

Faceted filtering

Explore the literature by filtering collections of records by a particular property or set of properties. This allows you to start from a broad search and then quickly focus on a particular subset of records. Selecting properties belonging to separate categories (“facets”) allows users to manage large lists and explore the relationship between different facets. Current selections available in our interface include authors, keywords, publication dates, astronomical objects or data products associated with the papers.

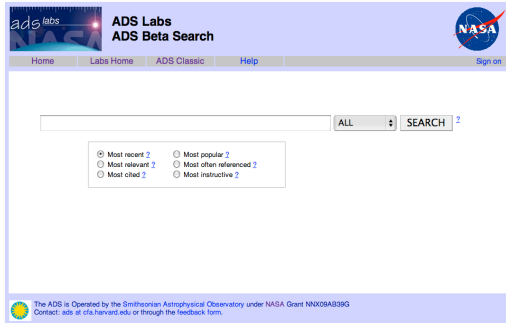
Recommendations

For a majority of papers in our database, our new interface will provide a list of related articles of potential interest. The recommendations are based on a number of factors, including text similarity, citations, and co-readership information to provide suggestions to users.

Full text search

We have launched a new service that allows searching the full text of the scanned literature in ADS as well as a select portion of the current astronomical literature, including *ApJ*, *ApJS*, *AJ*, *MNRAS* and soon *A&A*. The interface allows users to find all instances of particular words or phrases in the body of the articles indexed and returns, for each of the matching papers, a list of “snippets” of text highlighting the context in which the search terms were found.

Streamlined search



A simple, one-box search allows for a combination of author, title, year, and keyword searches. Identifiers such as bibcodes, arXiv IDs and DOIs are recognized as well. Example searches:

- “weak lensing”
- author:“huchra, j”
- “dark matter” -LHC
- intitle:“QSO” 1995-2000
- arXiv:1012.5859
- 10.1086/345794
- 2003AJ....125..525J

Advanced options allow users to specify the desired search criteria, which currently include finding papers which are:

- most recent
- most relevant
- most cited
- most popular
- most often referenced
- most instructive

About

ADS Labs is a platform that ADS is introducing to test new technologies and prototype services. It is meant to be an environment showcasing added functionality to the standard ADS services rather than a replacement for them.

We are aware that there is still a lot of work to be done to make these services as reliable and useful as they will be. ADS Labs is the first phase in a development process. Expect things to change and possibly even break now and then as we continue our experiments. We welcome your questions, comments, and feedback on all aspects of ADS and ADS Labs as we continue to serve our community.

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The SAO/NASA Astrophysics Data System



ADS Labs

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<http://adslabs.org>