

# Website Updates

*Jennifer Chen, Kelly Lockhart and the ADS Team*

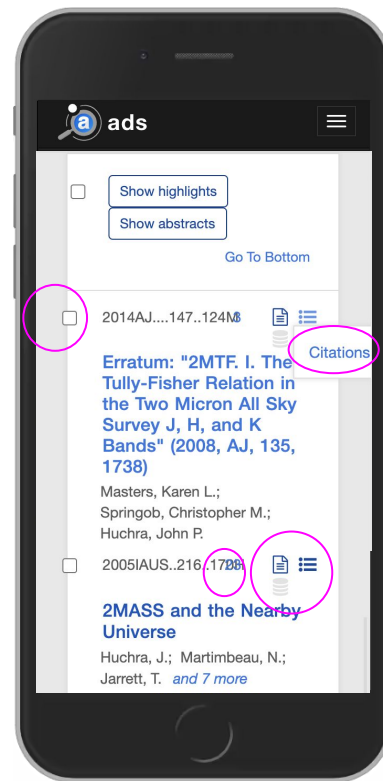
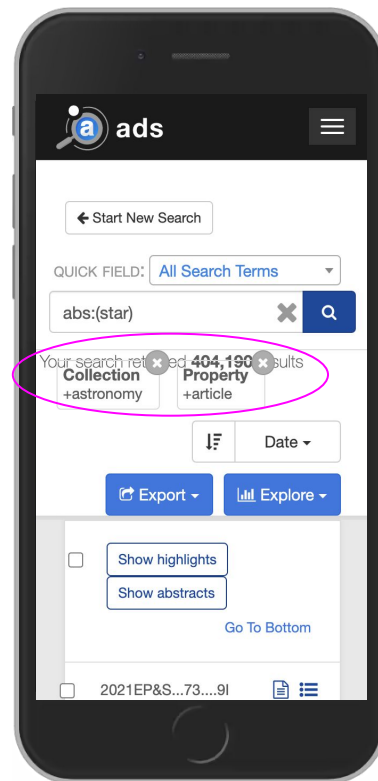
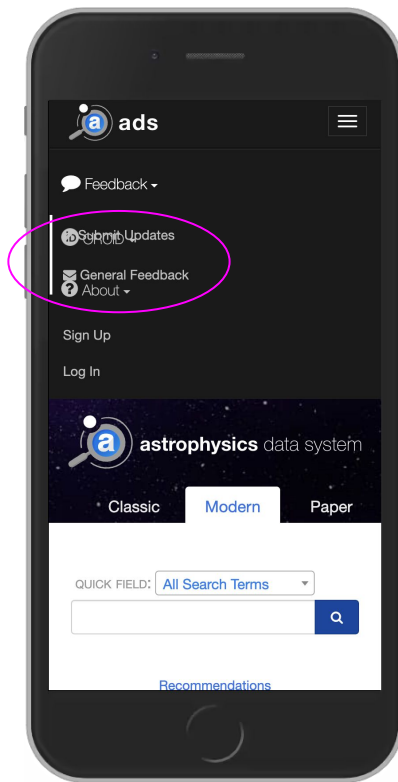
ADS Users Group Meeting, 15-16 Nov. 2021



# Small Screen Responsiveness

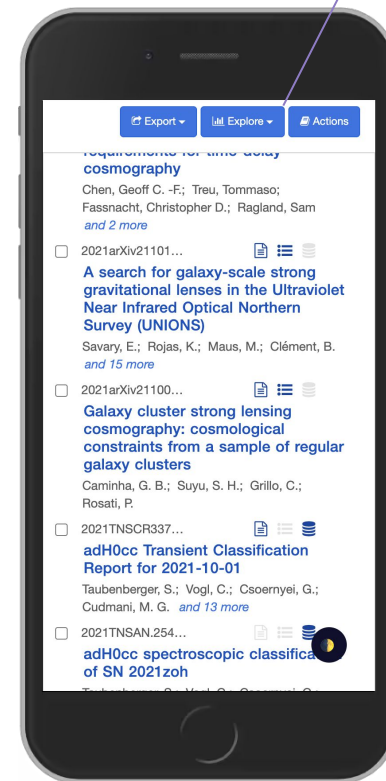
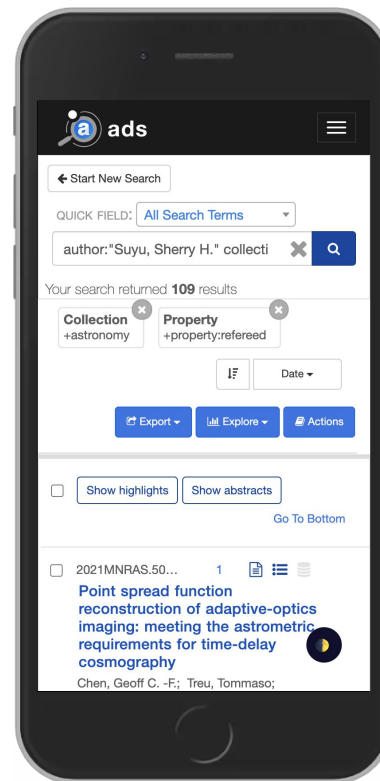
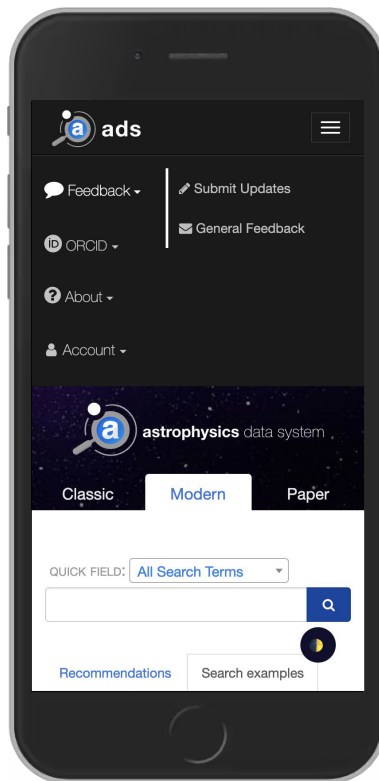
Problems on small screens

- Overlapping text
- Inaccessible controls
- Content overflow
- Poor layout



# Small Screen Responsiveness

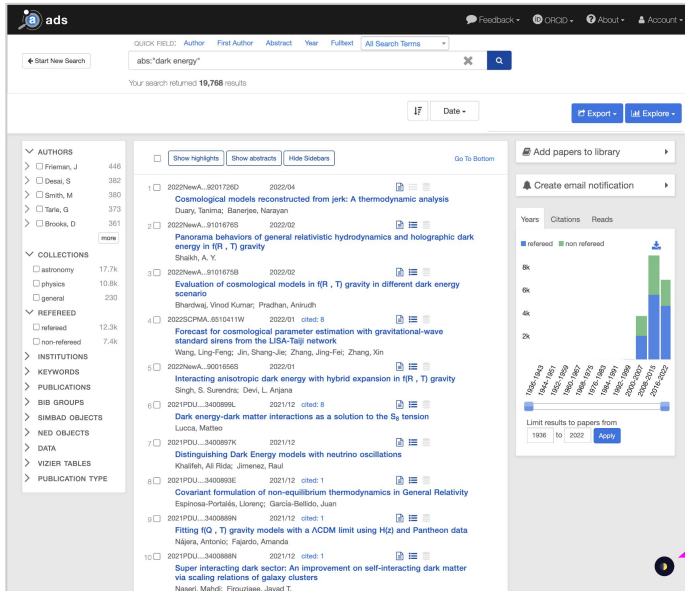
- Resolved any content overlapping
- Made all controls accessible and easy to get to
- Corrected layout problems
- Improved use of screen space



# Dark Mode

- Improved viewing experience in low-light and for users with light sensitivity
- Received good response from users

 21 Retweets 12 Quote Tweets 219 Likes



ads

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

Start New Search abs:\*dark energy\*

Your search returned 19,768 results

IF Date Export Explore

AUTHORS

- Frieman, J 446
- Desai, S 382
- Smith, M 380
- Tania, G 373
- Brooks, D 361

COLLECTIONS

- astronomy 17.7k
- physics 10.8k
- general 230

REFEREED

- referenced 12.3k
- non-referenced 7.4k

INSTITUTIONS

KEYWORDS

PUBLICATIONS

BIB GROUPS

SIMBAD OBJECTS

NED OBJECTS

DATA

VIZIER TABLES

PUBLICATION TYPE

1 2022NewA...9201726D 2022/04  
Cosmological models reconstructed from jerk: A thermodynamic analysis  
Duary, Tanima; Banerjee, Narayan

2 2022NewA...9101676S 2022/02  
Panorama behaviors of general relativistic hydrodynamics and holographic dark energy in  $(R, T)$  gravity  
Shaikh, A. Y.

3 2022NewA...9101675B 2022/02  
Evaluation of cosmological models in  $(R, T)$  gravity in different dark energy scenario  
Bhardwaj, Vinod Kumar; Pradhan, Anirudh

4 2022SCPMA...6510411W 2022/01 cited: 8  
Forecast for cosmological parameter estimation with gravitational-wave standard sirens from the LISA-Tajji network  
Wang, Ling-Feng; Jin, Shang-Jie; Zhang, Jing-Fei; Zhang, Xin

5 2022NewA...9001656S 2022/01  
Interacting anisotropic dark energy with hybrid expansion in  $(R, T)$  gravity  
Singh, S. Surendra; Devi, L. Anjana

6 2021PDU...3400899L 2021/12 cited: 8  
Dark energy-dark matter interactions as a solution to the  $S_8$  tension  
Lucca, Matteo

7 2021PDU...3400897K 2021/12  
Distinguishing Dark Energy models with neutrino oscillations  
Khalifeh, Ali Rida; Jimenez, Raul

8 2021PDU...3400893E 2021/12 cited: 1  
Covariant formulation of non-equilibrium thermodynamics in General Relativity  
Espinoza-Portalés, Lorenc; García-Bellido, Juan

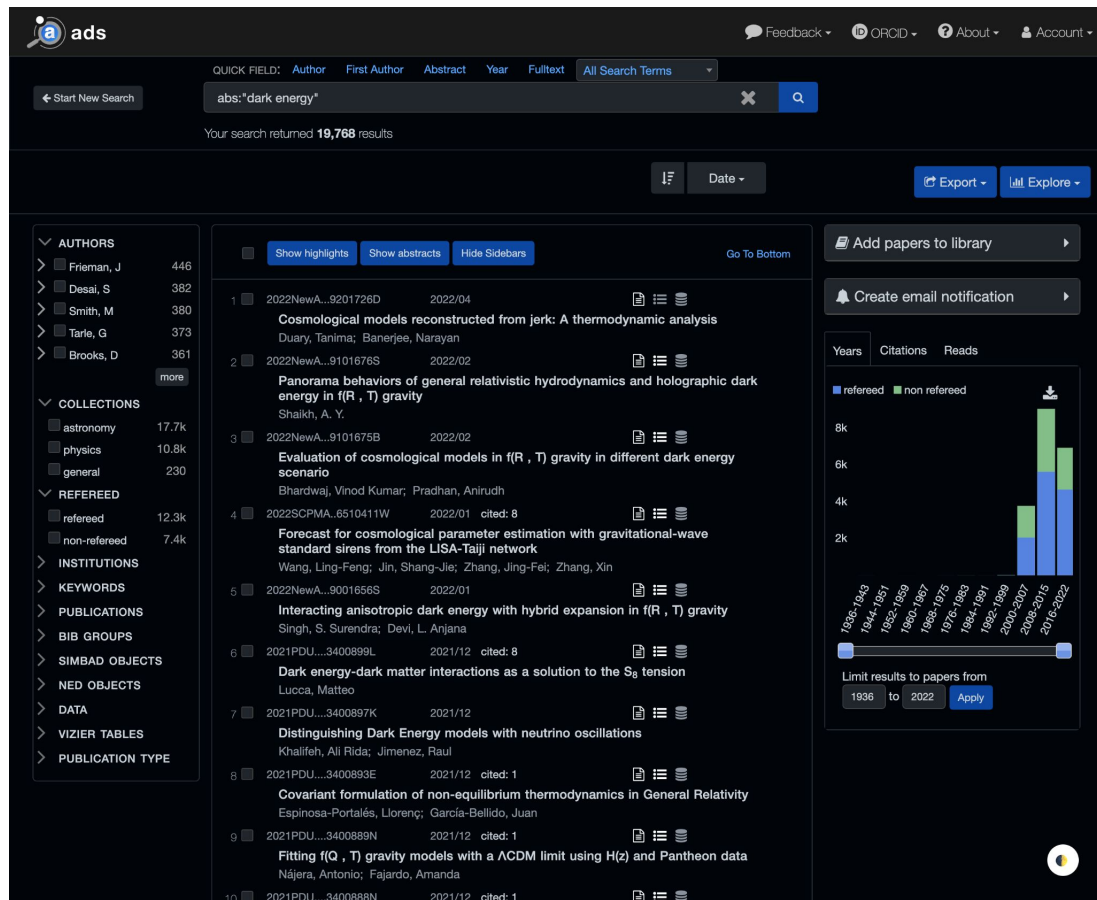
9 2021PDU...3400889N 2021/12 cited: 1  
Fitting  $(Q, T)$  gravity models with a  $\Lambda$ CDM limit using  $H(z)$  and Pantheon data  
Nájera, Antonio; Fajardo, Amanda

10 2021PDU...3400888N 2021/12 cited: 1  
Super interacting dark factor: An improvement on self-interacting dark matter via scaling relations of galaxy clusters  
Naseri, Mahdi; Firouzjaee, Javad T.

Years Citations Reads

referenced non referenced

Limit results to papers from 1936 to 2022 Apply



ads

Feedback ORCID About Account

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

Start New Search abs:\*dark energy\*

Your search returned 19,768 results

IF Date Export Explore

Show highlights Show abstracts Hide Sidebars Go To Bottom

1 2022NewA...9201726D 2022/04  
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Duary, Tanima; Banerjee, Narayan

2 2022NewA...9101676S 2022/02  
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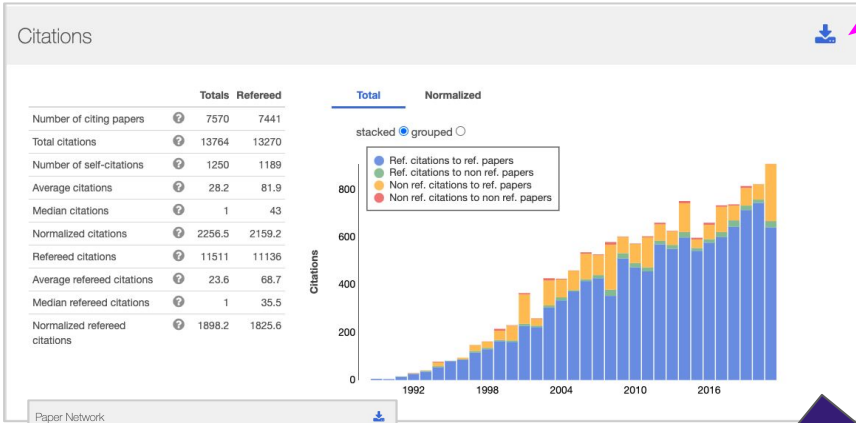
Years Citations Reads

referenced non referenced

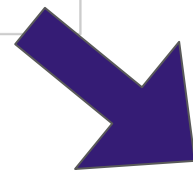
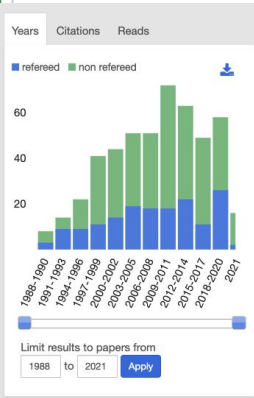
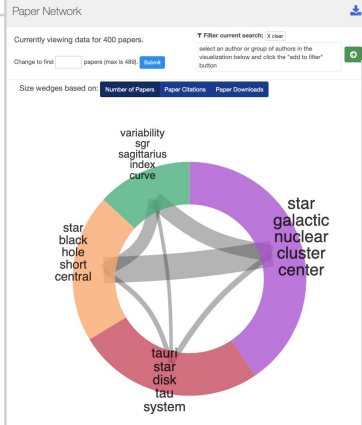
Limit results to papers from 1936 to 2022 Apply

- ✓ Uses system preference by default
- ✓ Remembers user preference

# Download Figure Data (CSV)



- Click to download
- No longer requires using API



metrics-citations

Year	Ref. citations to ref. papers	Ref. citations to non ref. papers	Non ref. citations to ref. papers	Non ref. citations to non ref. papers	Total
2004	3	0	2	0	5
2005	5	0	1	0	6
2006	11	0	0	0	11
2007	7	0	0	0	7
2008	18	0	3	0	21
2009	20	2	1	0	23
2010	52	6	3	0	61
2011	61	1	2	1	65
2012	75	3	7	1	86
2013	122	9	23	7	161
2014	156	14	12	1	183

papers-network

group	label	paper_count	top_references	citations	download count
1	function.galactic.center.nuclear.cluster.star	77	2009ApJ...692.1075G,2009ApJ...690.1463L,2013ApJ...764...154D,2006ApJ...643.1011P,2008ApJ...689.1044G	2026	681
2	tau.star.system.tauri.mode.disk	49	1993AJ...106.2005G,1998A&A...337.403B,1993A&A...278.129L,1995ApJS...101...117K,2001ApJ...556.265W	2387	257
3	short.star.center.black.central.hole	39	2005ApJ...620.744G,1993ApJ...408.496M,1998ApJ...509.678G,2000Natur.407.349G,2000MNRAS.317.348G	4774	365
4	variability.sagittarius.index.sgr.curve.near	25	2005ApJ...620.744G,2004ApJ...601L,159G,2006A&A...450.535E,2003Natur.425.934G,2004A&A...427...1E	906	361
2021		1057		9	530
					15
					1611

# Consistent Look and Feel

- ADS
- About ADS
- ADS Blog
- ADS Help Pages
- API Documentation

adsblog

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### Introducing the New myADS

10 Aug 2020

Sergi Blanco-Cuadrasma is an astrophysicist and the Software Development & Operations Lead for the NASA Astrophysics Data System, based at the Harvard-Smithsonian Center for Astrophysics. The Astrophysics Data System (ADS) is pleased to introduce the new myADS email notification system...

author: Sergi Blanco-Cuadrasma category: news

### Updates to ADS: myADS Notifications, Library Collaborators, and More

29 May 2020

A number of changes have come to ADS over the past few months, some of which you may have missed. Read on for an overview of some of the bigger updates to the site. If you want to stay up...

author: Kelly Lockhart category: news

### NASA and Open Access Publishing

06 Apr 2020

Introduction NASA has long been a (some would say the) leader in providing open access to scientific data. This commitment continues with the recent whitepaper: NASA's Science Mission Directorate's Strategy for Data Management and Computing for Groundbreaking Science 2019-2024, by...

adsblog

astrophysics data system

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### Introducing ADS's OpenAPI Description and Documentation

04 Aug 2021

ADS's API, or application programming interface, is the service that accepts requests and returns the requested information. For example, when a user searches in ADS, the website sends a search request to the API, which performs the search and returns...

author: Kelly Lockhart category: news

### Affiliation data in the ADS: a work in progress

15 Apr 2021

We publicly introduced our affiliations feature in a blog post last year, including a discussion of how the feature was built and maintained, and how you can use it in your literature searches. We want to reintroduce this feature, especially...

author: Matthew Templton and Carolyn Grant category: general

### Introducing the New myADS

10 Aug 2020

Sergi Blanco-Cuadrasma is an astrophysicist and the Software Development & Operations Lead for the NASA Astrophysics Data System, based at the Harvard-Smithsonian Center for Astrophysics. The Astrophysics Data System (ADS) is pleased to introduce the new myADS email notification system...

# Homepage Search Examples Refresh

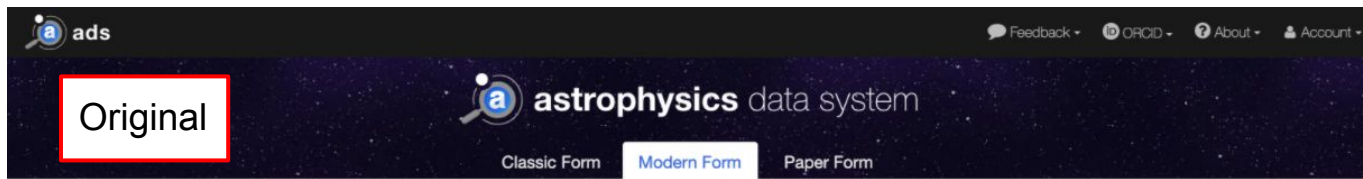
The screenshot displays the ADS homepage search interface. At the top left, the 'ads' logo is visible. In the top right corner, there are links for 'Feedback', 'ORCID', 'About', and 'Account'. The main header features the 'astrophysics data system' logo and navigation tabs for 'Classic Form', 'Modern Form', and 'Paper Form'. A red box highlights the word 'Original' in the top left corner of the page.

Below the header, there is a search bar with a dropdown menu for 'All Search Terms' and a search button. Underneath the search bar, there are two columns of search examples:

Recommendations	Search examples
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:'gravity waves'"	OR: "abs:(planet OR star)"
publication: "bibstem:ApJ"	

At the bottom of the page, there are three icons with corresponding text: a globe icon for 'Use a classic ADS-style form', a magnifying glass icon for 'Learn more about searching the ADS', and a code icon for 'Access ADS data with our API'. The footer contains the text '© The SAO/NASA Astrophysics Data System' and links for 'Resources', 'Social', and 'Project'.

# Homepage Search Examples Refresh



Static author example, most productive 20+ years ago

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

author: "huchra, john"

first author: author:"huchra, john"

abstract + title: abs:"dark energy"

year: year:2000

year range: year:2000-2005

full text: full:"gravity waves"

publication: bibstem:ApJ

Recommendations

Search examples

citations: citations(author:"huchra, j")

references: references(author:"huchra, j")

reviews: reviews("gamma-ray bursts")

refereed: property:refereed

astronomy: database:astronomy

OR: abs:(planet OR star)

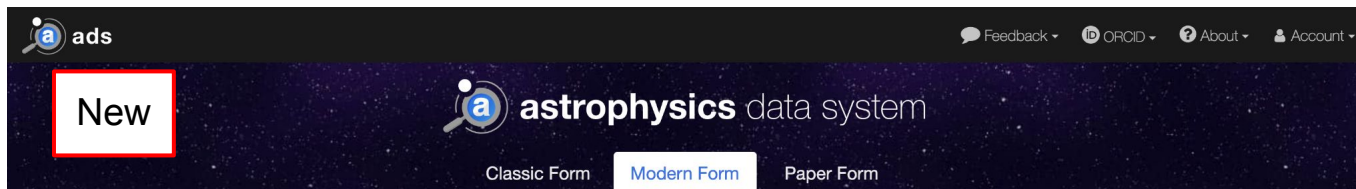
"Aspirational" search examples, don't match users' immediate needs

Outdated/duplicated links, users overlook these





# Homepage Search Examples Refresh



Author examples randomized, drawn from most recent Nobel, AAS, IAU prize winners

Blue links removed, to be replaced with dynamic content in later UI rewrite

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

Search examples updated to match frequent user requests

Recommendations

author	<input type="text" value='author:"Kreidberg, Laura"'/>
first author	<input type="text" value='author:"^Penrose, Roger"'/>
abstract + title	<input type="text" value='abs:"dark energy"'/>
year	<input type="text" value="year:2000"/>
year range	<input type="text" value="year:2000-2005"/>
full text	<input type="text" value='full:"super Earth"'/>
publication	<input type="text" value="bibstem:ApJ"/>

Search examples

citations	<input type="text" value="citations(abstract:JWST)"/>
refereed	<input type="text" value="property:refereed"/>
astronomy	<input type="text" value="collection:astronomy"/>
exact search	<input type="text" value='=body:"intracluster medium"'/>
institution	<input type="text" value="inst:CfA"/>
author count	<input type="text" value="author_count:[1 TO 10]"/>
record type	<input type="text" value="doctype:software"/>