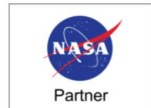


# 2025 ADS User Survey Summary

Jennifer Lynn Bartlett,  
Suze Kundu, & ADS Team  
[jennifer.bartlett@cfa.harvard.edu](mailto:jennifer.bartlett@cfa.harvard.edu)

*ADS Users Group Meeting, 20-21 November 2025*



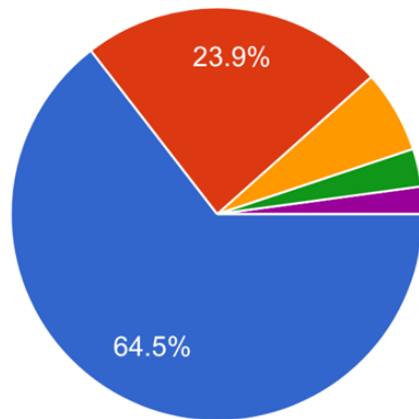
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# How frequently do you use ADS?

How frequently do you use ADS to search for scientific literature and data?

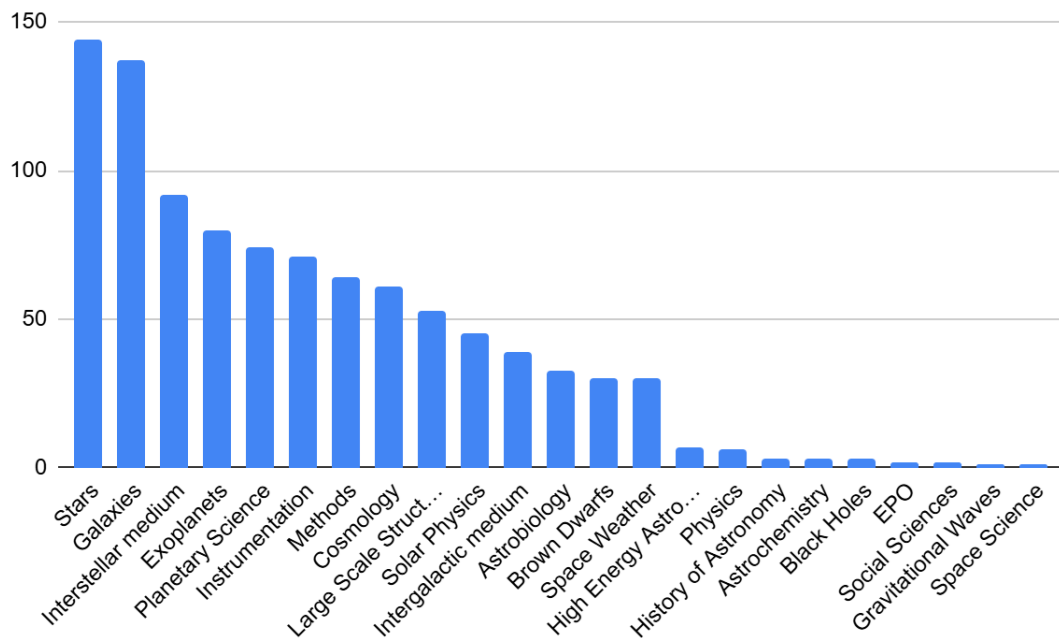
372 responses



- Daily
- Weekly
- Monthly
- Rarely
- This is my first time



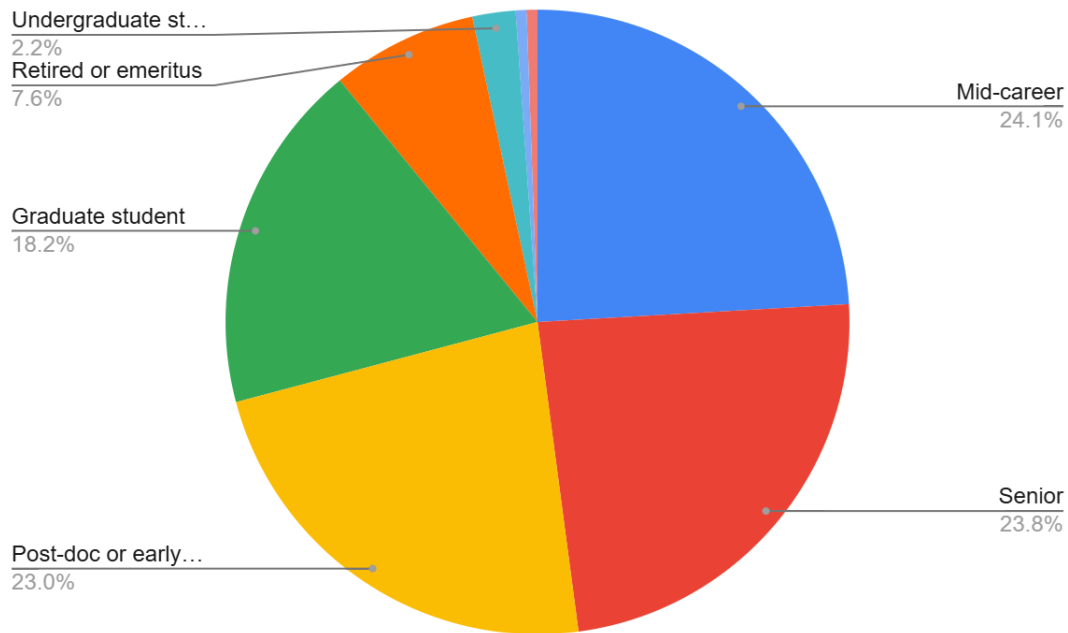
# What is your primary field of inquiry?



362 responses  
AI summary used



## What is your career stage?

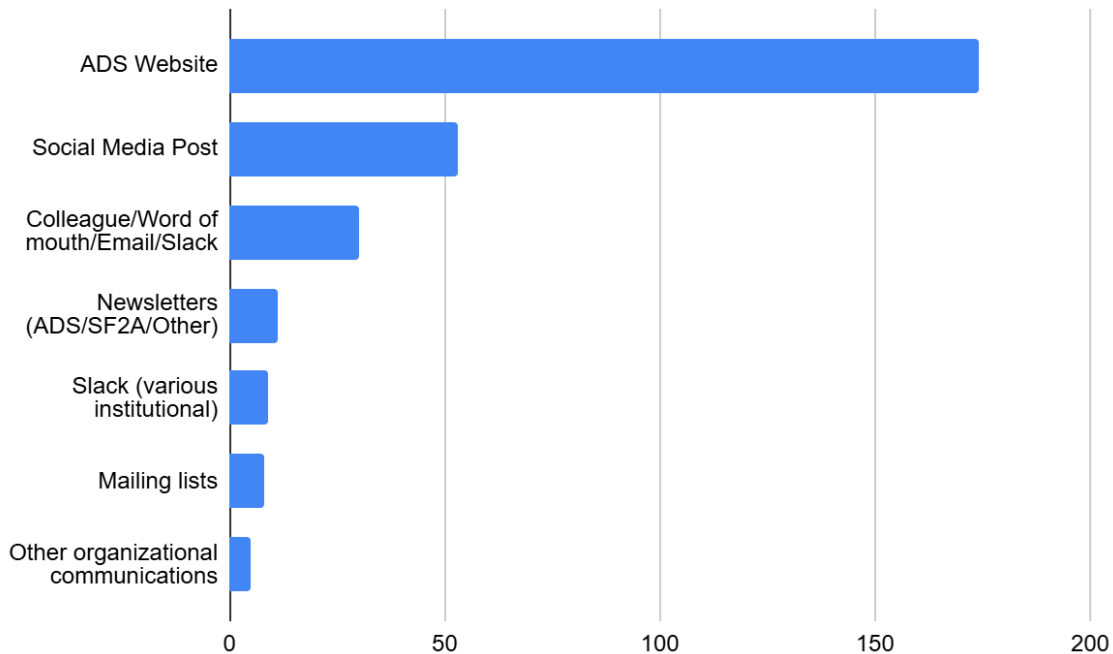


365 responses  
AI summary used



# Where did you find the invitation to this survey?

- SF2A newsletter 2x more responses than ADS newsletter
- Blue Sky usually when open social media channel mentioned by name

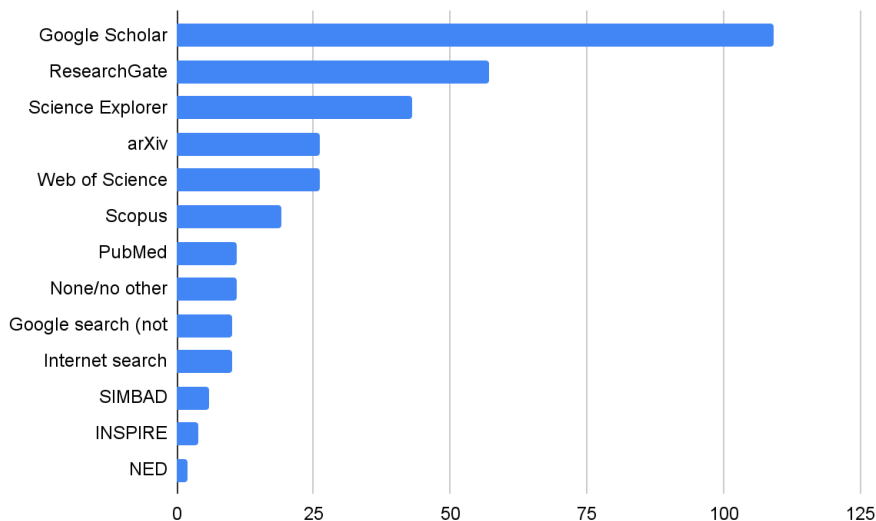


370 responses

AI summary used



# What else do you use for searching the scientific literature?



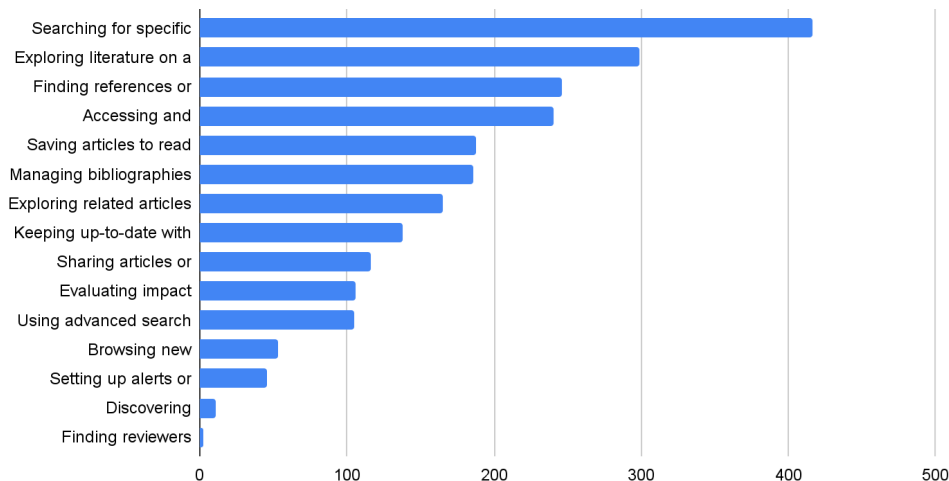
288 responses

Single mentions:

Benty Fields, HAL, VizieR, WorldCat,  
Research community webpages,  
Research library, Social media



# What tasks do you perform with your preferred tool?



369 responses

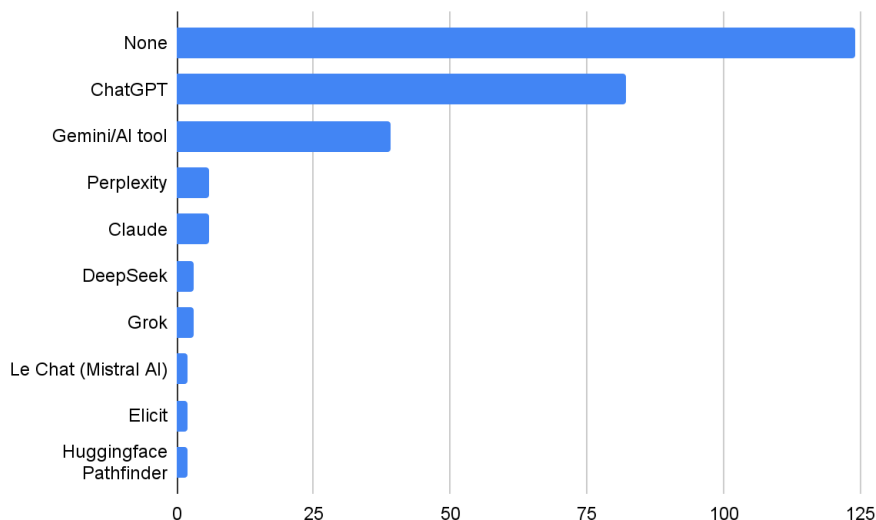
Single mentions:

Submitting missing records, references, and corrections; use the ADS python library to do queries via scripts; prepare coauthor lists for grant proposals; "wikiwalking" through academical literature websites





# What AI tool do you use for searching the scientific literature?



364 responses

124 None

151 Something

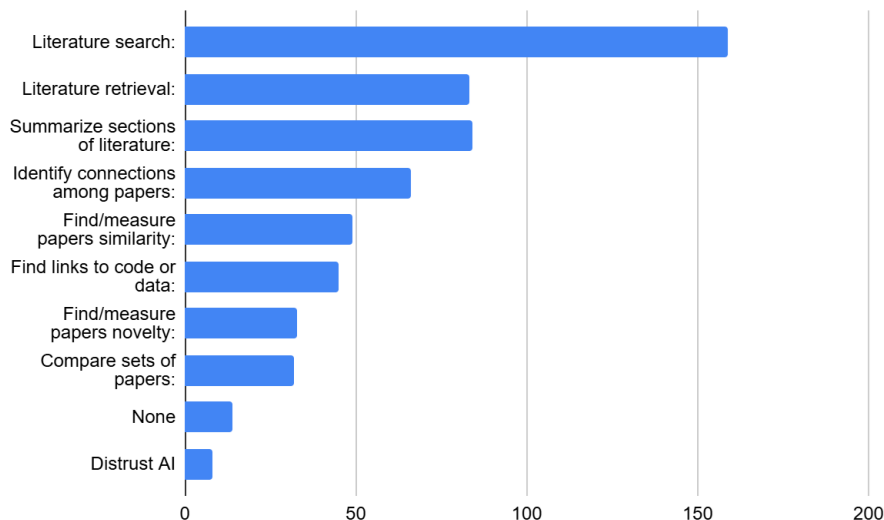
Single mentions:

Connected Papers, Copilot,  
ScienceOS, STORM, AI Translate,  
Educational Institutions





# With what tasks do/would you use AI tools to assist you?



236 responses

Single mentions:

Provide references to specific queries,  
Evaluate connection to a specific  
observatory, Answering questions,  
Generate BibTeX entries, AI  
translation, Proofreading,  
Astronomical literature data mining,  
Read documents, Writing code



## Describe a recent task using ADS

### Searching for topic

- ADS comes into play almost every day. Our research is about the nature of extragalactic redshift and related aspects of the spectral lines. We are essentially data mining the large redshift surveys, and sometimes the small.
- Searching for papers related to astrodynamics. The search results were closely related to my keywords, which was good, but some of their full texts are unavailable.
- I used ADS abstracts in the past week to review the scientific literature on some very specific nearby starburst galaxies. I found the papers with the information that I needed for my technical documentation.
- writing a Hubble Space Telescope manuscript on Antares (alpha Sco), a historically well observed objects, so much disparate data to research and synthesis
- Today morning I was in the search of the recent findings in the field of Herbig Ae/Be stars. I know some authors working in this field and author search helped very much to find the paper I'm interested in
- I am doing a study addressing liabilities of AI-based autonomous vehicles and their challenges. To this analysis, I am studying the functionality and challenges associated with the autonomous vehicles. Most challenges are finding the dataset that is authentic and is available in the public form, lack of standardisation, technical complexity of ADS, and resource constraints, basically.
- searching for a journal about a given topic, there were thousands of them and they were not all directly connected to the topic submitted
- comet astrometry
- Finding out how orbital periods of binary star systems have been measured, since I found one that clearly is wrong.
- Find literature dealing with polarization of decameter solar emission; Issue: some papers are not accessible from my library
- exploring old papers on a topic.
- Researching blasar articles



## Describe a recent task using ADS

### Searching for topic

- ADS comes into play almost every day. Our research is about the nature of extragalactic redshift and related aspects of the spectral lines. We are finding articles on measurements of magnetic fields of white dwarfs
- search for "moon" "dust"
- Locating papers relevant to a particular subject
- Searching by *content (outside of title and abstract)* would be a nice feature.
- I searched for papers on a specific topic, I wrote some keywords in the Abstract field, the resulting list was fine.
- Perform systematic literature review to see if current research project had been done before. Review went smoothly, no challenges.
- I recently started an internship where I had to read up on a subject I was not very familiar with. I searched keywords first, then started going through references and citations.
- The keyword search functionality could be made better. I almost always use google to search for papers I have not read before for literature search and then use ADS's citation feature to find related papers. But the **first search is usually on Google**.
- cosmic ray variation with solar cycle
- Time domain analysis in AGN, which I wasn't familiar with. The library feature helps a lot in storing and reading the bibliography later, but there is a way to classify papers and reviews in terms of familiarity and expertise in the field, so that one can then go and read the corresponding level of understanding the field.



## Describe a recent task using ADS

### Maintaining list of my own publications

- I use my public ADS library as up to date publication record and link it in my CV or applications. By doing so, I provide access to the current citation count, metrics and indices, proof of open access publications (mostly through ArXiv) and access to full-pdf articles
- Putting together a library to be used to obtain a link to my publications for a job application. Printing a summary of my citation record for a job application. All went well.
- I keep track of my own papers in libraries for keeping for CV, applications, citations. Make also collections of paper using libraries.
- List of my yearly publication list for an activity report
- generating publication list for job review
- Updating my Library for my website. It would be great to compare easily the difference between that and all papers that match my name (or my likely cluster in case my name were too common)
- I use the libraries all the time to update my publication list
- I needed to update my CV for a grant proposal, and in particular to decide which research products to include. I searched for myself and added the entries to the private library that I use for this purpose. Because there are a few people with similar names, it was helpful to be able to exclude certain name patterns from the search results. ADS worked magnificently and saved me a huge amount of time. I don't think I was able to find all of my research products that I had uploaded to Zenodo. I would have liked to export the works I am author of to my ORCID page, but I didn't know how to. I would have also liked to **include releases of software on the Python Package Index (PyPI)**, though Zenodo records suffice for that when they make it on ADS. I do find it helpful to be able to export references in a custom format, in particular since I often need everyone on a long author list (and Zenodo has often truncated it). Overall, I found the experience of using ADS to be extremely helpful for these purposes and thank you for everyone's hard work on this!
- Updating own CV. Some clunkiness understanding how to use the various flavors of ADS library, but mostly ok



## Describe a recent task using ADS

### Preparing publication reports

- For a report, I had to collect all of my group's publications by year. Due to the updating of the references to the articles, I was unable to extract the citations received in the past month.
- For quarterly assessment purpose, I needed to list all papers citing the instruments I'm the PI of. It worked pretty well!
- Producing publication lists for grant reporting - the full text search and links to orcid have made this task relatively easy.
- I compiled bibliographies for my research institute. Generally, ADS helps a lot with collecting all publications. However, *finding all variations of how my institute is spelled or mentioned is difficult*. And the way how metadata of non-refereed articles (e.g., conference papers, are stored isn't consistent. They vary between issues.

### Finding referees

- I frequently use ADS as a tool for identifying potential referees of research papers. There's an art to this - it's not a simple query and automated tools are bad. Running a combination of multiple ADS queries (e.g. to identify an initial list of names, then examining the publication records of each) is invaluable.
- Had to find authors who were not close collaborators to a specific individual. Tried to use the author network tool. It is OK but **not clear what the color coding means**.



## Describe a recent task using ADS

### Tracking citations

- Also to keep up with citations to my papers, but it's lagging behind Google Scholar and ResearchGate.
- I published a full-length book in 2023 (Supermassive Black Holes, Cambridge University Press). There seems to be some problem with citations, as Google Scholar has found several more. While some are in journals which are not core astrophysics, several are in ApJ for example. I suspect this has something to do with the way book publications are recognised by ADS, as initially it listed apparent citations in fields such as biochemistry etc until I pointed out that these could not be genuine.
- Assessing citations for a research center. The ADS API eventually allowed it, but it took some experimentation to get it working.
- Calculating statistics on the usage and citations of data from a specific observatory.
- I daily search new citations on my article. It works perfectly.
- Finding the highest impact papers associated with a particular telescope over a 10-year period. Determining which papers included new observations or data from the telescope as opposed to interpreting already published results was difficult.
- Keeping track of a recently published asteroid photometry observation report.



## Describe a recent task using ADS

### History of Astronomy

- I'm the AAS-HAD's podcaster, and I've written (4) chapters for the BEA 3rd ed. At some point (when the criminals & thieves have left the White House), it would be nice if ADS could hire a PT contractor to clean up older references on the system. I found quite a few errors in listings from the early to mid 20th century.
- Solar Physics, History of Astronomy
- History of Astronomy projects
- history of O'Connell Effect binaries. It was made a solid start.
- I was looking for people who worked in a certain field using particular instruments. It is not easy to do specific filters on the text of an article that yield useful results.
- Searching for characteristics of telescopes used by E. E. Barnard for his photos





## Describe a recent task using ADS

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## Describe a recent task using ADS

### Object search

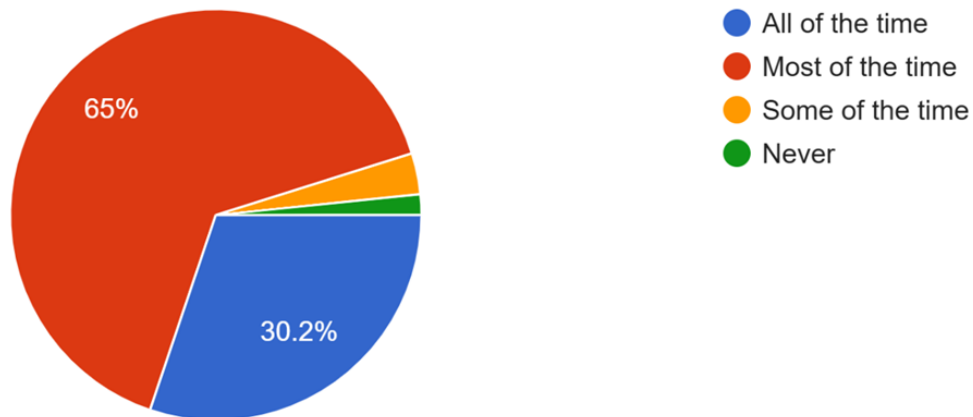
- I looked for historical references to a specific source (Fairall 9). It returned articles with the title Fairall 9 but for example not a discovery paper. For that, I had to check a few oldest papers I found. In general, I **do search frequently with ChatGPT** if I do not know the author, but next I looked at the suggested papers through ADS
- Searching latest papers on Apophis.
- Finding literature on a specific astronomical object. Worked well, although sometimes is very name-specific so combining the search with the SIMBAD literature list is useful.
- Searching for references to a specific variable star. The results returned for fine,
- Using a large number of ALMA archive images as supporting data. The archive gives all papers citing a project, I used ADS+SIMBAD to find papers including specific objects. Needed help **from ADS expert to get correct object ID format**.



# How often do you find what you need?

How often are you able to find what you need on ADS?

371 responses





## What types of content or resources are difficult to find?

14 responses from 18 who said they found what they needed “some” or “never”

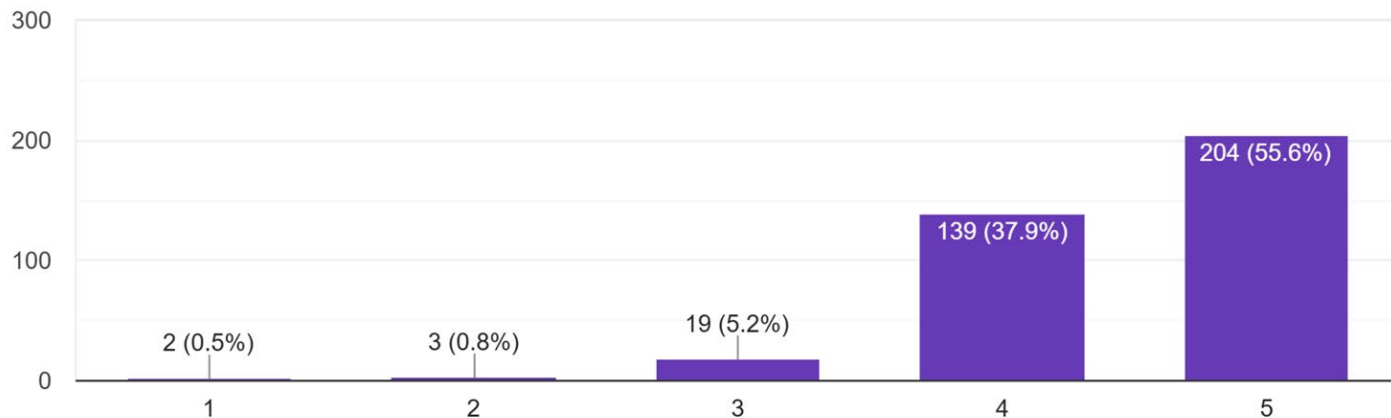
- Instrumentation literature that's relevant but not published in astro-related journals
- case studies; latest technological advancement related paper
- Older and less widely distributed academic journals
- Searching by basic keyword, abstract, and topic is challenging if you don't have the precise topic name or have heard an author name out loud, but never seen it written down...
- 90 % it's paywalled one way or another.
- Linguistic
- Plant materials from foreign countries that I can legally get...
- nfs
- Almost all
- No opinion x 3
- Nonsense x 2



# How relevant are your search results?

How relevant are the search results you get to your research needs?

367 responses

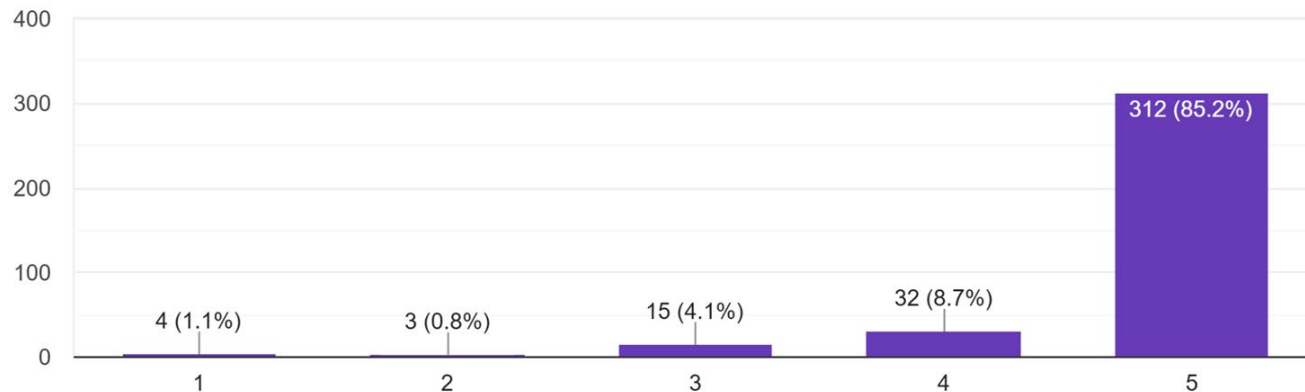




# How likely are you to recommend ADS?

How likely is it that you would recommend the use of the ADS digital library portal to a friend or colleague?

366 responses

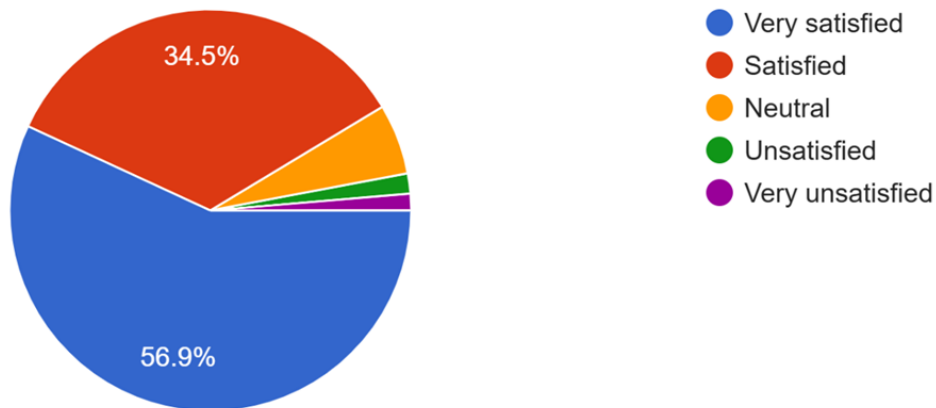




# How satisfied are you with current ADS features?

How satisfied are you with the current features of ADS?

371 responses







## What is unsatisfactory and what should be improved?

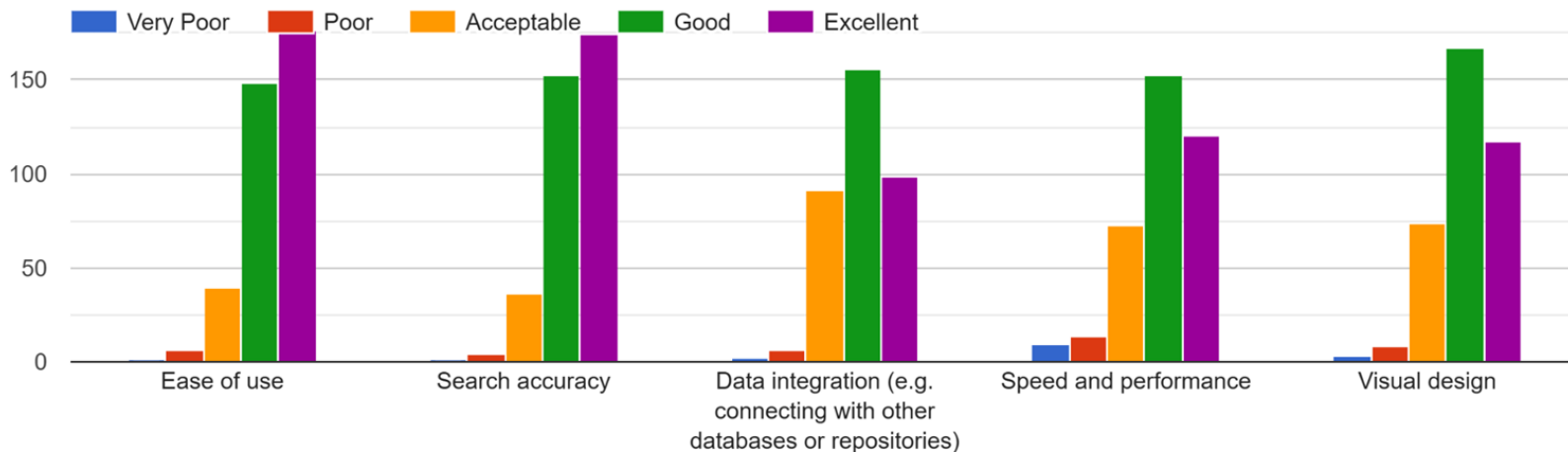
10 responses from 11 who said they were “dissatisfied” or “very dissatisfied”

- ...Search hangs and does not produce results... x2
- I would suggest making the connection with ORCID simpler, and enabling the publications from ORCID to be automatically available in ADS.
- Search tool and display features have been updated. Not user friendly for me. Much poorer than old "Classic" search
- The current JavaScript interface is cumbersome when searching for references and citations
- Usually difficult to navigate through the website
- ADS is very good for researching literature for a book
- Fix 'What cannot be said in Science' Mott Greene in Nature, 1980s ?
- Nonsense x 2



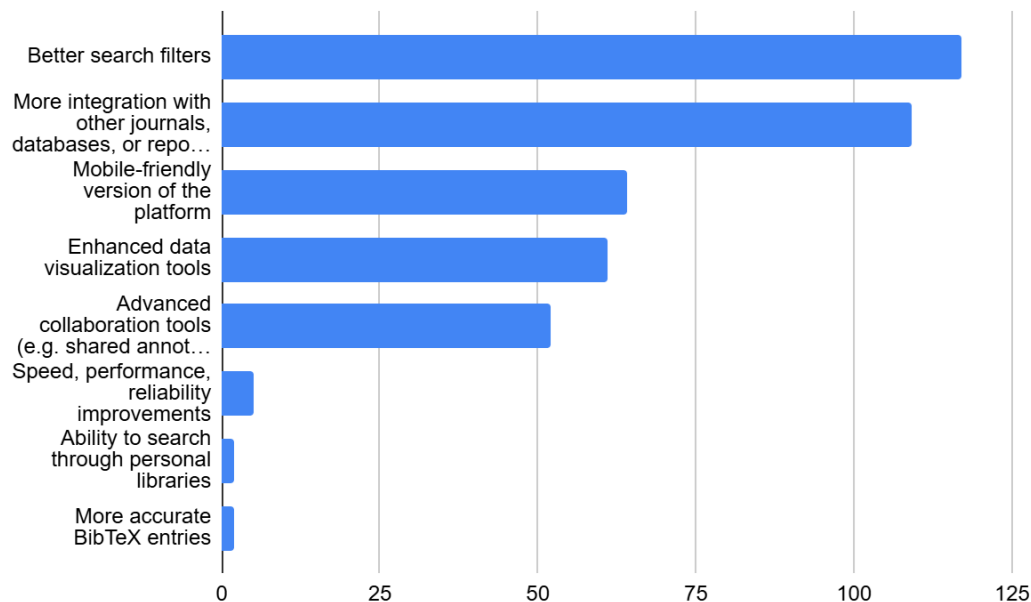
## Rate the following aspects of ADS:

Please rate the following aspects of ADS.





## What improvements would you like?



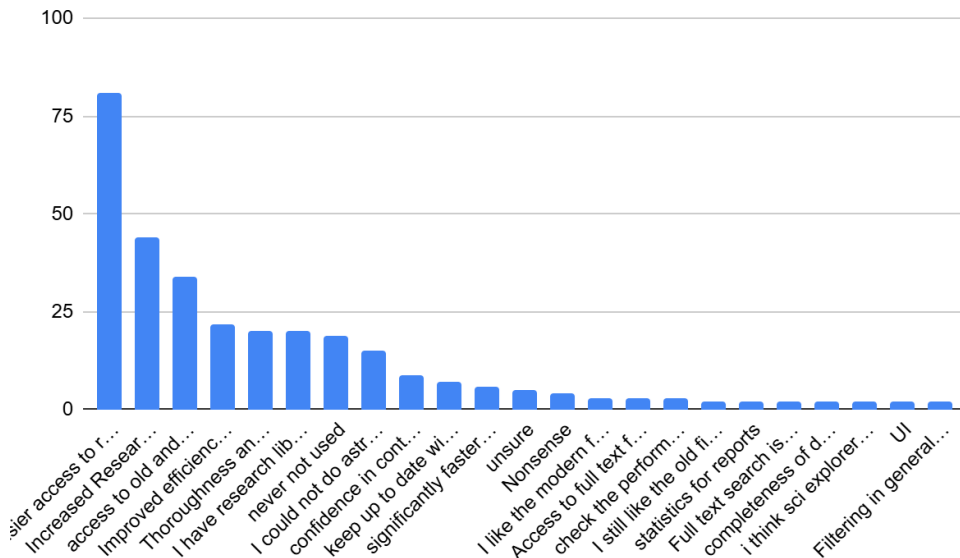
230 responses

### Single mentions:

Improved citation metrics, Easier search language, Default options, Copyable citation outputs, Ability to calculate h-index, Target searching improvements, *API documentation*, Desktop app similar to Zotero, **Tutorials for advanced search**, **Better image extractor (with API)**, *Option to export simplified list of papers*, *Ability to paste list of bibcodes*, Improved handling of references in arXiv submissions, Full text search for all papers since 2000, **Recommendation of last name spelling**, Recommendation of co-authors, Laptop version for slow links, **Improved author name search**, **Tracking evolution of top 100 most cited papers**, Ability to de-select false synonym matches, *Filter out specific research field papers*, More standardized metadata ingestion, Import other metrics similar to Scopus/Elsevier, *Notes/comments section for personal library*, *Ability to run more than 5,000 queries*



## What has ADS improved for you?



192 responses

### Single mentions:

Funding councils in advanced nations use ADS as the legal definition of whether publications exist, and whether they're refereed or not.; it is probably the most important non-data related tool for astronomy available in the world.; With ADS, I was able to fully research my subjects for the (4) chapters I wrote for the Biographical Encyclopedia of Astronomers 3rd ed.; Daily workflow; In the old days there used to *be a link to a pdf file* very useful; More use of ADS for me, means more publications in ADS by me; interaction with other researchers through citations; Confirmation of concepts; I wish I could make *notes in personal libraries*; need easy way to exclude certain search results, *like -abs=""*; Access to new data ... is complicated by authors who host external data themselves (e.g., catalogues, images) rather than using an existing service which ADS readily links to.; The PDFs are better now that 25 years ago, and more resources are available.; Metrics though ADS stopped allowing iframes to embed it.; Much faster maintenance of CV information; investigate people's productivity; All aspects; Better tracking of citations to my own works; As a bibliographer, a lot of my job relies on ADS/SciX. I use it regularly myself, but I know a lot of our systems also link with it on the backend. ADS affects my day-to-day work in more ways than I'm aware of, I'm sure. It's an amazing system.; The ability to interface with ADS via Python code is quite useful.; connection with Orcid and Hal; I've been using ADS since the summer of 1994. It has changed a lot since then!



## What additional content is desirable?

happy as is x20; older literature x8; data archive sites x4; more Zenodo files x4; educational journals x3; VO interoperability like crossmatching TOPCAT tables to literature x2; too many records that aren't publications x2; theses x2; **publications from ORCID profiles appear automatically in ADS** x2; *Zotero/ADS integration* x2; **software hosted in GitLab or GitHub** x2; software user manuals; citation metrics don't work well; affiliation search mapping unreliable; address names with hyphen, dash; "co-reads" seem to be glitching; faster integration of existing journals to expansion; *search for exact words/phrases*; default search generalises too much; Increase links from Journal sites to ADS; go directly to full original content in downloadable pdf; **coordinate search**; is object subject of paper or just mentioned; *link to full text*; physics journals with atomic data for astrophysical use; Faster arXiv updates; API query bibtex citation of articles; AAS style is good, but excludes title and doi; make what you have open source; history and philosophy of astronomy; **Astrobites**; international journals; more computer science conferences that overlap with astronomy via high-performance computing; more flexible export citation options for custom formats; save our own custom formats with descriptive names; *ASCL integration*; Python Package Index; conda-forge; *API or Python package for searching and downloading* in bulk would be really useful; sometimes difficult to search AAS and other AAS-affiliate abstracts; **NASA technical memoranda**; **Journal of Machine Learning Research**; **Statistics and Computing**; more aerospace journals; Simulation datasets; journal clubs; music; AAS and similar conference **iPosters**; Visualisation of **paper connections in some sort of 3D map** and considering various dimensions, such as citation connections, subjects, timeline, etc; Selection of **different types of relevance** (like the "classic factor") to sort search results; Search for a parameter such as particular stellar distance reported; *create shared libraries*; conference proceedings; more journals from general physics and applied mathematics; journal submission date for papers; practical application tools; journals in molecular physics; astronomy, geology, chemistry topical review books; geology journals; **translator tool for beginners**; chemistry journals; *Solar Physics*; *Astronomy & Astrophysics*; *Computer Physics Communications*; *Journal of Astronomical Data*; *Phys Rev*; *APS*; **pre-1990s works from Peremennye Zvezdy**; *pre-1990s works Astronomische Nachrichten*; *SPIE* x2; *AIAA Journals*; **Springer publications**; **more IEEE** x2; job advertisements



## How support your research better?

It is wonderful as it is (I remember the days when all we had was the annual astronomy & astrophysics directory book or a mountain of paper preprints..) all good x26

I am concerned that maintenance and development of ADS has suffered due to staff redeployment to work on SciX - which is of little use to me. ADS is the jewel in the crown, don't neglect it to work on something newer.

ADS has been suffering recently from scope creep, going significantly beyond its original mission to serve the astronomy and astrophysics community. It is not clear why it is doing so, and this lack of focus on the core mission has resulted in significant effort going into some new tools that very few astronomers use.

Make the **classic form the default page**. I find the modern form slower and more difficult to use. x4

Stop using disciplines completely

focus on astro, too many times i get bizarre references to fields well outside of astronomy;

better coverage of adjacent fields of materials science & optics

more easily restrict to just astronomy;

Adding stats & *geology* journals;

*select astronomy vs physics in the initial search*

add more interdisciplinary journals, especially SIAM, iEEE, ACM journals and proceedings

Relate papers with another scientific fields will improve collaborative environments & we can elaborate more interdisciplinary topics;

Many in radio astronomy;

for planetary science, the inclusion of *earth analog papers*;

providing access to high-resolution aerospace data, efficient data processing tools, and advanced analytical frameworks that integrate aerodynamics, geospatial intelligence, and environmental modeling





## How support your research better?

Full ADS **is sometimes slow to load**. x2; To access to all journals papers x2; **improve keyword search**; Inclusion of all related articles from old to the most recent; **Improve user interface for adding bibcodes for references** (on extant records and new record submissions) so can paste a list of bibcodes into a single webform cell; make *small comments on papers in my ADS library*; When I **click 'show abstracts'** it would be good if the **whole abstract** appeared; feeding Scholar and WoS with data. Make *libraries portable to the new SciX*; given citations to an searched article often do not relate to the article; include theses; faster updates from arXiv; published papers could appear quicker in the database; integrating ORCID data; **automatically linking my publications from ORCID** and Qeios; better connection with OrcID & HA; some way to *get listed authors by orcid*; **better filter different authors with the same name by discipline**; **citations/year sort**; more **vigilance in fixing broken links**; JWST DD proposals are not yet given ADS entries; *suggest similar papers in a separate pane*; **better similarity search**; better curation of collected metadata; **reverse search a plot**; **reviews operator that returns actual review** articles; **topical articles grouped together**; as an option; citation export info, particularly for older items and conference abstracts, can be wonky; more full text for older works indexed in ADS, especially theses It would also be useful to have tools for citation analysis and better visualization of related works; by providing improved BibTeX entries; better AI integration; AI searches for articles instead of following other websites for data; maybe a next step would be the possibility to ask ADS complex questions, related to the actual contents of the articles; ML-trained paper recommender similar to Bently; search feature where you could type questions into would be helpful; tool that takes *a list of publications and converts them into a Bibtex format*; some *easily accessible examples of search filters*; **teach how to find, access, and use**; **chose when to receive my weekly alerts**; remain on the forefront; Nonsense x5





## Additional feedback for ADS?

No x16; Thank you very much for the GREAT service that ADS is providing to the astrophysical community! x22; At least some portion of our work would have suffered greatly or not performed at all if ADS did not exist. No other similarly focused web source comes close. x22; Keep doing what you're doing. x16; Its search speed is slow. x3; Please don't jump on the AI bandwagon. ADS is already excellent and I think AI features would make it much less reliable overall; I simply don't trust LLMs to do my reading for me. x3; AI integration with at least search is a good idea. x3 ADS is awesome. I hope it stays alive. x4; Please *keep "Classic Form" and "Paper Form"*. It allows easy searching without struggling with the field tags. x5; I have experienced errors using ADS recently. x2 Ensure further filtering and easy access of the literature always.; **Please let us paste lists of bibcodes into a single cell of the webforms**, for adding references.; Please, avoid the tedious mouse activity involved in resizing the web forms.; Please also find out why "co-reads" has stopped working for so many papers.; my infrequent suggested error fixes are always acted on promptly.; One troublesome feature is the **inconsistent capitalisation of title words**; make it able for a *citation to be interpreted in the search*; Broadening the scope is a good idea. So much literature and streaming in so fast!; Most improvements have resulted in good outcomes even if they take time for the user to adjust to them.; I am concerned that expansion to other fields will decrease value of; The killer feature for me would be the ability **to find trending papers** and see what's currently hot in a broad field, based on view or citation rates. The ADS "Results Graph" is helpful for this, but it only works for selected subsets of papers.; It would be good if the statistical basis of scientific reports at various institutional levels were further supported by newer ADS capabilities.; The SciX digital library will undoubtedly facilitate multidisciplinary work. But I hope that using this library doesn't mean shutting down ADS.; I am concerned by your statement that all future development will be on SciX. That's a mistake and contrary to what the community was told a couple of years ago. Your main focus should be on ADS - that is the vital tool that is relied upon by a huge number of researchers. You should maintain the same level of staffing and support for ADS as before the SciX project started. SciX is 'nice to have' as an optional add-on; it's not your main product. ADS is far more important.; Please do not change the visual style or layout of ADS. I really hate change for the purpose of change, especially since ADS is already incorporated in my daily workflow. If I perceive change for the sake of change, rather than for the sake of functionality, I will probably abandon the platform and try to use some API to retrieve relevant literature; Don't add new bells and whistles without strong community demand; It works very well, please don't break it!; To access to all journals papers;

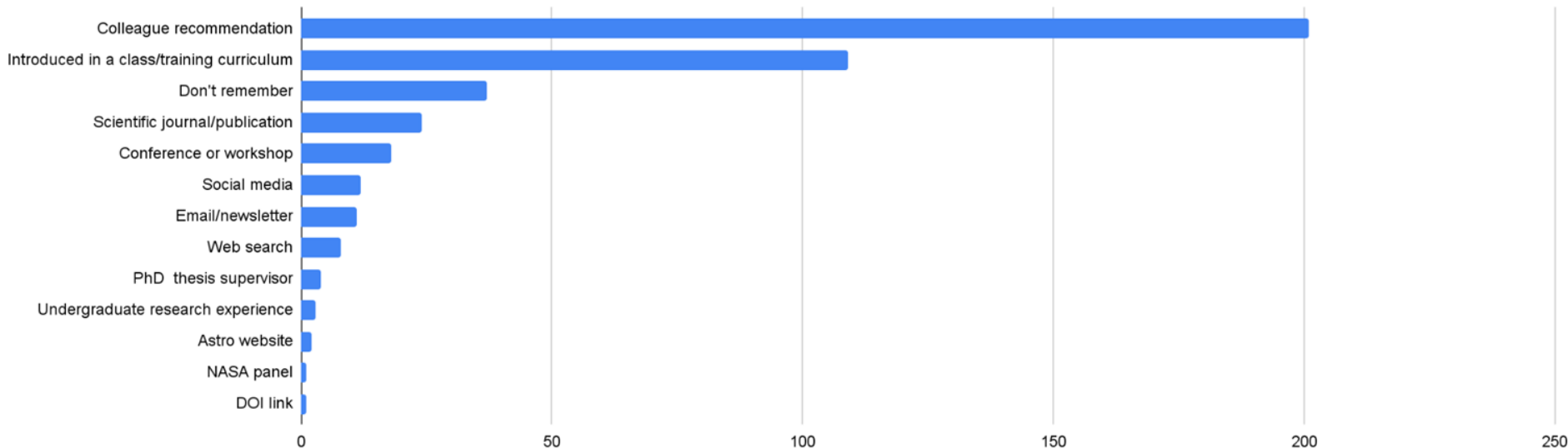


## Additional feedback for ADS?

Simultaneously supporting both ADS and SciX is confusing as a user. It is unclear to me to what extent content is duplicated between the two -- are these just different front-ends to the same database? Which should I prefer when sharing links with colleagues? I understand that immediately deprecating ADS would not be ideal, but as a user it's not clear to me what ADS offers over SciX at this point; Wonderful way to organise papers in libraries, and wonderful to be free (so I have been bringing around my libraries through different posts and institutions).; I would suggest **improving integration with ORCID** and Qeios, so that publications are synchronized automatically.; PLEASE, make an effort to improve the BibTeX entries, INCLUDING for books and conferences. I am the author of a book and have provided feedback to ADS back in April with the full BibTeX entry. I got a somewhat curt response, basically informing me that people at ADS were busy and there was no guarantee that this could be done. ... Most people don't bother checking and fixing incorrect/incomplete ADS BibTeX entries, and this has led to numerous published papers where such problematic entries have been used exactly as provided.; The **actual performance on ADS** seems to have degraded over the last few years - it is more common for queries to run very slowly. I did try SciX but did not see an obvious difference in terms of speed.; The SciX announcement uses language that indicates ADS will be replaced by SciX, even while retaining ADS "functionality".; The repeated banner *notifications advertising SciX in ADS are also quite distracting* and it would be great if these were removed.; i'm an astronomer, so I don't understand what SciX gives me that ADS doesn't. presumably SciX is the first step in shutting down ADS, so it will be really important to explain to people like me what advantages SciX brings that ADS didn't deliver; a **citation/year option for sorting** search results; *personal notes/comments on libraries* would further improve organization; I especially appreciate the easily copyable BibTeX.; My most common searches are by author or title; It's important that ADS/SciX serves beyond the science community, esp. historical and humanistic studies. I am sure SciX is good too, but I have zero interest to change and learn a new interface, I am very satisfied with ADS, both with classic UI and the bumblebee one.; I try to tie-in current research for better modeling of theoretically new discoveries; **Citation counts show random variations** from day to day.; I also use the Pathfinder tool by HuggingBox to find relevant papers, which is very useful and links to ADS directly.; I want to be able to continue using it without moving to a bigger platform either a lot of new features I don't care about; It would be nice to be able to *select astronomy vs physics in the initial search*; I'd like to see SciX keep everything that makes ADS so solid while improving on it as part of incorporating more science fields.; Make sure as much time is spent refactoring the code as adding features.; Nonsense x3



# Where did first learn of ADS?



355 responses

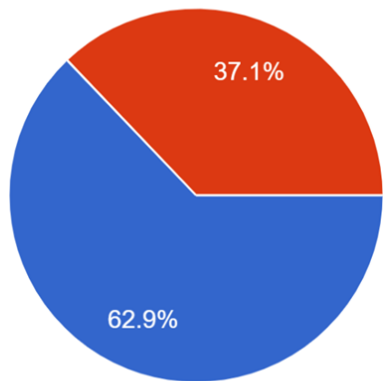
AI summary used



# Are you aware ADS is expanding to SciX?

Were you aware that the ADS is currently expanding to include literature relevant to Earth science, heliophysics, and planetary science and has launch... science? [Learn more about this transition here.](#)

369 responses



● Yes

● No

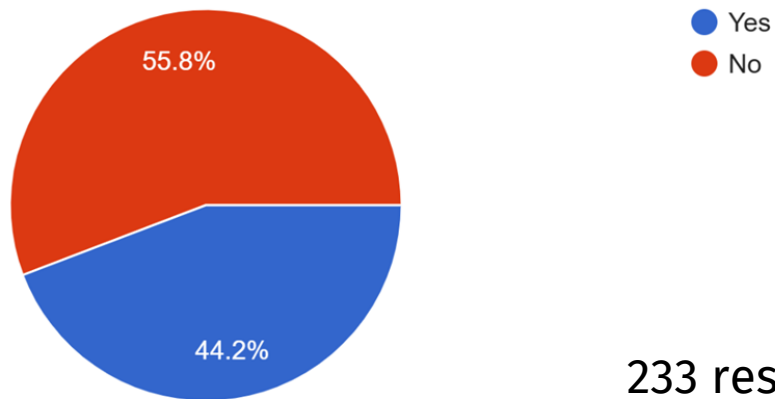
369 responses



## If aware, have you tried SciX?

Have you tried the new interdisciplinary digital library portal found at SciXplorer.org?

233 responses



233 responses

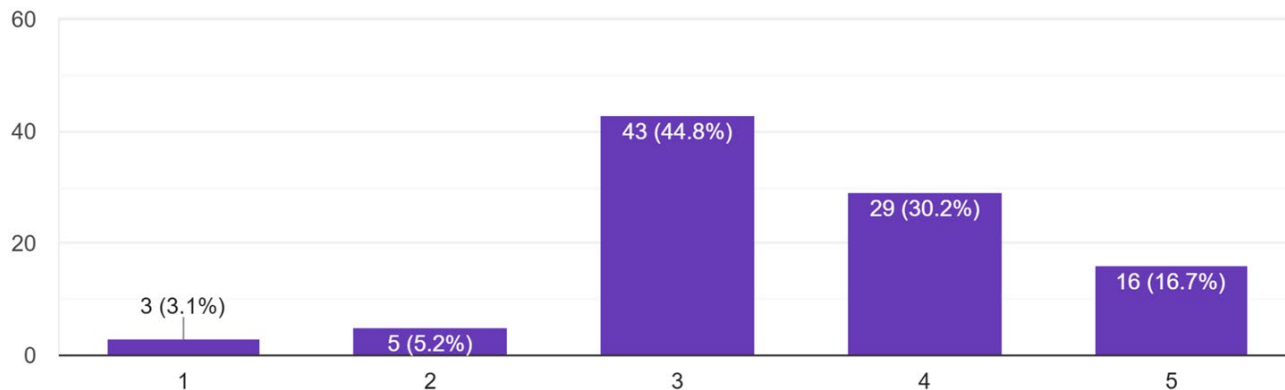


# If tried, how satisfied were you with SciX?

96 responses

How satisfied were you with SciX?

96 responses



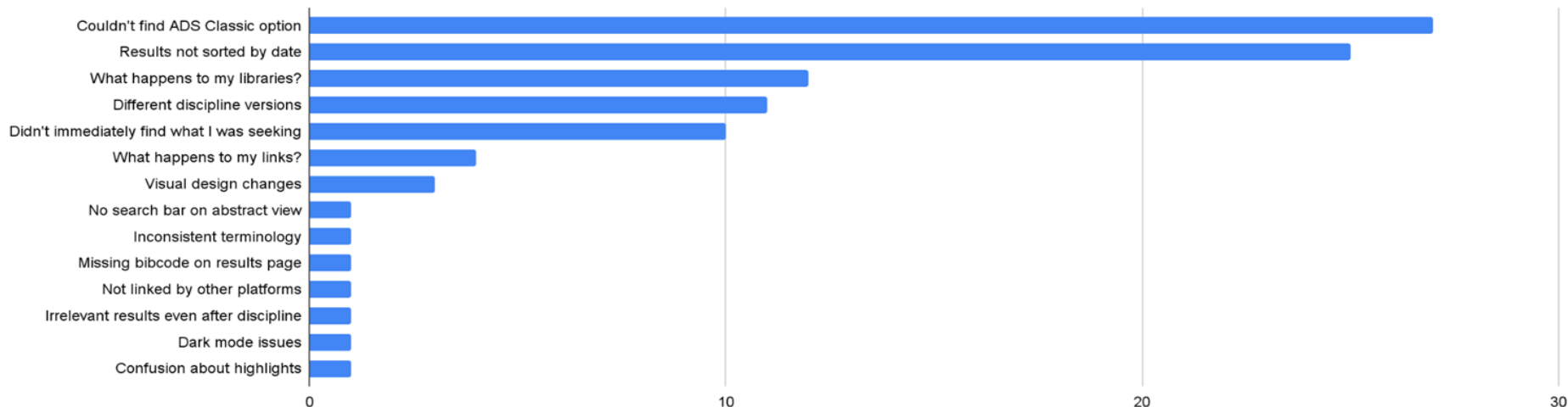
Very dissatisfied

Very satisfied



## If tried, what did you find most confusing?

84 responses

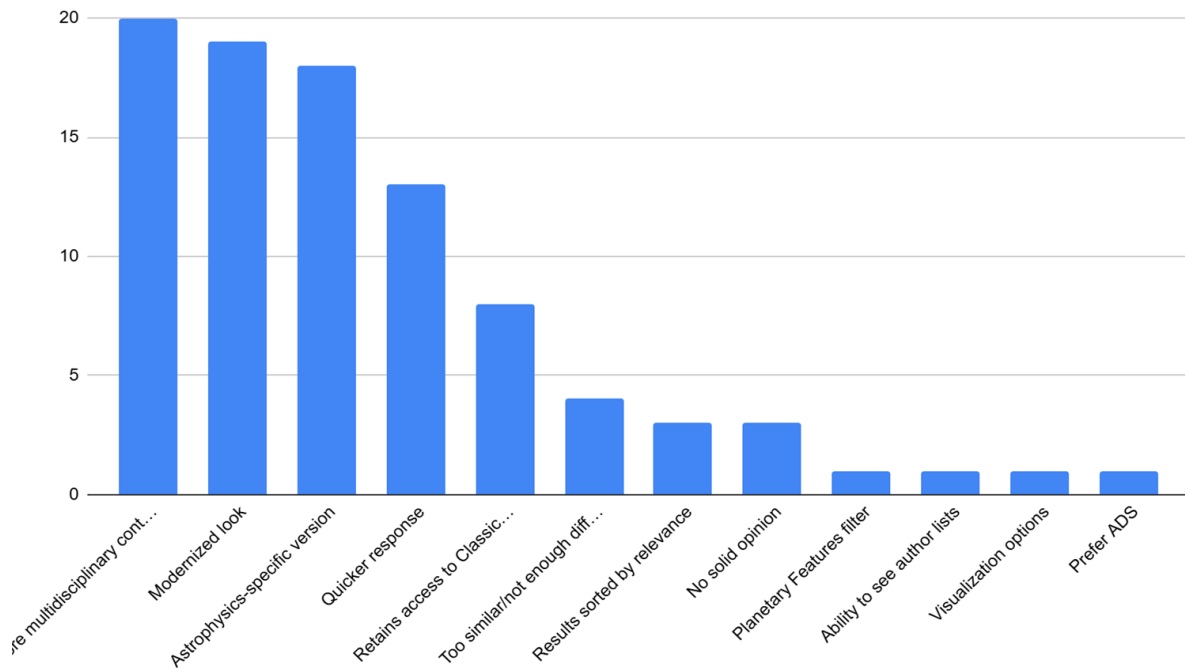






## If tried, what did you find most appealing?

83 responses



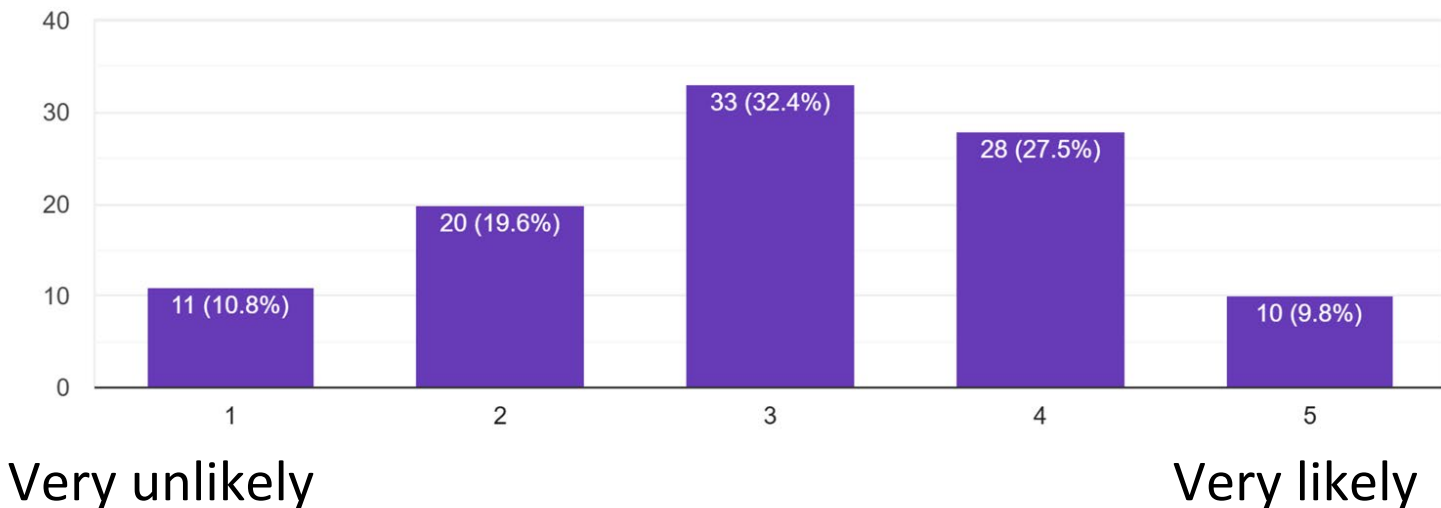


# If tried, how likely are you to use SciX again?

102 responses

How likely are you to use SciX in the future?

102 responses





## How can SciX remain relevant to your research?

I hope the old ADS capabilities for astrophysics are not diluted/lost in the expansion! x10; Not sure x16; Some AI assistance tool would be nice x18; Do not bloat site with AI x2; If using AI, make sure it is verified.; *Have links to data archives and data set* x10; I believe in simple search tools. x8 *customization options for SciX default settings* x7; Classic ADS is great already. x5; I have no interest in SciX x5; expand coverage of physics x3; more google-like search engine x3; *codes typically used in Astronomy* x2; *migrate ADS libraries* x2; easy way of track and download citations x2; expand computer science x2; survey experts of different fields to know their needs; shorten the time between submitting new records (or references) and their curated approval into the database; remains focussed on refereed articles; expand other fields such as engineering and mathematics x2; SciX is nice, but the layout feels a little clunkier than ADS even though the performance has improved; Keep doing the essential things well; include connection to authors; *option for open-access only*; include modern journals; *keep ADS database*; **Improve default relevance sort**; While I am interested in broad science, for most of my daily research I don't think it's relevant, sorry!; **better integration with ORCID**; tools that enhance collaboration and transparency in research; Simply stop it. it's a mess.; publication maps; *link to where I can obtain a copy of the publication*; Translations of international journal articles; To access to all journals papers; Not too much Javascript! stellar physics; **suggesting other similar papers**; NASA does history too so it would be great if relevant humanities and social science papers were regularly ingested.; *alerts/feeds via email or RSS*; *Integration with popular reference managers like Zotero*; *making the main text content of papers somehow searchable*; Not breaking things that currently work well; a place to put raw data; include good papers published in less well known journals; **Speed**, reliability; *good capabilities to narrow searches by subject area* when interdisciplinary searches are not desired; impact factor analysis similar to elsevier or scopus; Implement altmetrics; New research in cosmological models; The power of SciX seems to rely on the multi-disciplinary aspect of the database. To make a difference, the engine should be capable of producing results that combine different disciplines, which may require to digest complex questions, beyond the combination of keywords. climate change; satellite tracking; space clutter; space defence; redirects from links pointing to ADS entries; The "trendy" features are not useful for serious academic uses. Radio astronomy; Better citation options; Plants in space, food, medicine, and air processing and comforting on space travels; Time-domain, **meaning all data from time past**.; There are instances of not being able to obtain a specific answer from a survey website. Perhaps this could be remedied through the existing communication channels between ADS and those websites, with ADS serving as a repository in addition to what the survey provides. Actually, I think accessing platforms outside of the journal can lead to subjective opinions and make it a bit confusing to find the information you're looking for; Nonsense x3



## Additional feedback regarding SciX?

I do not plan to use SciX. x5 Please *keep the old, classic interface to ADS working!* X4 Don't lose the simplicity or accuracy of ADS in the quest to add bells and whistles. X4 Please no generative AI. Statistical tools like 'similar articles' or 'also cited' are nice, but please don't add a bunch of bloated AI-pushing.x3; nothing x28; Interdisciplinary is great. Although I have yet to use it for my research, it is good to know that that feature is being expanded. Please don't make relevance sorting in the current format the default sorting. Either make the criteria for relevance sorting clear or default to date sorting and *provide options for sorting*; Sorting by relevance is currently not useful, is just puts highly cited collaboration/release papers on top, the kind of papers people cite but don't read' It wasn't immediately **clear how to port my libraries from ADS to SciX** (admittedly I didn't spend all that long trying). If this was made very straightforward, I probably would have switched fully to SciX by now. X2 I have started cross-disciplinary research in psychology and would be interested in having access to those papers through an interface like SciX, but that does not seem to be within the scope of SciX.; It can be expanded more...not only the fields stated up, but made global for all publications or **links to other publication databases**. X2 Some of the topics - heliophysics, for example - seem more closely connected to the ADS mission. The choice of which fields to include seems rather arbitrary, more driven by NASA's scope than utility to the research community.; NASA funded biology is a really small subset of the biological literature. **Separate Biological from Physical Science search categories**. journals from applied mathematics could be relevant, too; please allow command `"=first_author:"` to do exact first author matching. Not sure. The needs of any discipline should be well surveyed and also the inclusion of all these fields should make the digital platform easy to access and not complicating it. Is there a *navigable list of \*all\* the publication bibstem codes*? For topics on the frontier of the ADS expansion, it can be hard to guess which journals are included and which aren't. In general, if it ain't broke don't fix it... which does not contradict expansion, but always try things out (as you are doing here ;-)) on real users, both expert, new and old-but-lazy .No I'm not familiar with it yet. I'd like to try it more though; On metrics, i prefer the all on 1 page approach that ads uses as opposed to the "tabs" approach that scix uses. also, citations graph on scix does not give the total citation in a selected year, while ads does. I would like to have **a faster (automatic?) way to point out missing citations to ADS/SciX**, probably by including URL links so the system may verify them faster. Currently, I think, one has to write an email to a person who will verify the citations exist.



## Additional feedback regarding SciX?

The expanded SciX digital library is a great improvement. I appreciate the broader access to publications and the cleaner interface. I would suggest adding **stronger integration with ORCID** and Qeios, and tools to link publications automatically with **author profiles** and *open data repositories*. To access to all journals papers I hope you **take good care to not index predatory journals**; both ADS and SciX are wonderful so far and I am sure with your great work, they will become even better; *.subject-matter filters*; it is even more difficult to search research with author names...I am hesitant to filter the results by the specific subfield as I am worried whether the filtering will overperform and remove some relevant studies; I'm concerned that astrophysics results might become harder to find if the database includes a wider set of fields.; SciX might perform as well as ADS, but the UI is significantly worse, and is the sole reason I (and others I've talked to) have not switched to SciX. Most of the screen is wasted white space, various things overlap, and the text is harder to read. If there was an *option to use something more similar to the old interface*, I would switch. Very glad to see the wider range of content, but too bad Classic only appears under Astrophysics; (May have since been updated but) **font was hard to read on the dark mode (too thin)** Please include the bibcodes in the search result page. This is of convenience when looking for a references directly (you are able to see year, volume, and page). I really like the new interface! but please keep the default sorting by date. the new sorting by relevance is quite confusing; Not sure I understand what enters in the "relevancy" sorting criterion, and it is useless when searching by author name. *Switching it each time is annoying.*; ADS is great as a single entry point to share literature, and is now routinely linked to in articles. *What will become of these links?*; I'd really like to see bibcodes added back to search results, for articles that have them. I understand bibcodes won't be applied to the new fields (earth sciences, etc...) being incorporated into SciX. However, with how reliant astrophysics publications and related systems are on bibcodes, I would appreciate being able to see them more prominently on applicable publications. I would also be fine with this applying to whatever replacement/extension is applied to bibcodes to make them applicable to a wider variety of publications, if that's on the table. Ultimately, I'd just like bibcodes (or something comparable) to be more prominent, like they are in ADS.; It is a little confusing if SciX is a newADS and ADS is going to be disabled/retired or is ADS a limited version of SciX now?; On **u tube to educate the general public** ake it easy to find use education to utilization one step at a time; You guys always want The Customer to fix it for free; Nonsense x3





Questions?