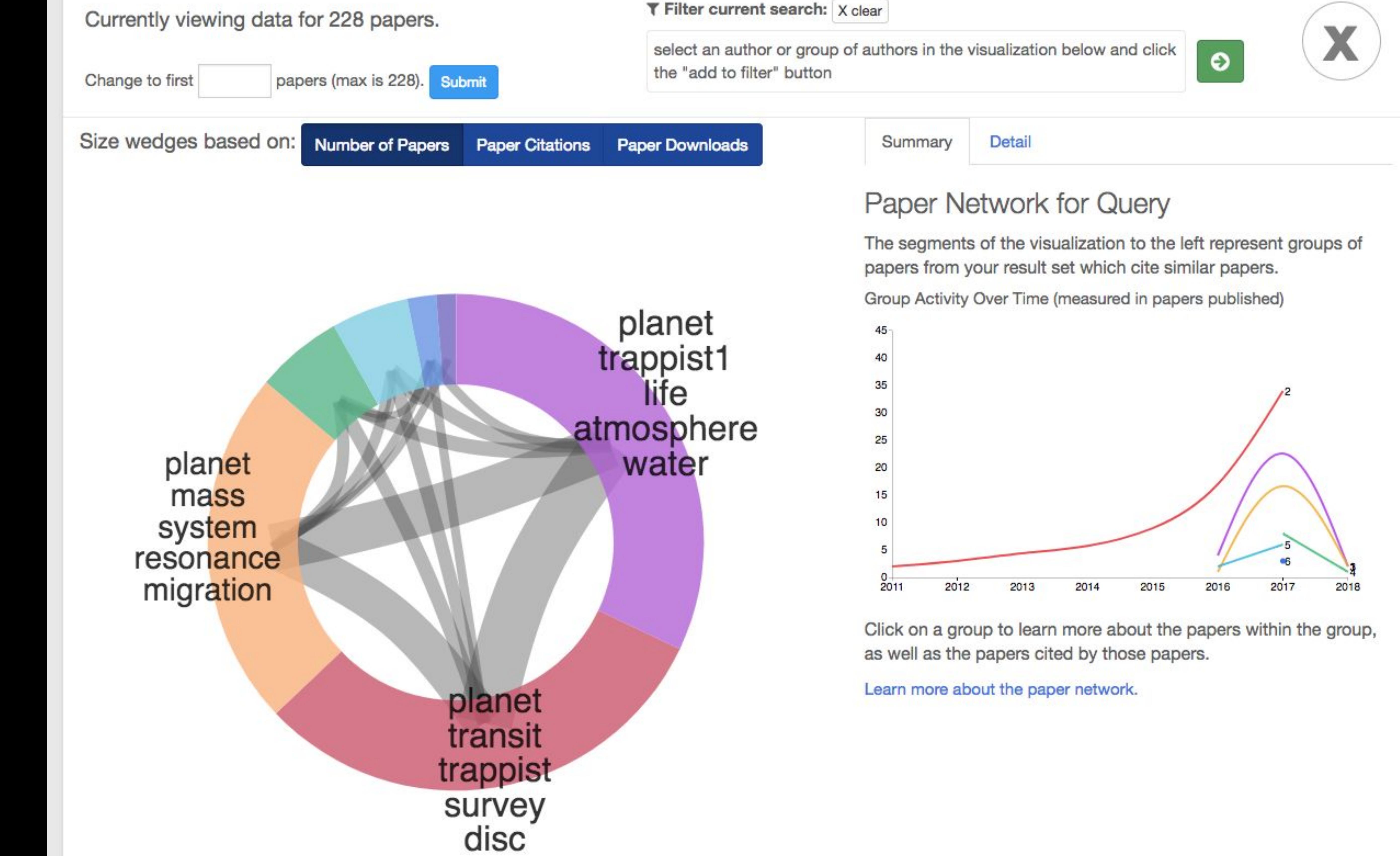
Your search returned 228 results

sort: Read Count desc ▾

[Export ▾](#)[Explore ▾](#)

“TRAPPIST-1”

Paper network



QUICK FIELD: [Author](#) [First Author](#) [Abstract](#) [Year](#) [Fulltext](#) [All Search Terms](#)

"TRAPPIST-1"

x Q

Your search returned **228** results

sort: Read Count desc

 Export ▾

 Explore ▾

“TRAPPIST-1”

Author network

Currently viewing data for 228 papers.

 Filter current search: X clear

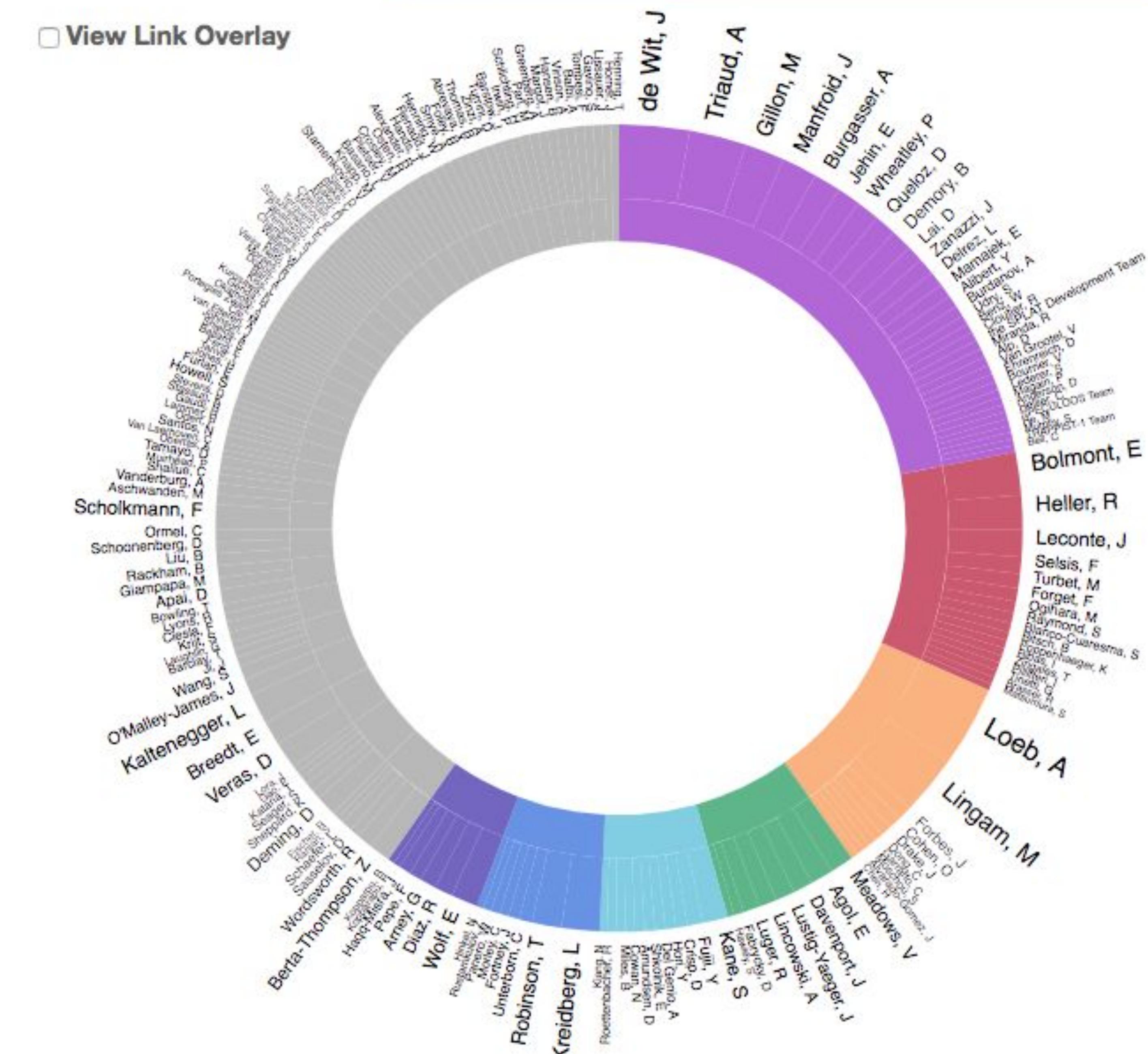
[Change to first](#) [papers \(max is 228\)](#). [Submit](#)

select an author or group of authors in the visualization below and click the "add to filter" button

Size wedges based on: [Author Occurrences](#) [Paper Citations](#) [Paper Downloads](#)

Summary Detail

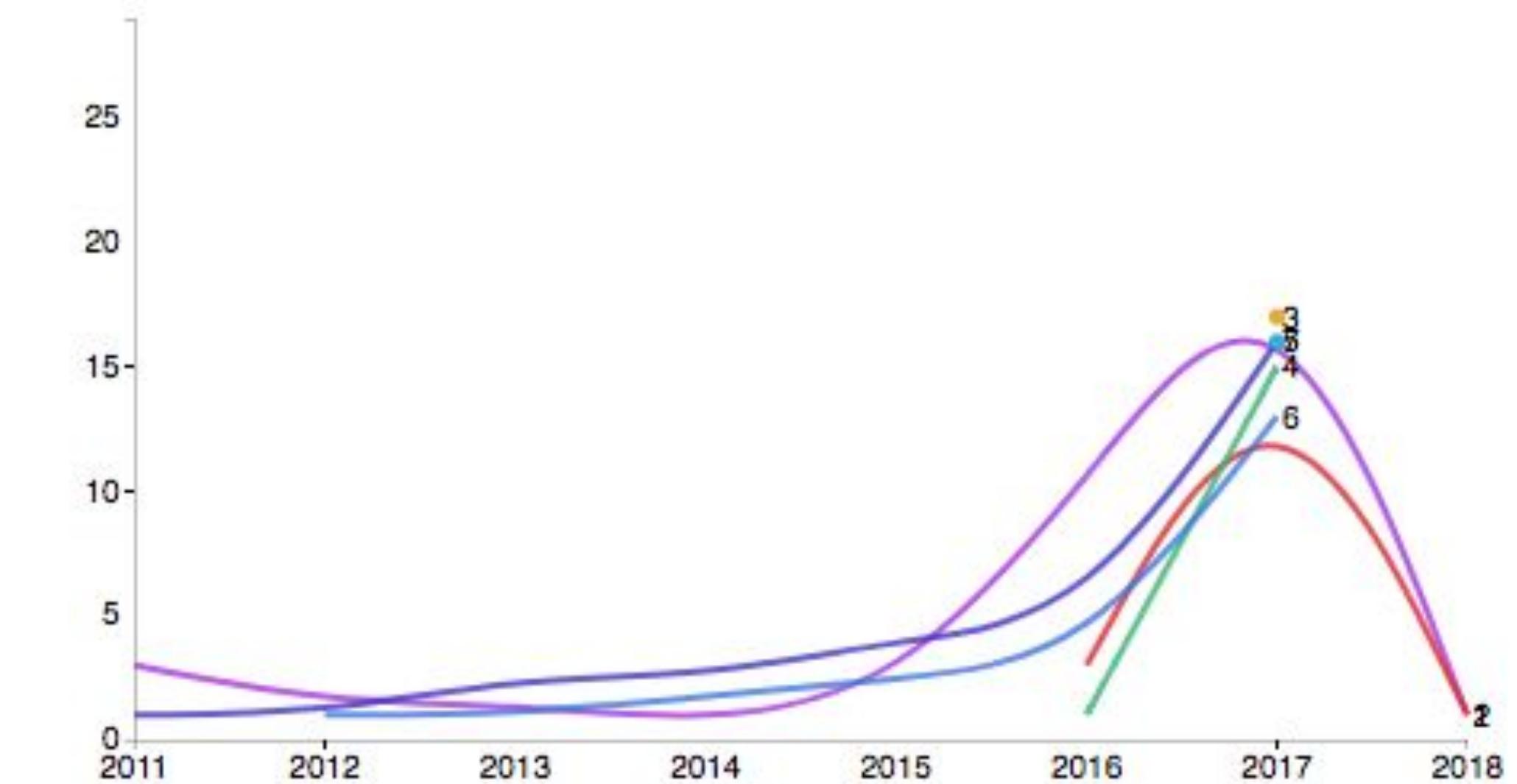
View Link Overlay



Author Network

This network visualization finds groups of authors within your search results. You can click on the segments to view the papers connected with a group or a particular author.

Group Activity Over Time (measured in papers published)



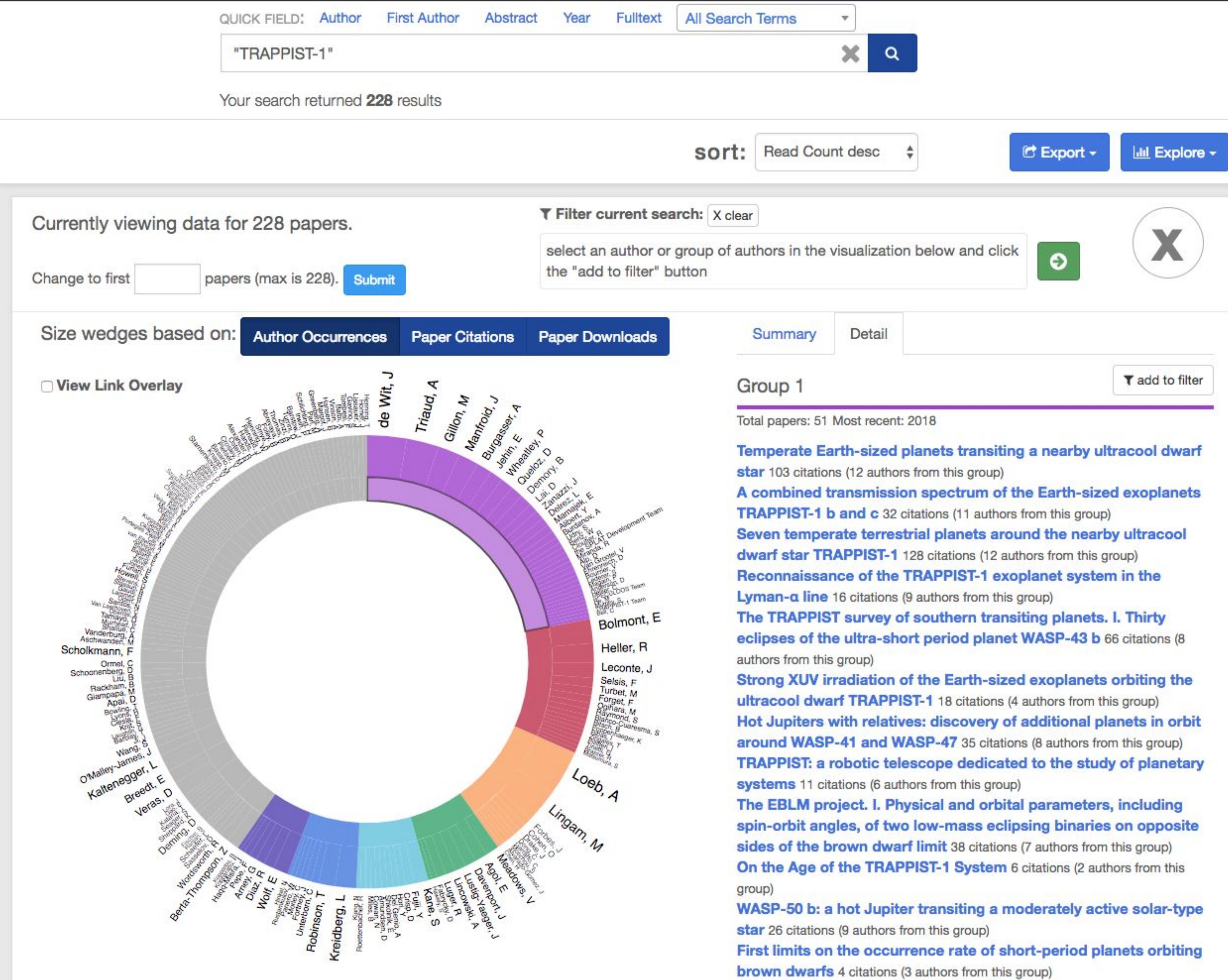
[Learn more about the author network.](#)

If you are interested in seeing the author network for another author, you can do that directly by clicking on the author in the ring visualization, then clicking the button at the top.

You can zoom and drag the visualization to reposition it.

“TRAPPIST-1”

Author network exploration





More search options...



More search options...

Search fulltext

full:(HST or JWST)





More search options...

Search fulltext

full:(HST or JWST)



Acknowledgments

ack:ADS





More search options...

Search fulltext

full:(HST or JWST)



Acknowledgments

ack:ADS



Affiliations

aff:(Harvard or HCO or SAO)





...than you asked for



...than you asked for

Citation search

citations(author:“kurtz, m”)





...than you asked for

Citation search

citations(author:“kurtz, m”)



“data” search

data:(CXO or XMM) data:HST





...than you asked for

Citation search

citations(author:“kurtz, m”)



“data” search

data:(CXO or XMM) data:HST



ORCID search

orcid:000-0002-4110-3511





astrophysics data system



ads.harvard.edu

Send Query Return Query Form Store Default Form Clear

Databases to query: Astronomy Physics arXiv e-prints

Authors: (Last, First M, one per line) SIMBAD NED ADS Objects
 Exact name matching Object name/position search
 Require author for selection Require object for selection
(OR AND simple logic) (Combine with: OR AND)

Publication Date between and
(MM) (YYYY) (MM) (YYYY)

Enter Title Words Require title for selection
(Combine with: OR AND simple logic boolean logic)

Enter Abstract Words/Keywords Require text for selection
(Combine with: OR AND simple logic boolean logic)

Return 200 items starting with number 1

@adsabs

Booth #630

Feedback Help Sign Up Log In

SEARCH FIELD: Author First Author Abstract Year Fulltext Reviews(...) Citations(...) References(...)

Search Form ▾ author:kurtz,m

Your search returned 331 results

Sort: Publication Date ▾ Export ▾ Explore ▾

0 selected select all on page

Years Citations Reads

non-refered
refered

Limit results to papers from 1964 to 2015 Apply

1 2015ASPC..492..208G 2015/04 cited: 2 Enabling Meaningful Affiliation Searches in the ADS Grant, C. S.; Thompson, D. M.; Chyla, R. and 6 more

2 2015ASPC..492..80H 2015/04 cited: 1 Computing and Using Metrics in the ADS Henneken, E. A.; Accomazzi, A.; Kurtz, M. J. and 6 more

3 2015ASPC..492..150T 2015/04 cited: 1 Saving the Orphaned Astronomical Literature Thompson, D. M.; Henneken, E. A.; Grant, C. S. and 6 more

4 2015ASPC..492..189A 2015/04 cited: 1 ADS: The Next Generation Search Platform Accomazzi, A.; Kurtz, M. J.; Henneken, E. A. and 7 more

5 2015arXiv150305891C 2015/03 ADS 2.0: new architecture, API and services Chyla, Roman; Accomazzi, Alberto; Holachek, Alexandra and 7 more

6 2015AAS...22533668H 2015/01 Online Activity Around Scholarly Astronomy Literature - A Discussion of Altmetrics Henneken, Edwin A.; Accomazzi, Alberto; Kurtz, Michael J. and 3 more

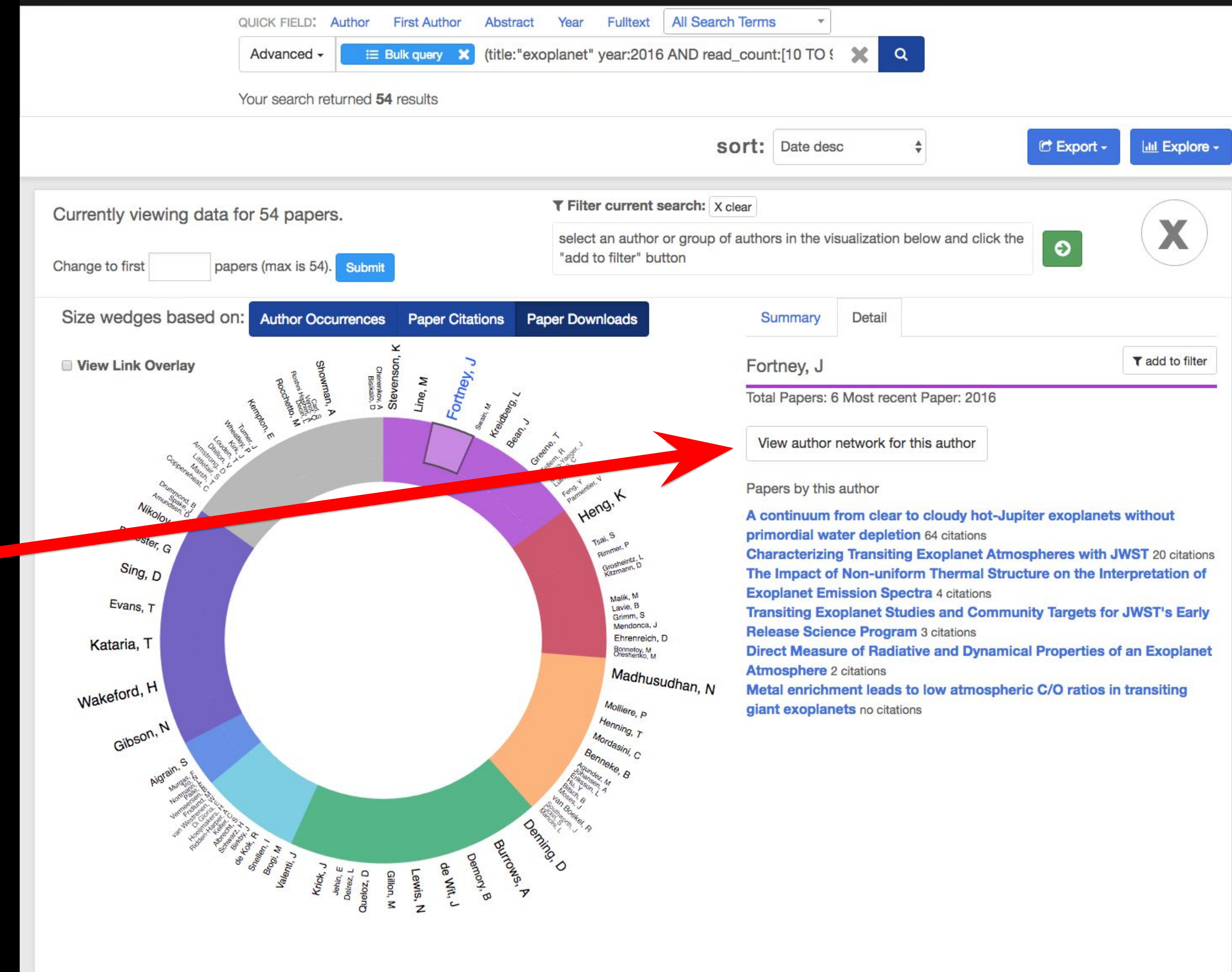
7 2015AAS...22533655A 2015/01 Improved Functionality and Curation Support in the ADS Accomazzi, Alberto; Kurtz, Michael J.; Henneken, Edwin A. and 6 more

8 2014ATM...18..711K 2014/11 Acousto-timесcale characterisation of symmetric and asymmetric multidimensional hot spots

title:“exoplanet”
year:2016

Author Network for Group 2

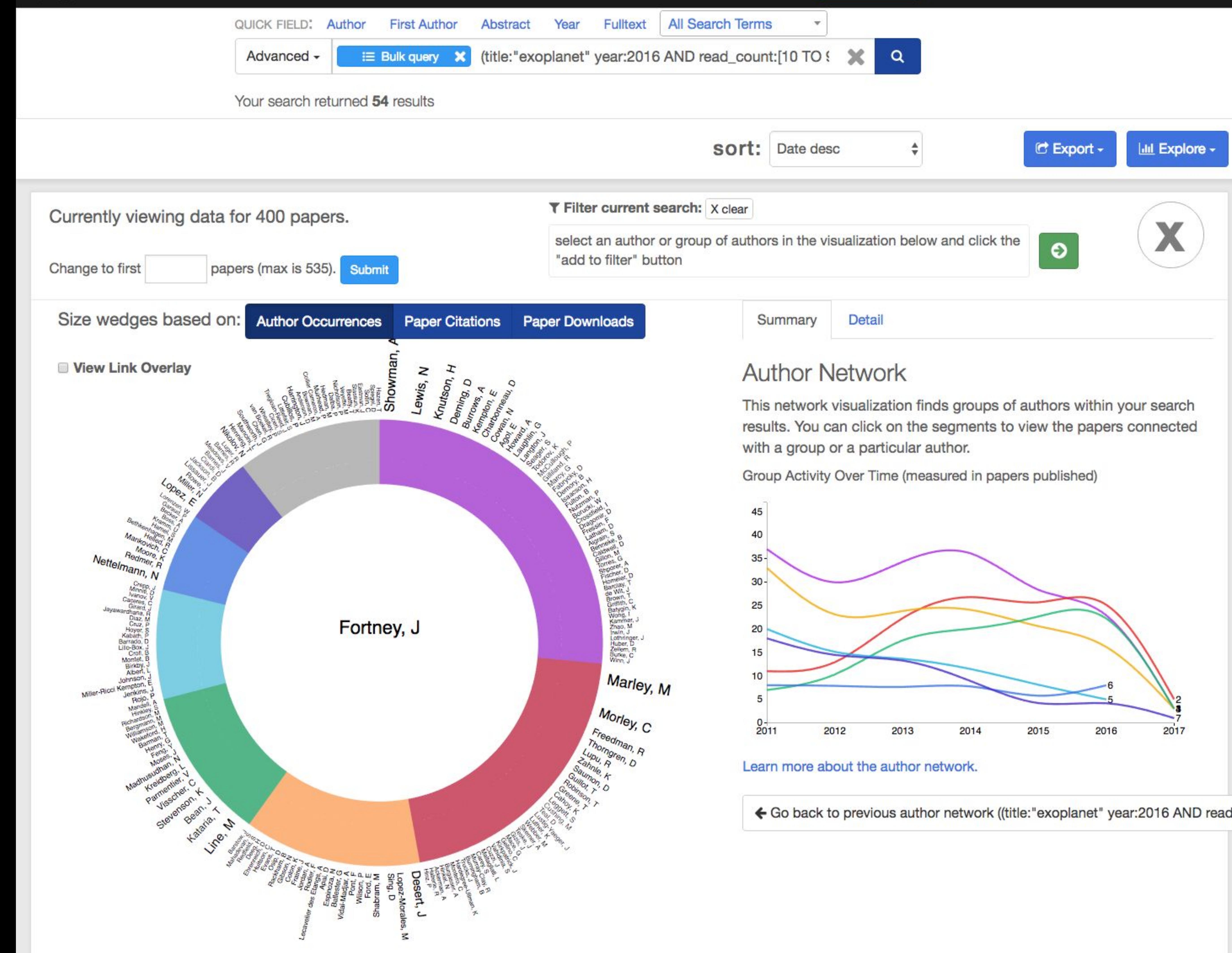
Choose an author
(Fortney, J), get his
author network



title:“exoplanet”
year:2016

Co-author network
for J. Fortney

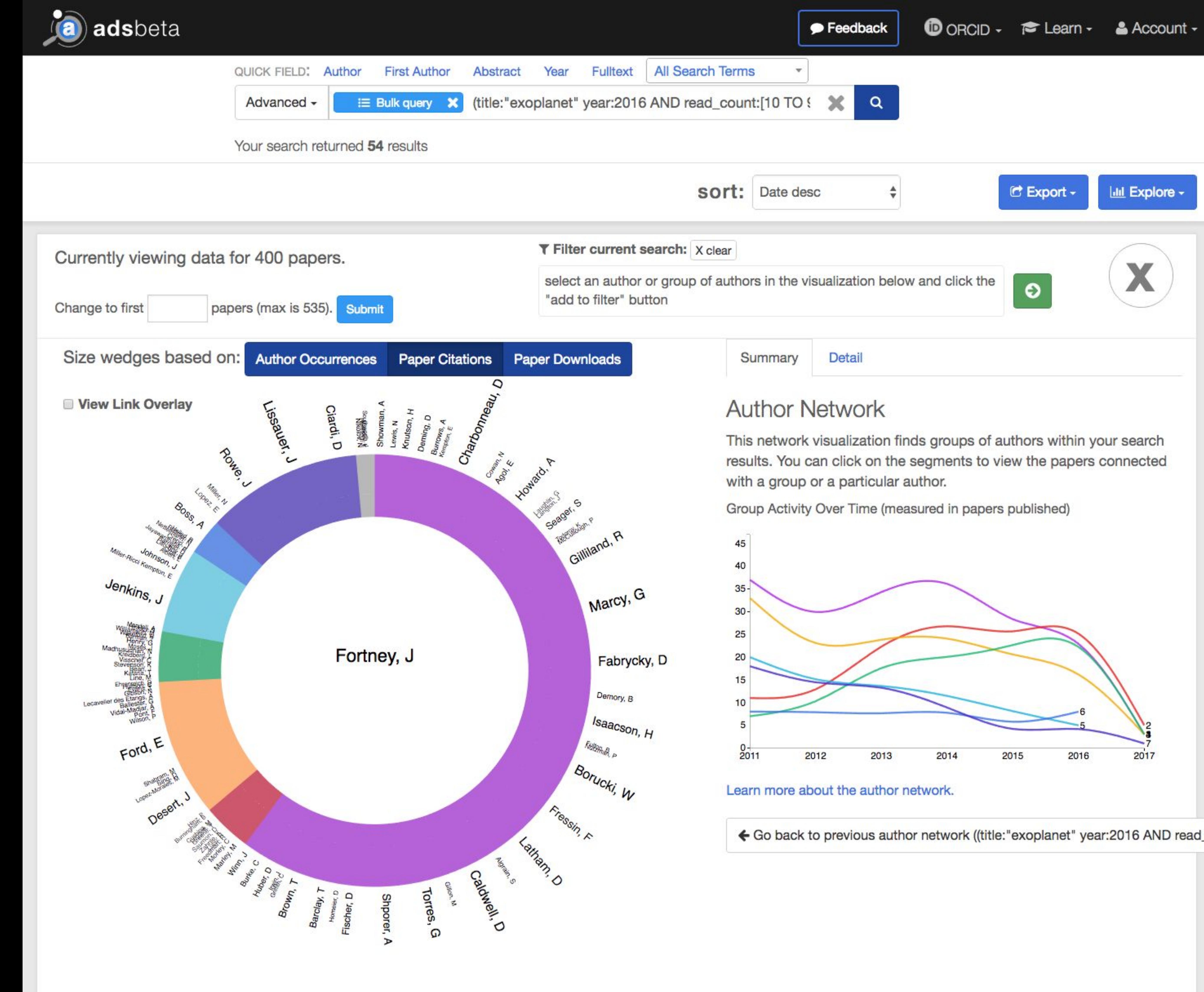
Weighted by number
of papers



title: “exoplanet”
year:2016

Co-author network for J. Fortney

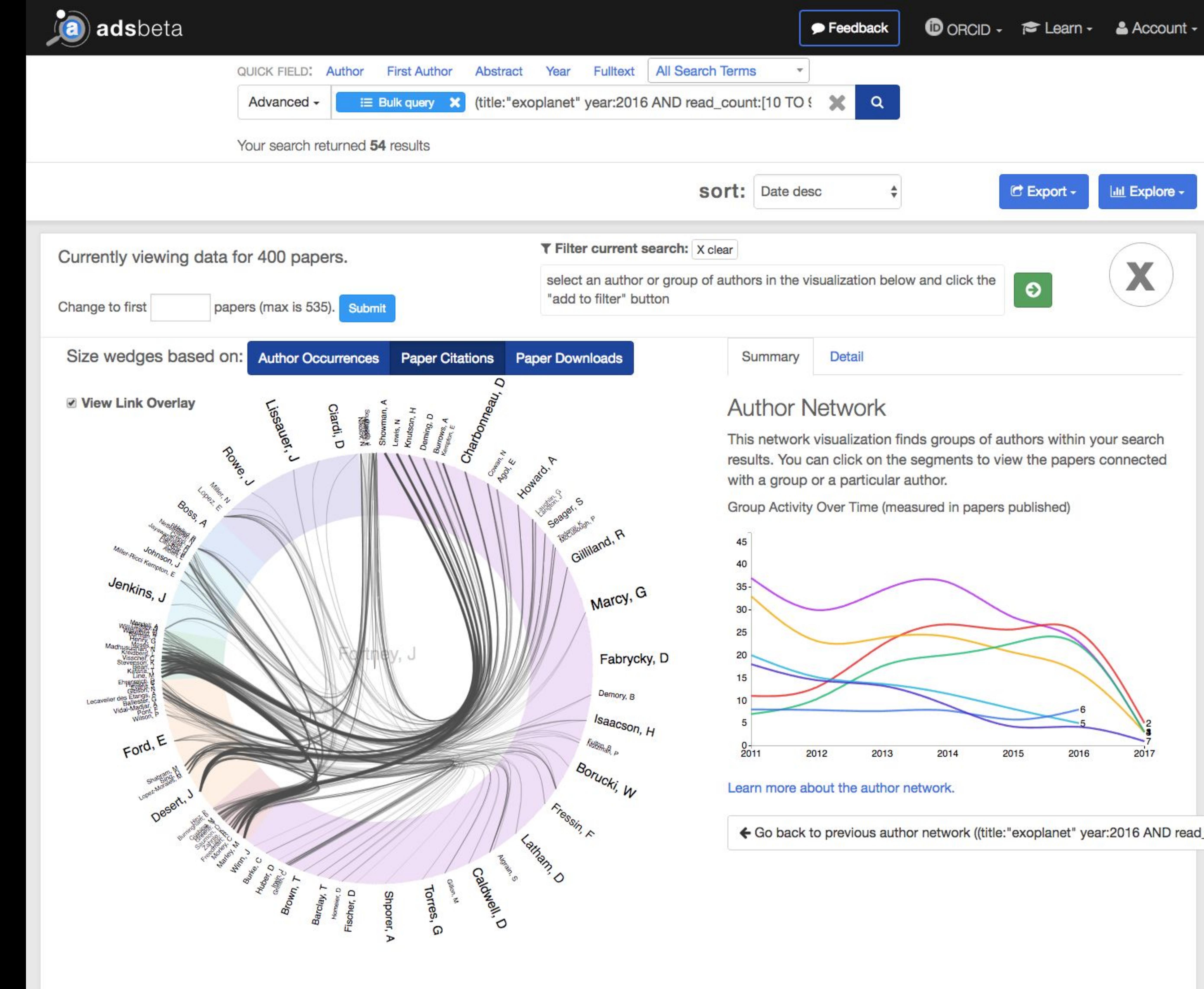
Weighted by number
of citations



title:“exoplanet”
year:2016

Co-author network for J. Fortney

Showing relationship among co-authors





When?



April 2018

All functionality
and content of
ADS Classic
available in ADS
Bumblebee

October 2018

Use of ADS
Classic
discouraged in
favor of
Bumblebee

April 2019

ADS Classic
search
discontinued,
redirected to
Bumblebee