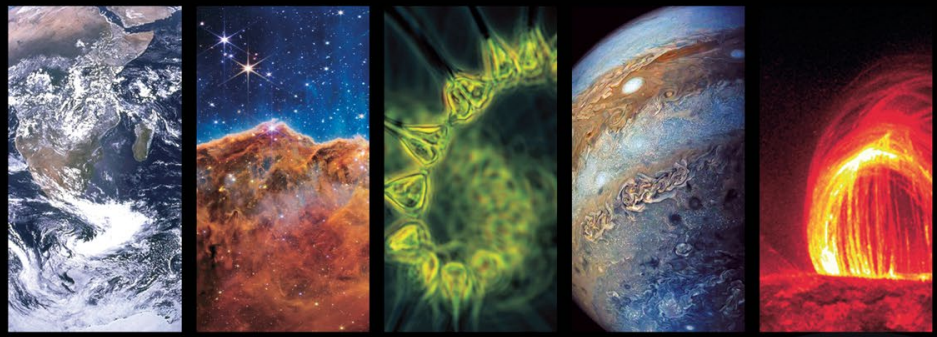
The NASA Science Explorer: ADS for all NASA Science

Alberto Accomazzi
aaccomazzi@cfa.harvard.edu
and the ADS Team

SciX
[SciXplorer.org]

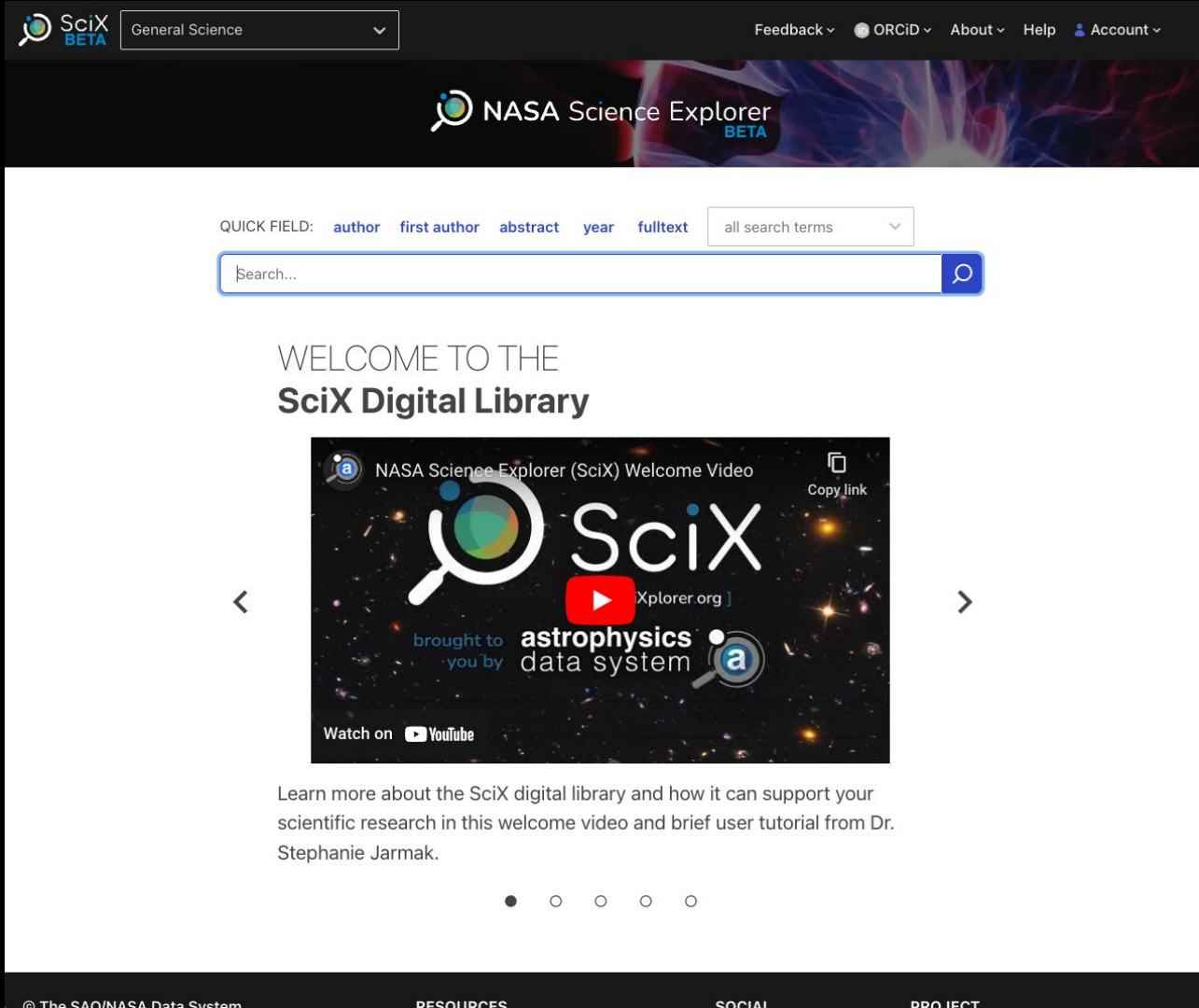
astrophysics data system

CENTER FOR ASTROPHYSICS
HARVARD & SMITHSONIAN



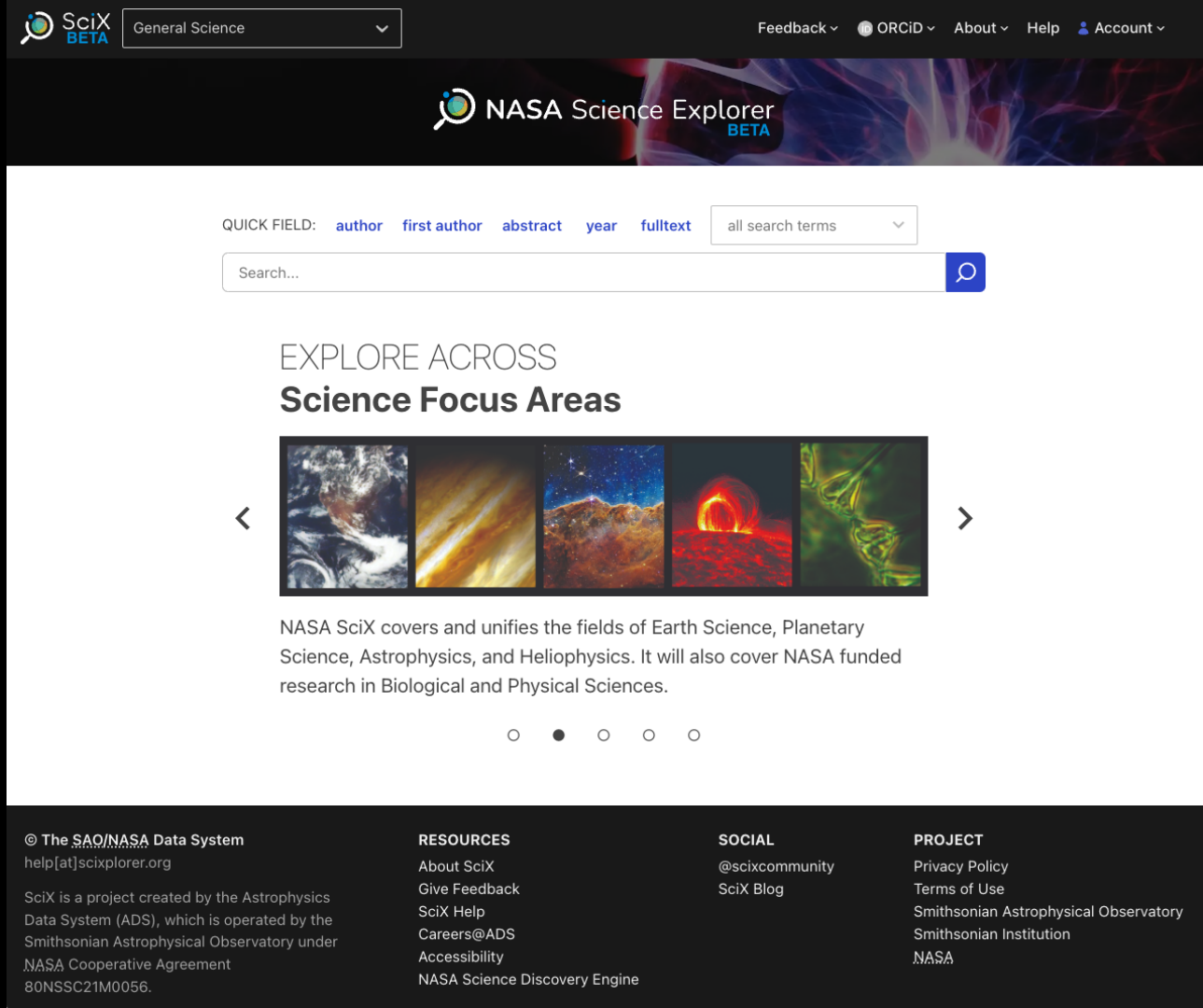
What is the NASA Science Explorer?

SciX is a new literature portal that we just launched as part of the expansion of the NASA Astrophysics Data System (ADS), a digital library focusing on Space Science research.



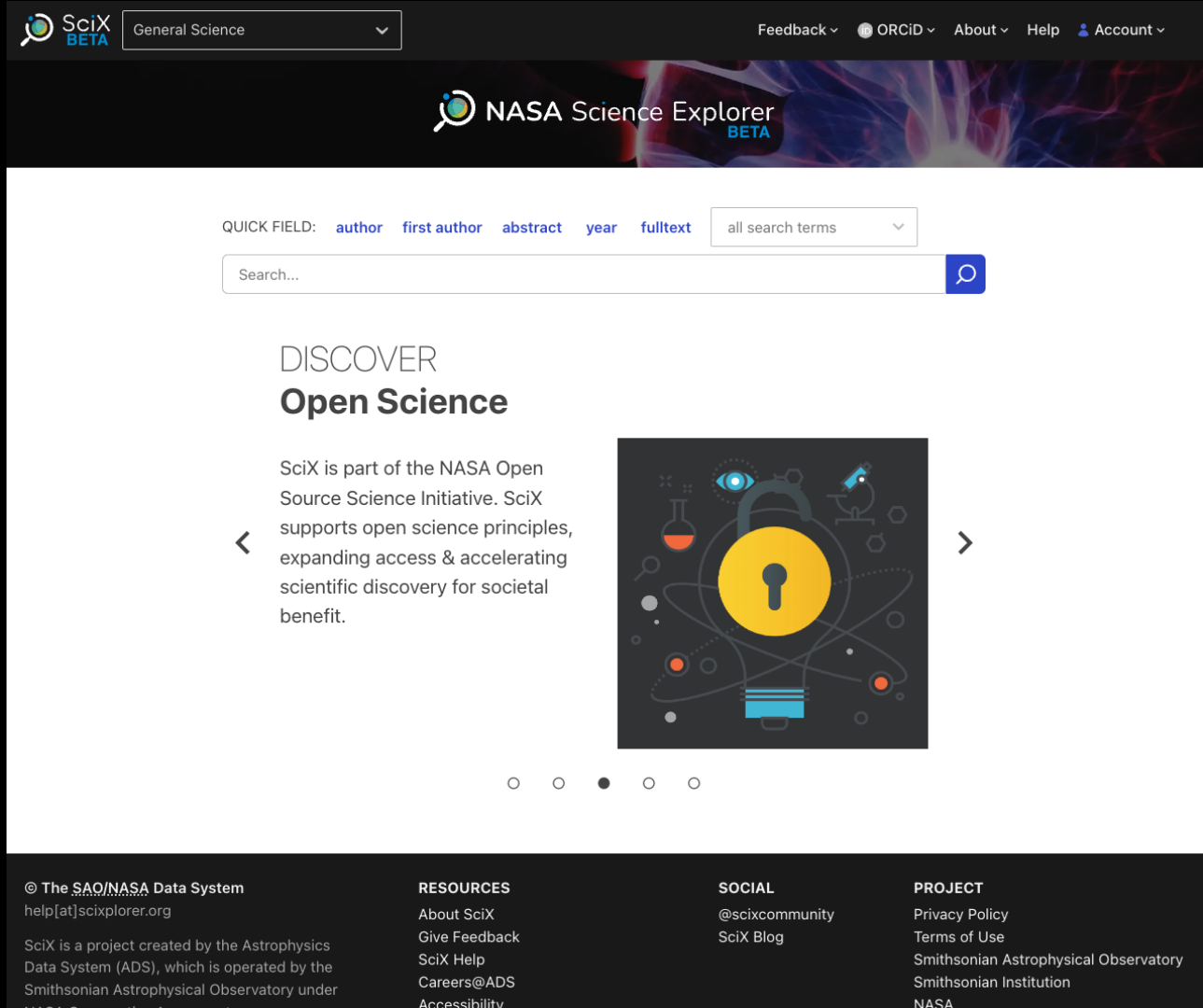
What is the NASA Science Explorer?

NASA SciX is a literature-based, open digital information system covering and unifying the research disciplines funded by the NASA Science Mission Directorate.



What is the NASA Science Explorer?

SciX supports NASA's Open Science efforts and enables interdisciplinary research and collaboration.

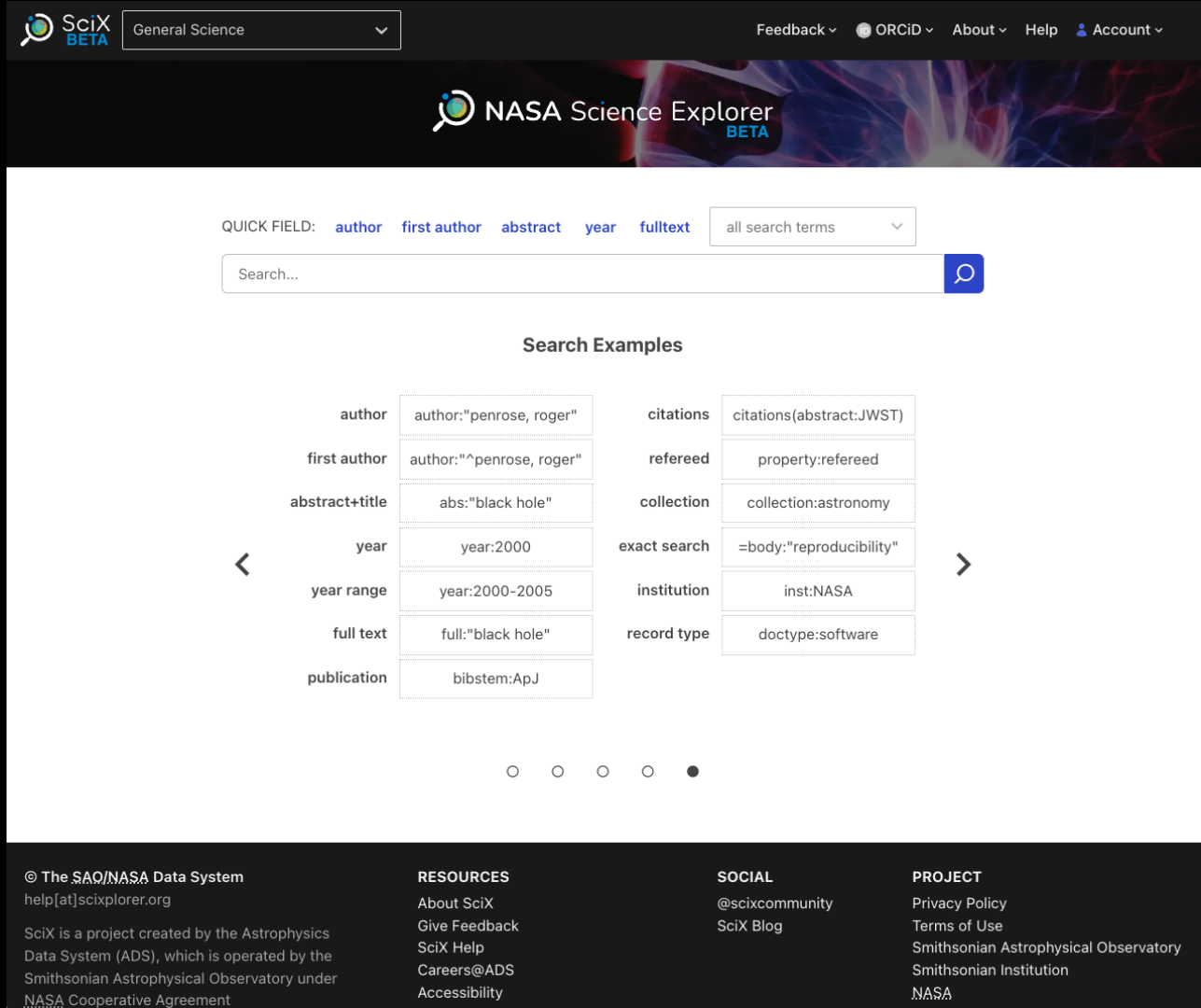


What is the NASA Science Explorer?

The NASA Science Explorer, or SciX for short, is available as a beta release at the following website:

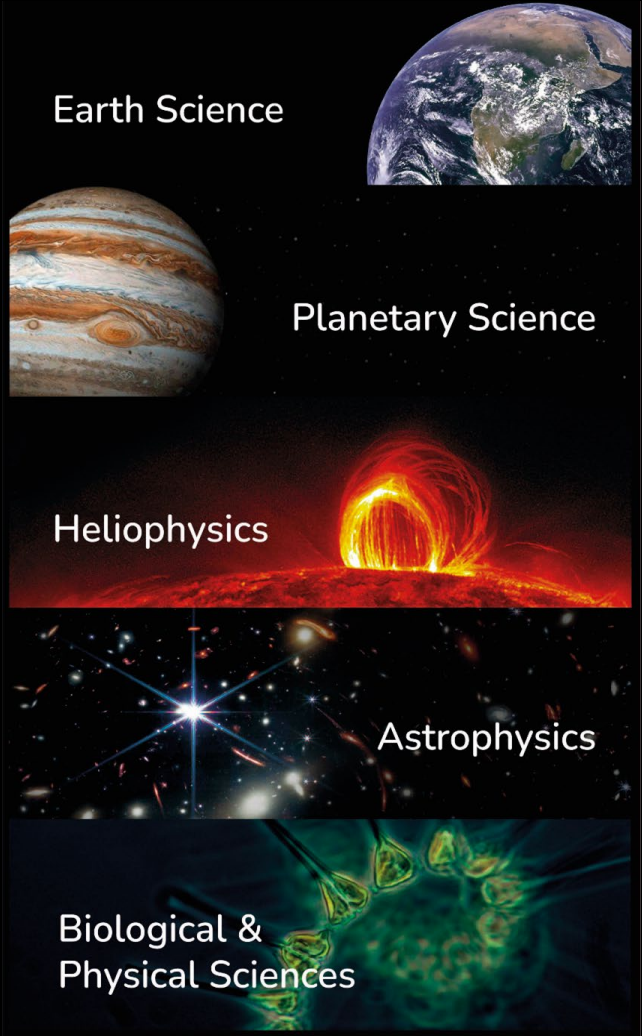
https://SciXplorer.org

While the system is still under development, it already provides a wealth of information and functionality ready for use.



Why the NASA Science Explorer?

NASA’s Science Mission Directorate in 2019 calls for the creation of interdisciplinary literature portal spanning across SMD in support of Open Science.



https://SciXplorer.org

Why the NASA Science Explorer?

NASA’s Science Mission Directorate in 2019 calls for the creation of interdisciplinary literature portal spanning across SMD in support of Open Science.

ADS has been selected for its support of open science goals: facilitating discovery and dissemination of OA publications, data, and software by aggregating and linking them.

https://SciXplorer.org

Why the NASA Science Explorer?

NASA's Science Mission Directorate in 2019 calls for the creation of interdisciplinary literature portal spanning across SMD in support of Open Science.

ADS has been selected for its support of open science goals: facilitating discovery and dissemination of OA publications, data, and software by aggregating and linking them.

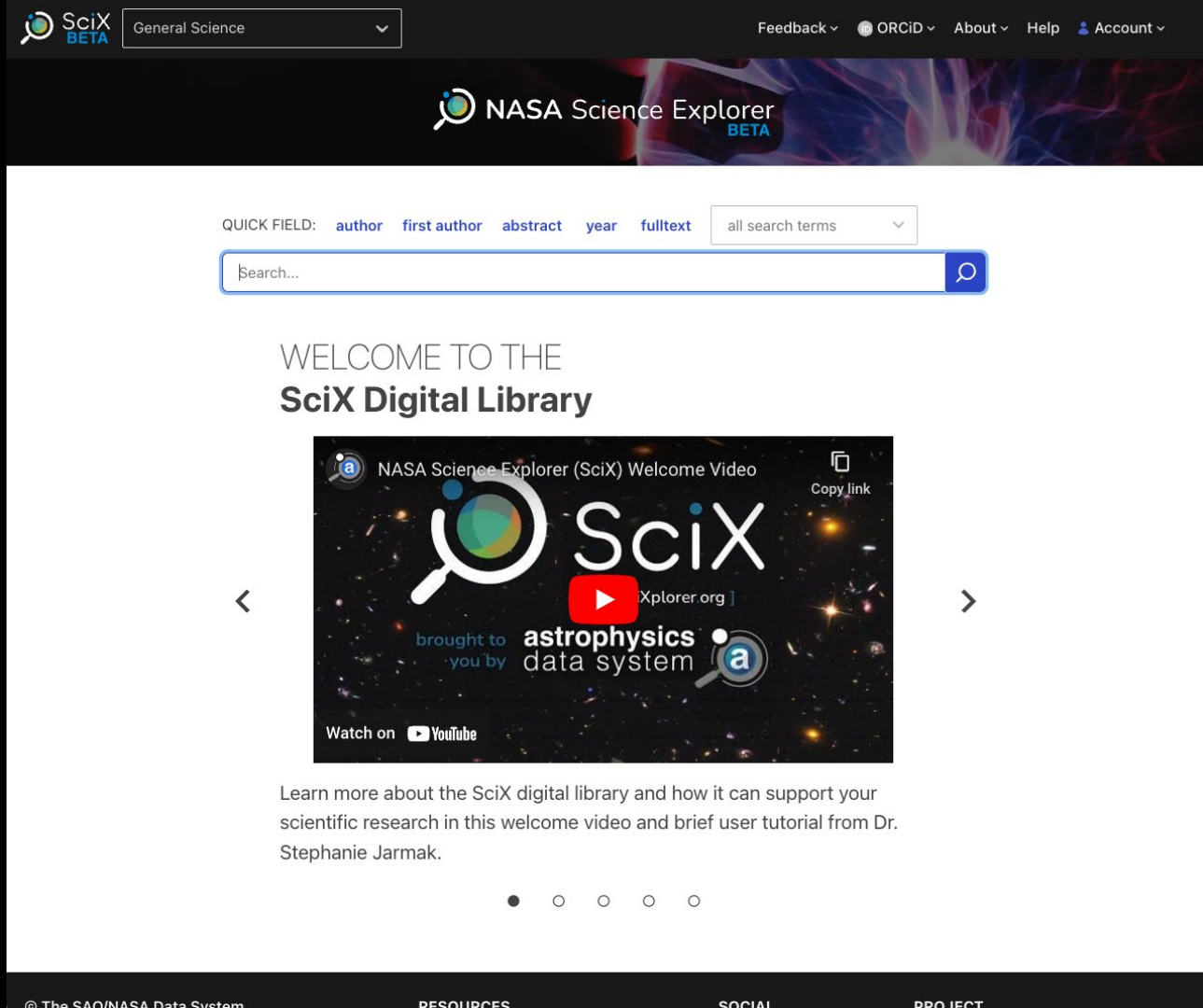
Over the next three years, the ADS team will be developing and expanding the **NASA Science Explorer** to include all relevant NASA SMD content.

https://SciXplorer.org

How is SciX similar to ADS?

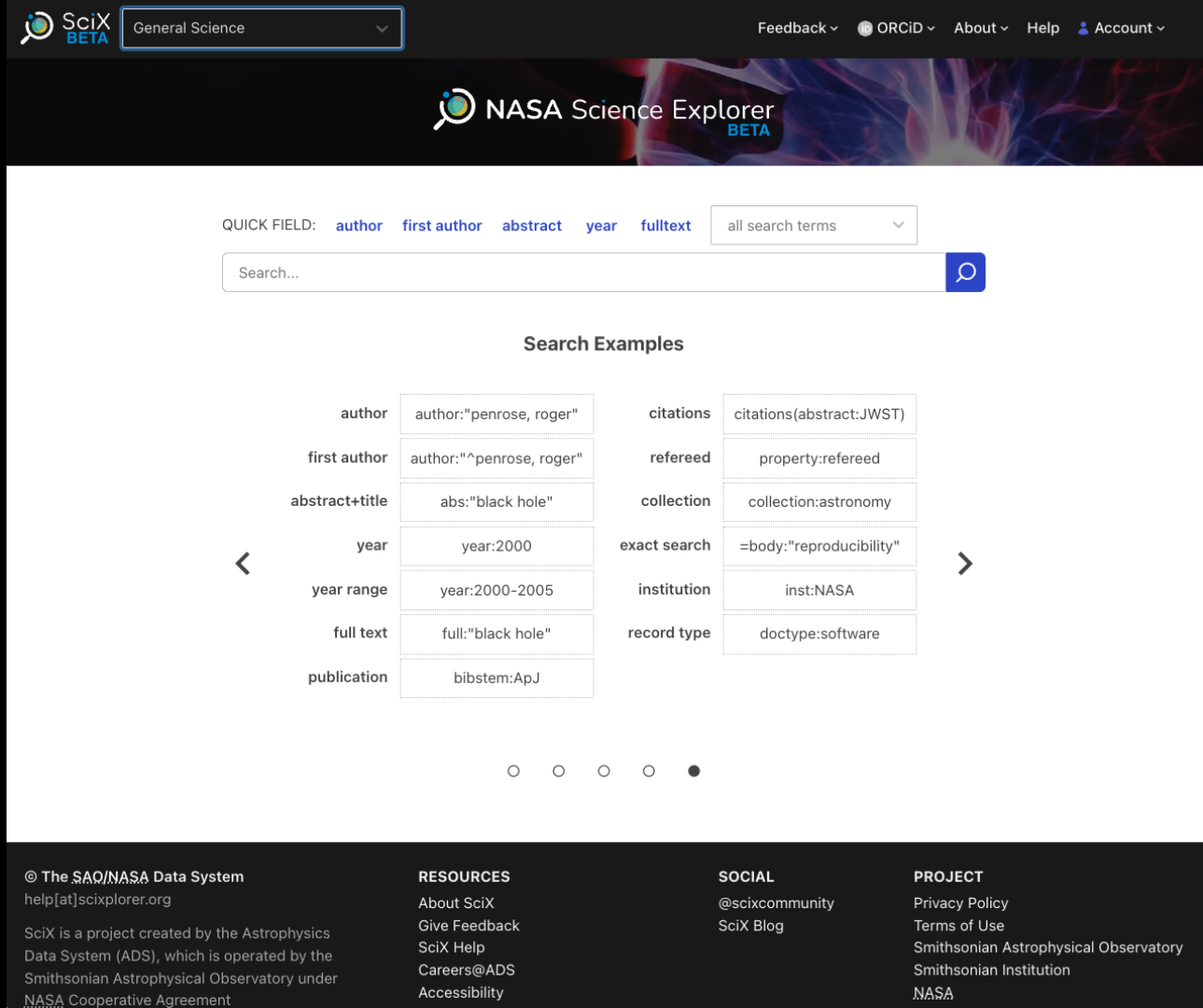
SciX is built on the same database and search engine, so no need to learn new search syntax or workflows:

- Type your query
- Filter the results
- Rank, analyze, visualize, refine
- Find citations, software, data products



How is it different from ADS?

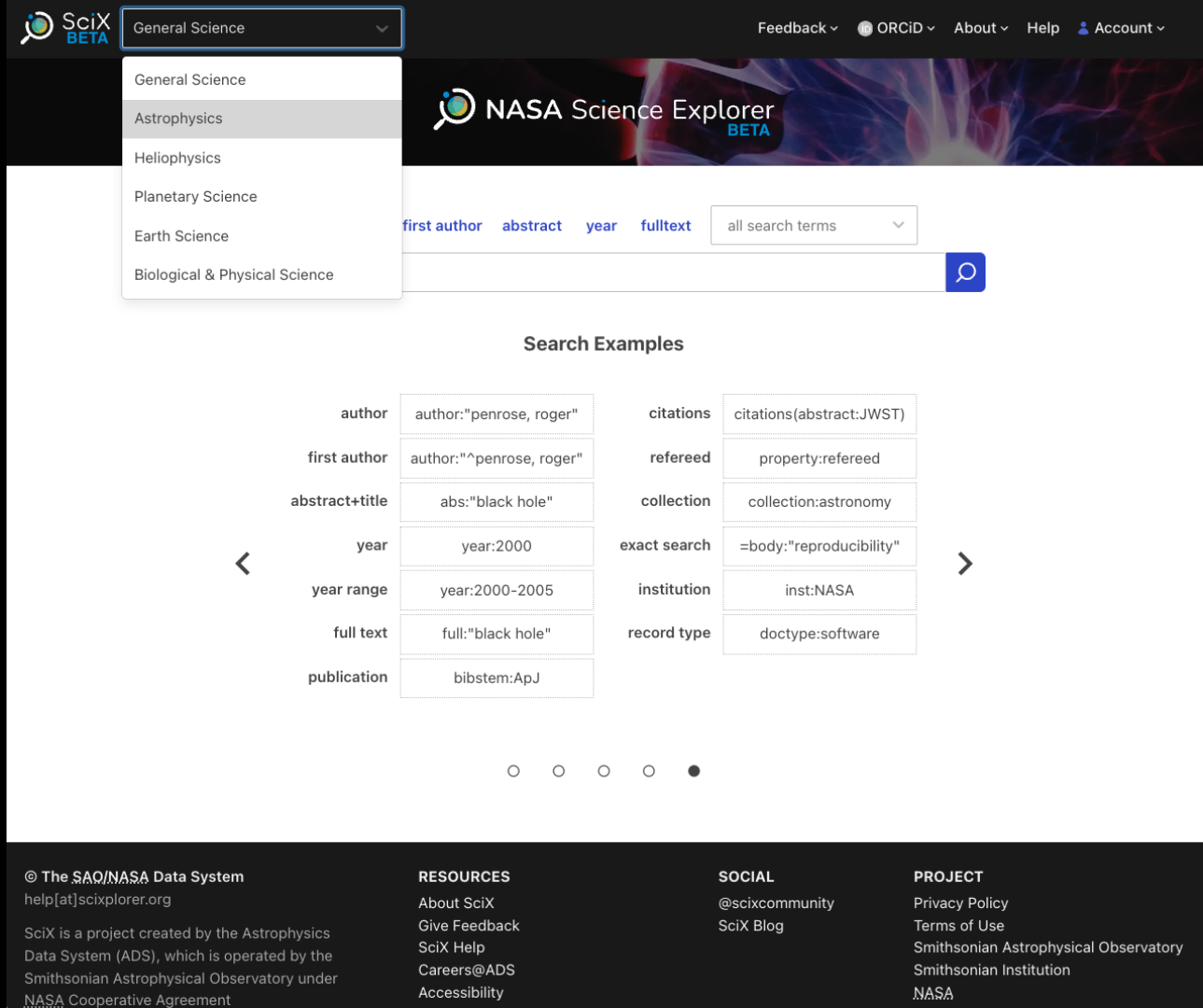
SciX is built on top of the same database and API, but has a few different features:



How is it different from ADS?

SciX is built on top of the same database and API, but has a few different features:

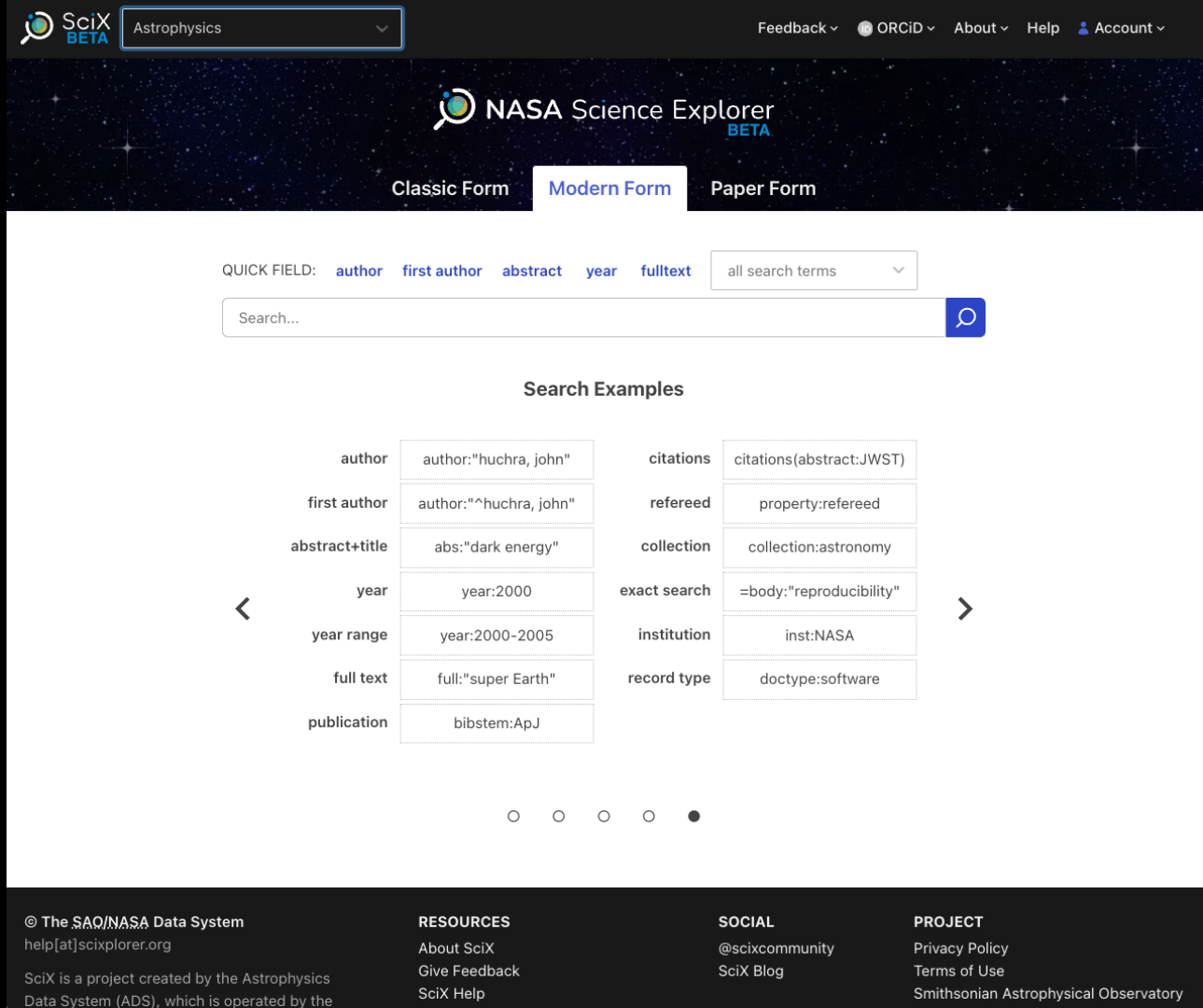
- Improved accessibility



How is it different from ADS?

SciX is built on top of the same database and API, but has a few different features:

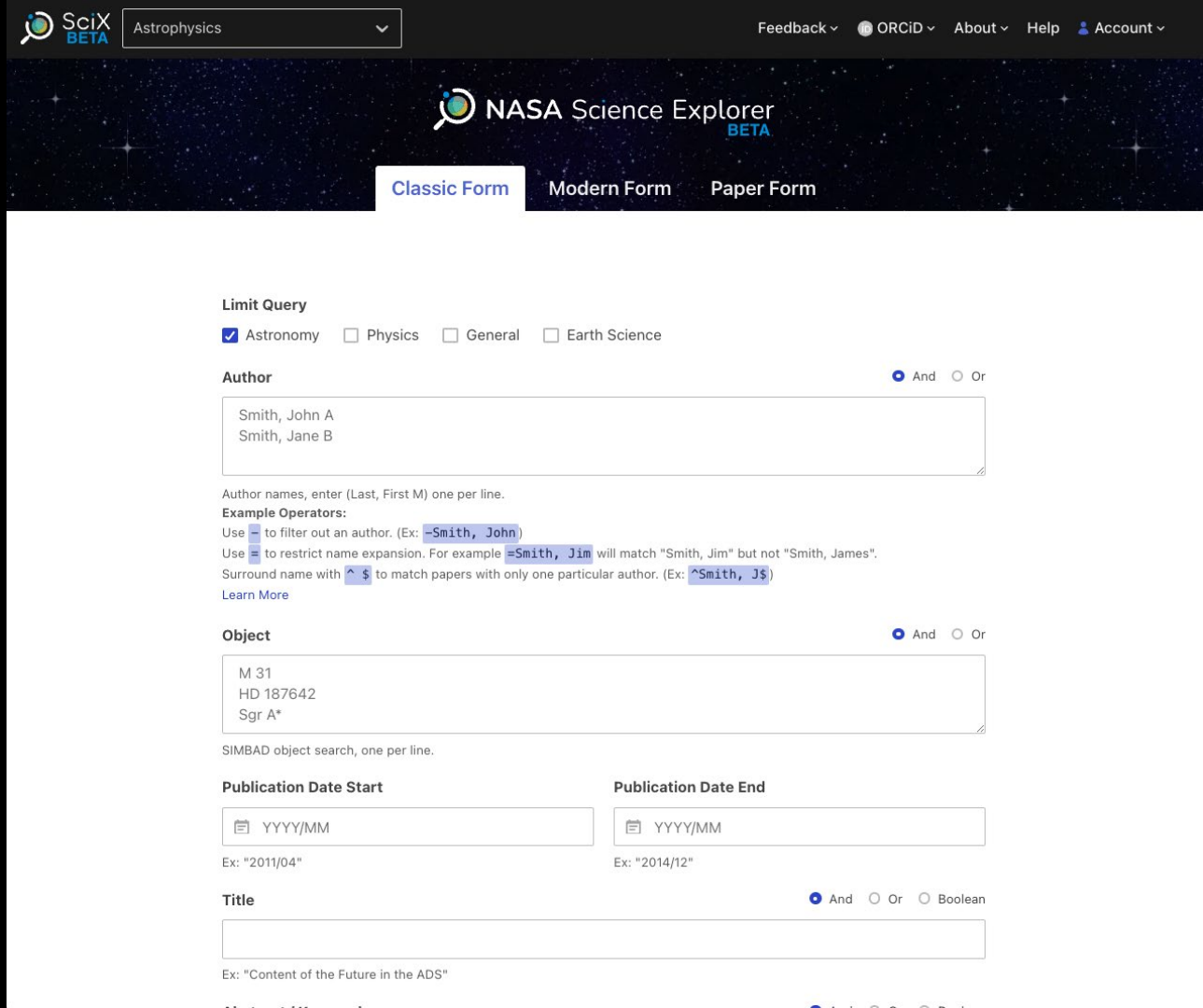
- Improved accessibility
- Discipline specific “skins”



How is it different from ADS?

SciX is built on top of the same database and API, but has a few different features:

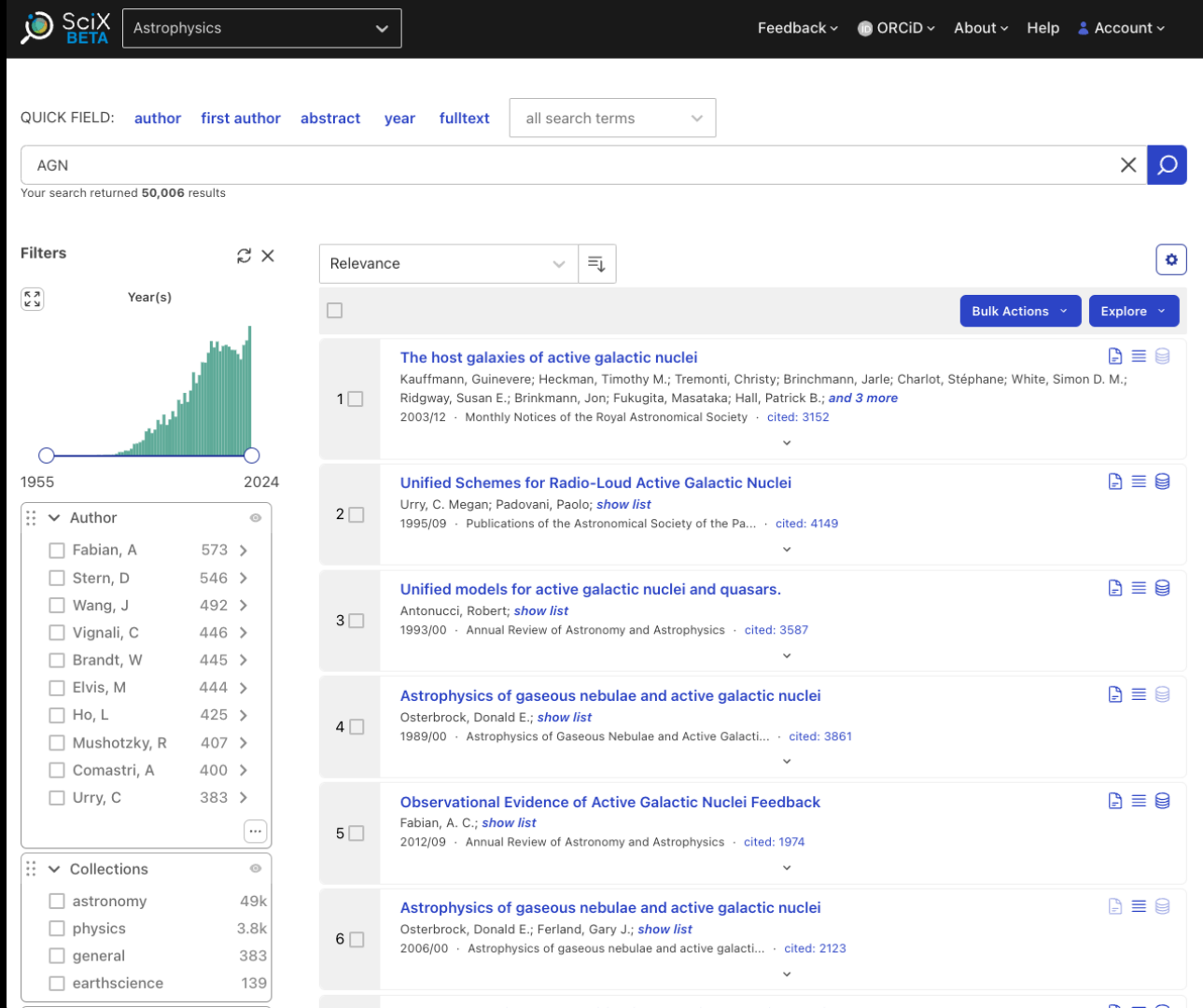
- Improved accessibility
- Discipline specific “skins” (including the “Classic Form”)



How is it different from ADS?

SciX is built on top of the same database and API, but has a few different features:

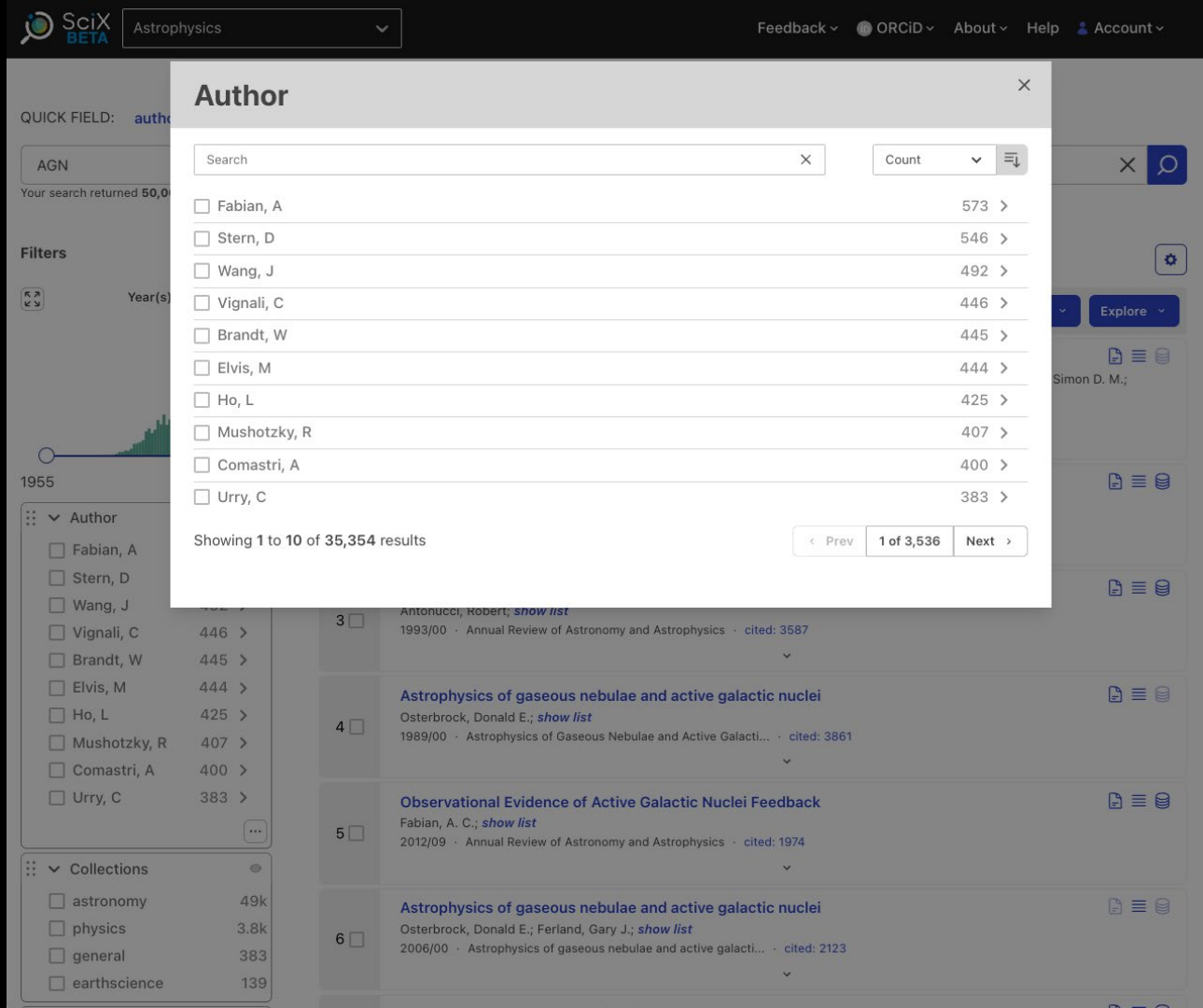
- Improved accessibility
- Discipline specific “skins”
- Better handling of filters



How is it different from ADS?

SciX is built on top of the same database and API, but has a few different features:

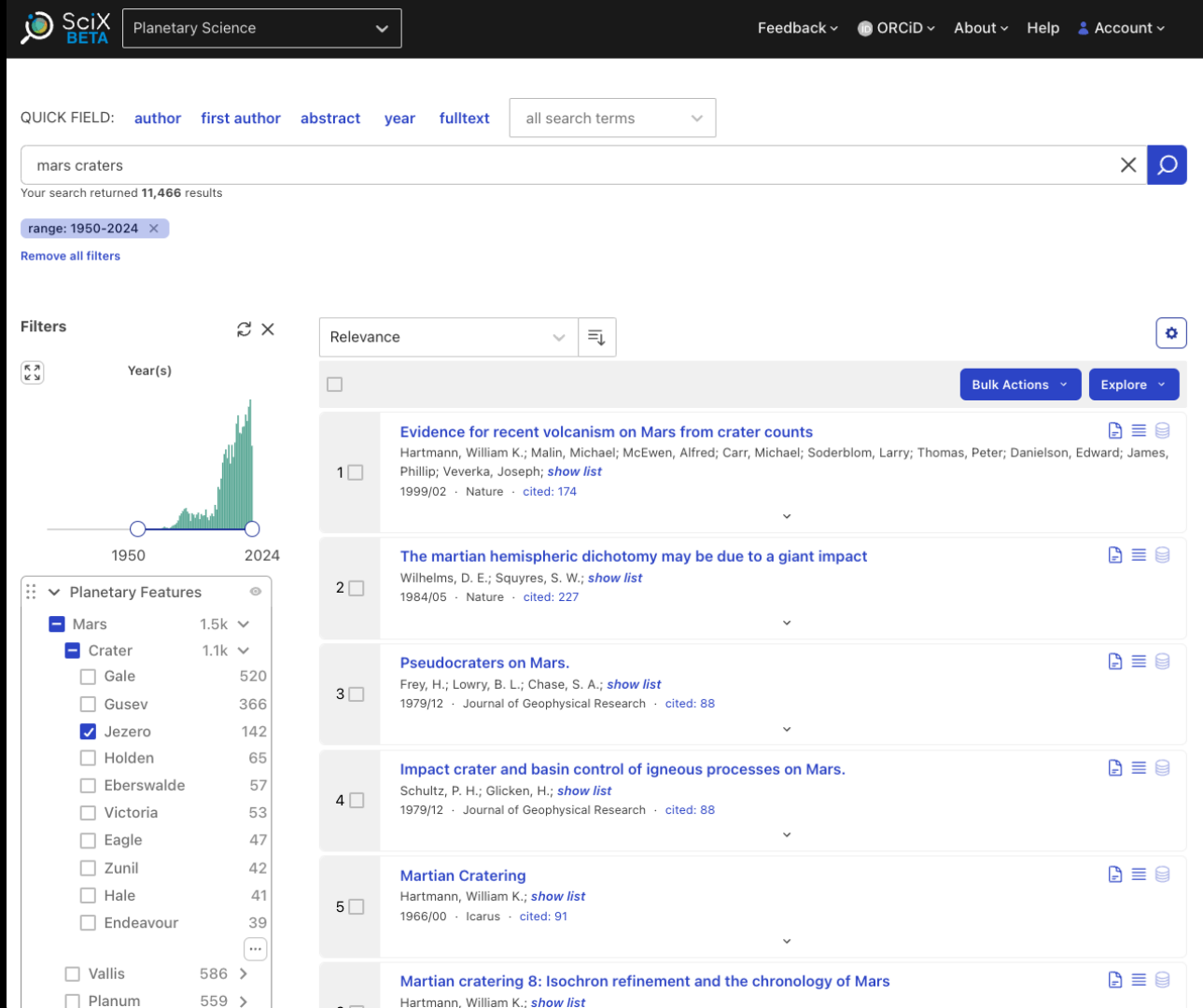
- Improved accessibility
- Discipline specific “skins”
- Better handling of filters (paging, sorting & searching)



How is it different from ADS?

SciX is built on top of the same database and API, but has a few different features:

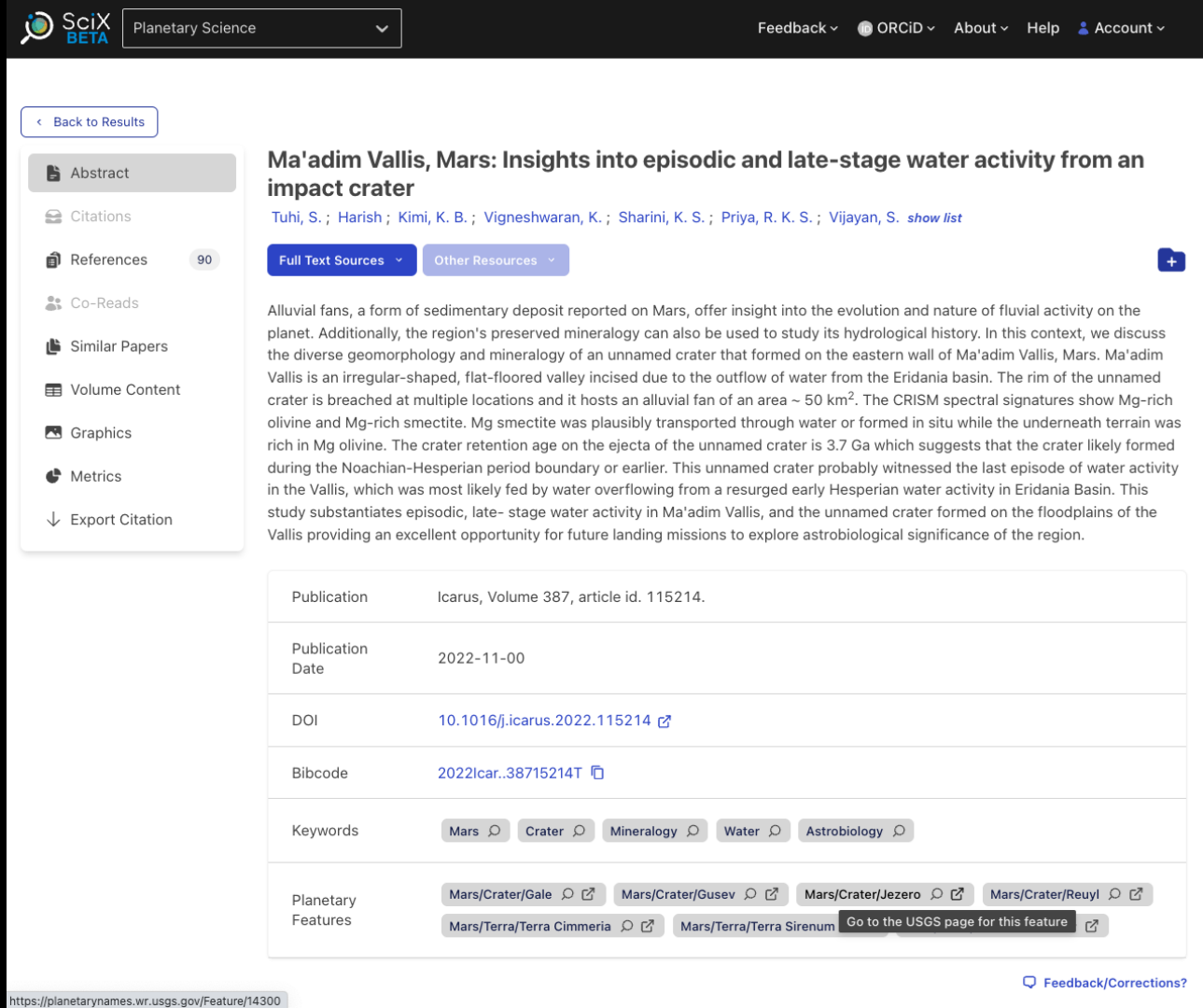
- Improved accessibility
- Discipline specific “skins”
- Better handling of filters
- Discipline-specific enhancements



How is it different from ADS?

SciX is built on top of the same database and API, but has a few different features:

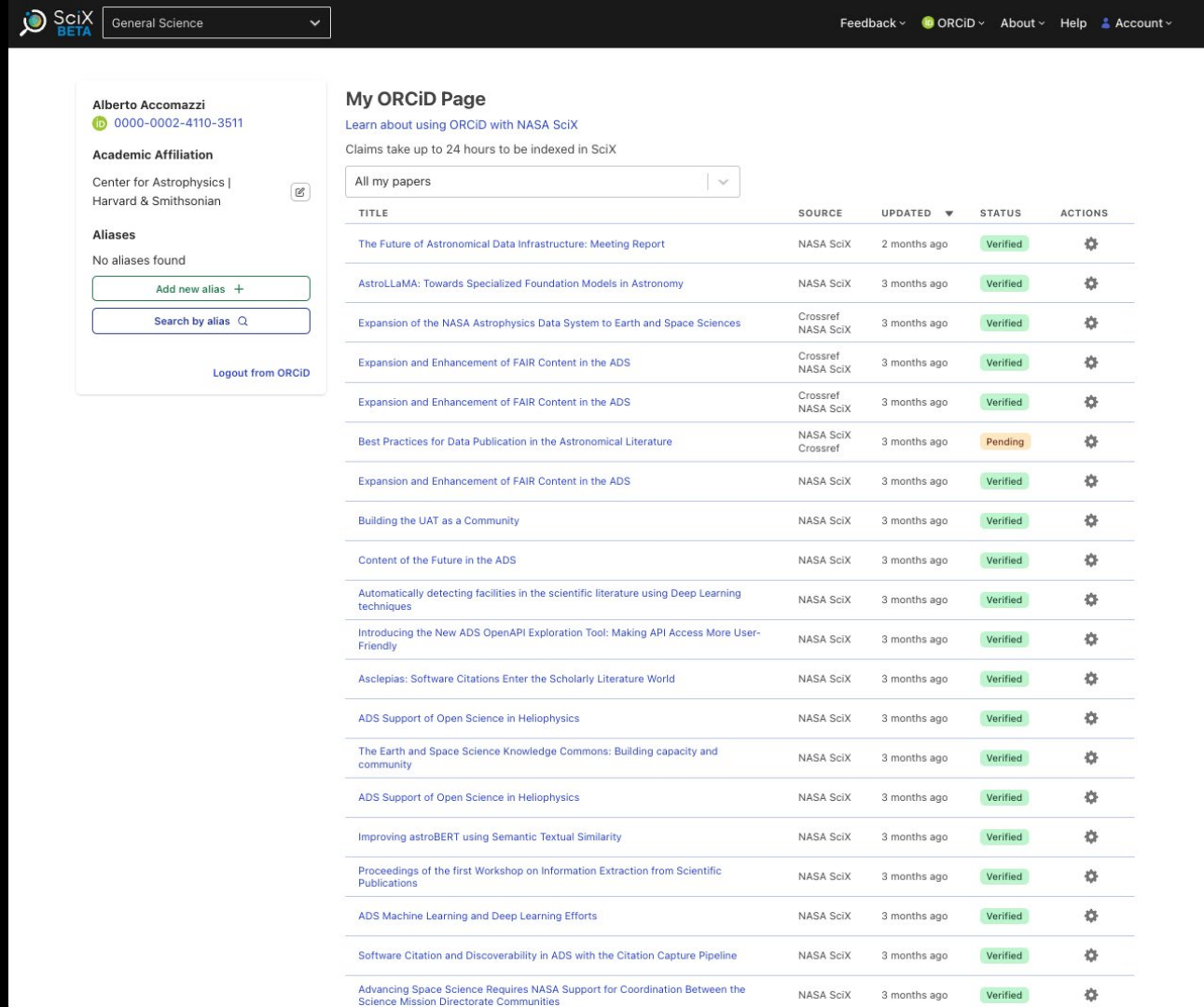
- Improved accessibility
- Discipline specific “skins”
- Better handling of filters
- Discipline-specific enhancements (with links to additional resources)



How is it different from ADS?

SciX is built on top of the same database and API, but has a few different features:

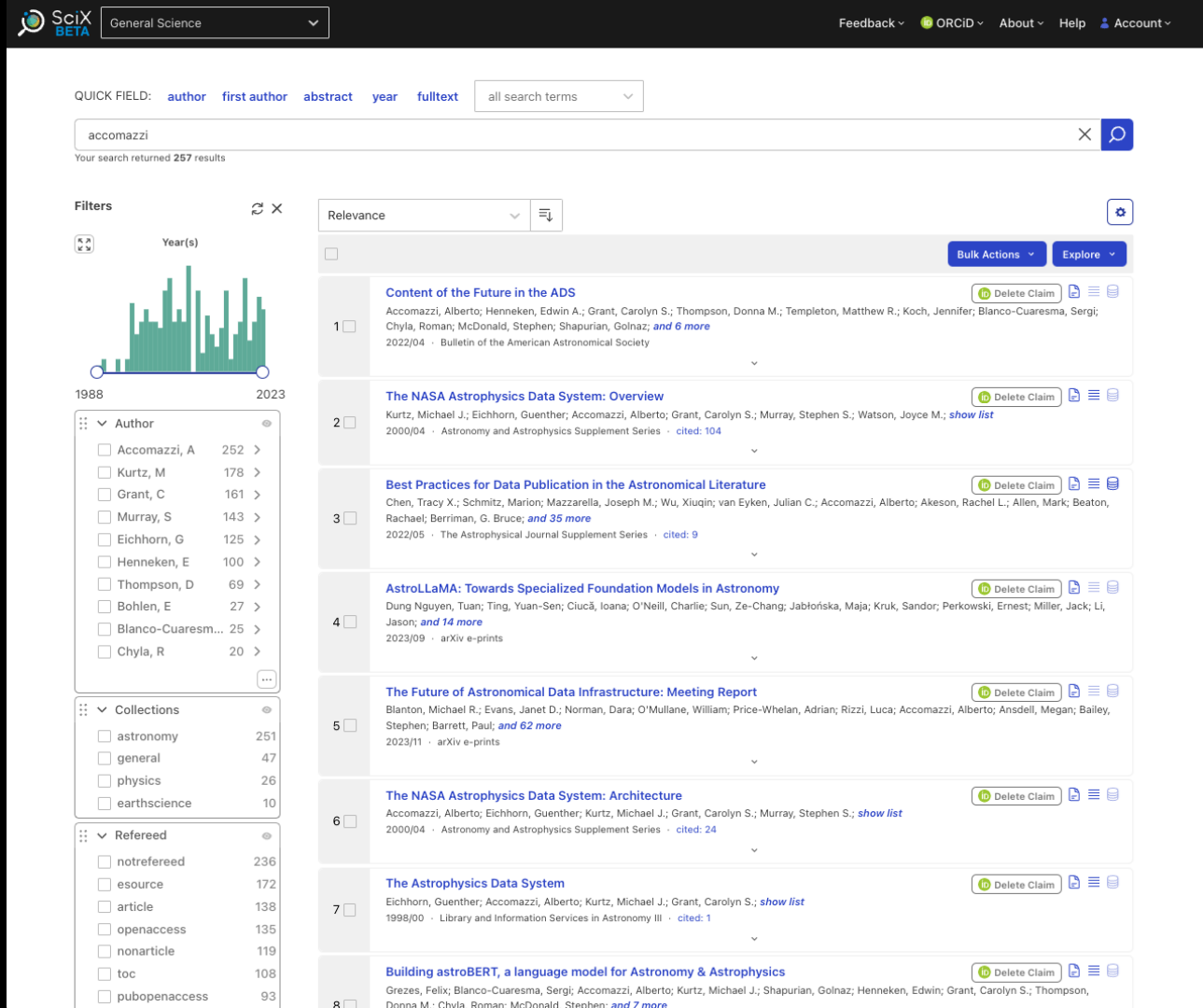
- Improved accessibility
- Discipline specific “skins”
- Better handling of filters
- Discipline-specific enhancements
- Improved ORCID integration



How is it different from ADS?

SciX is built on top of the same database and API, but has a few different features:

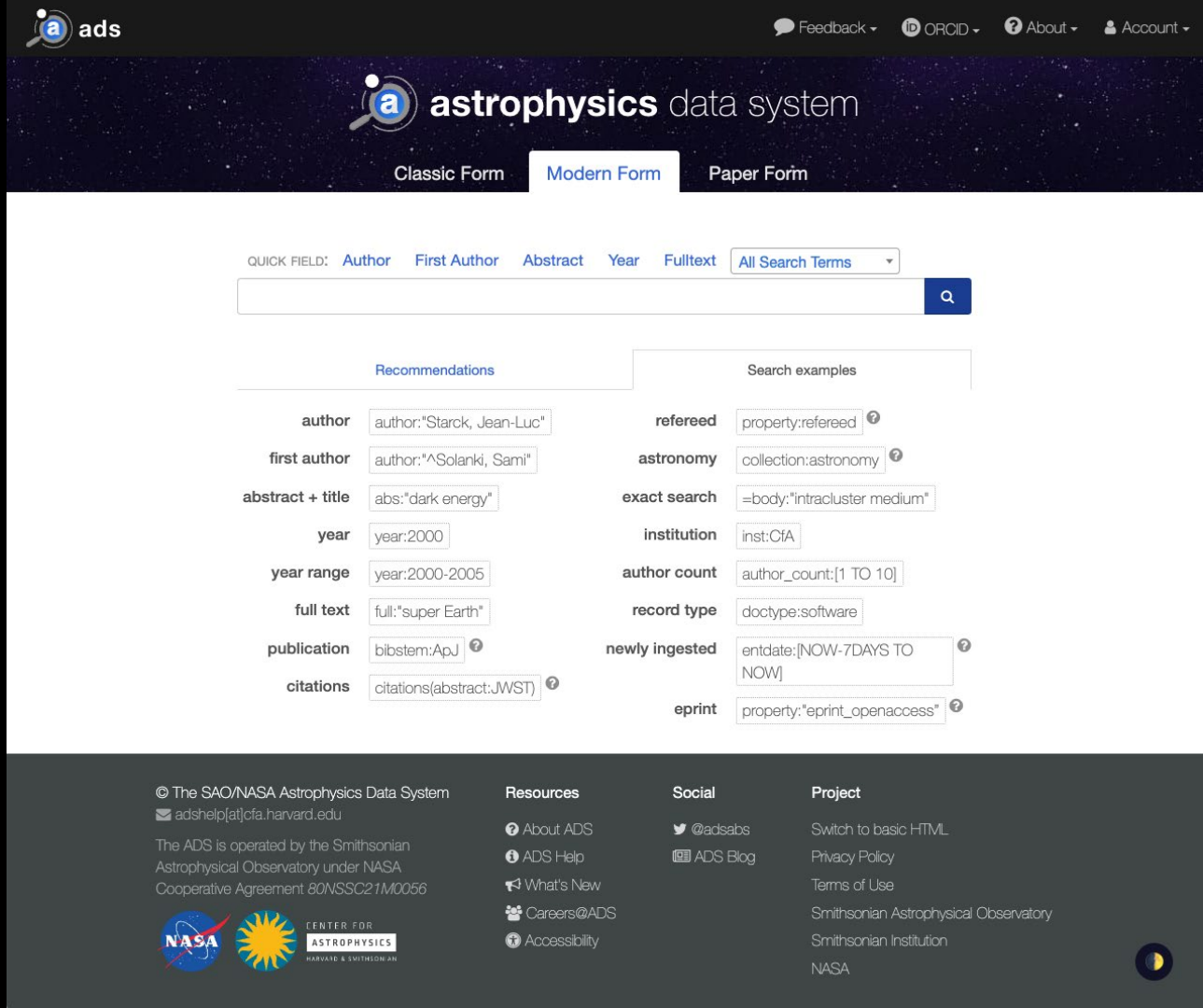
- Improved accessibility
- Discipline specific “skins”
- Better handling of filters
- Discipline-specific enhancements
- Improved ORCID integration
- New default for search ranking (customizable)



What happens to ADS?

ADS is not going away!

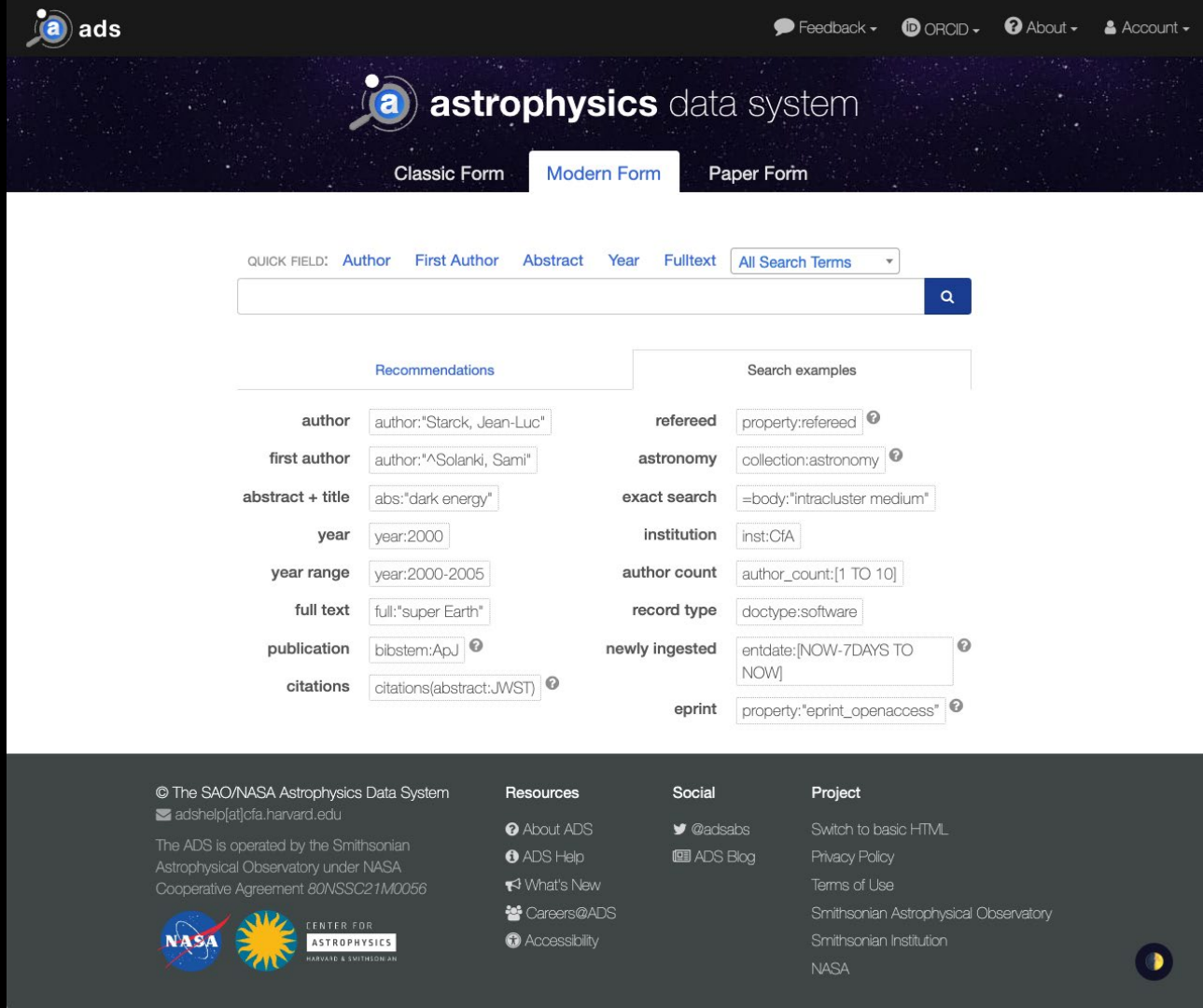
ADS will remain accessible online in its current, familiar format. All links to ADS will remain valid forever



What happens to ADS?

ADS Support will continue

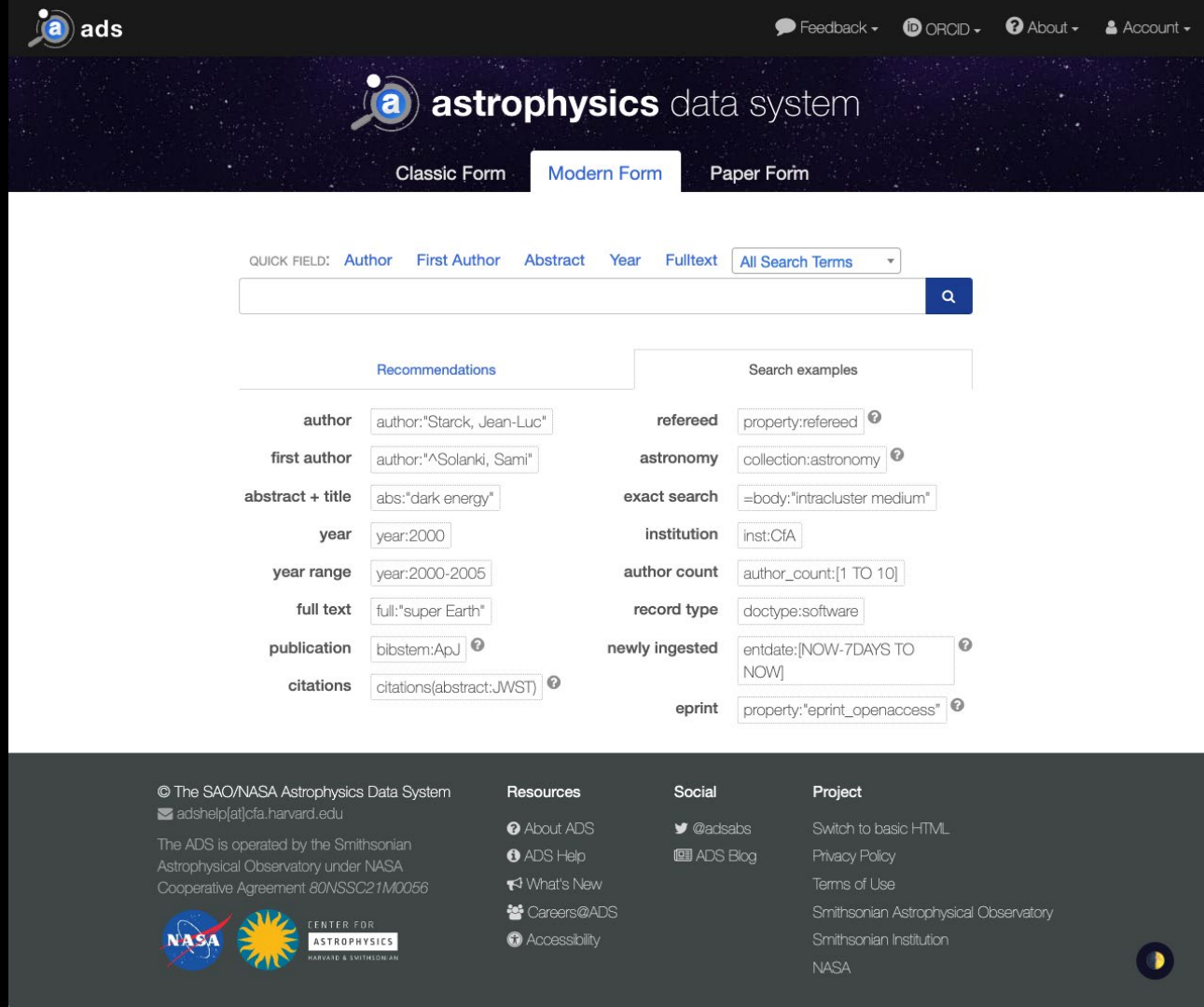
Existing ADS support will continue throughout the transition, ensuring you have the assistance and resources you need whether you stick to ADS “as is” or explore SciX



What happens to ADS?

Astrophysics remains a key focus

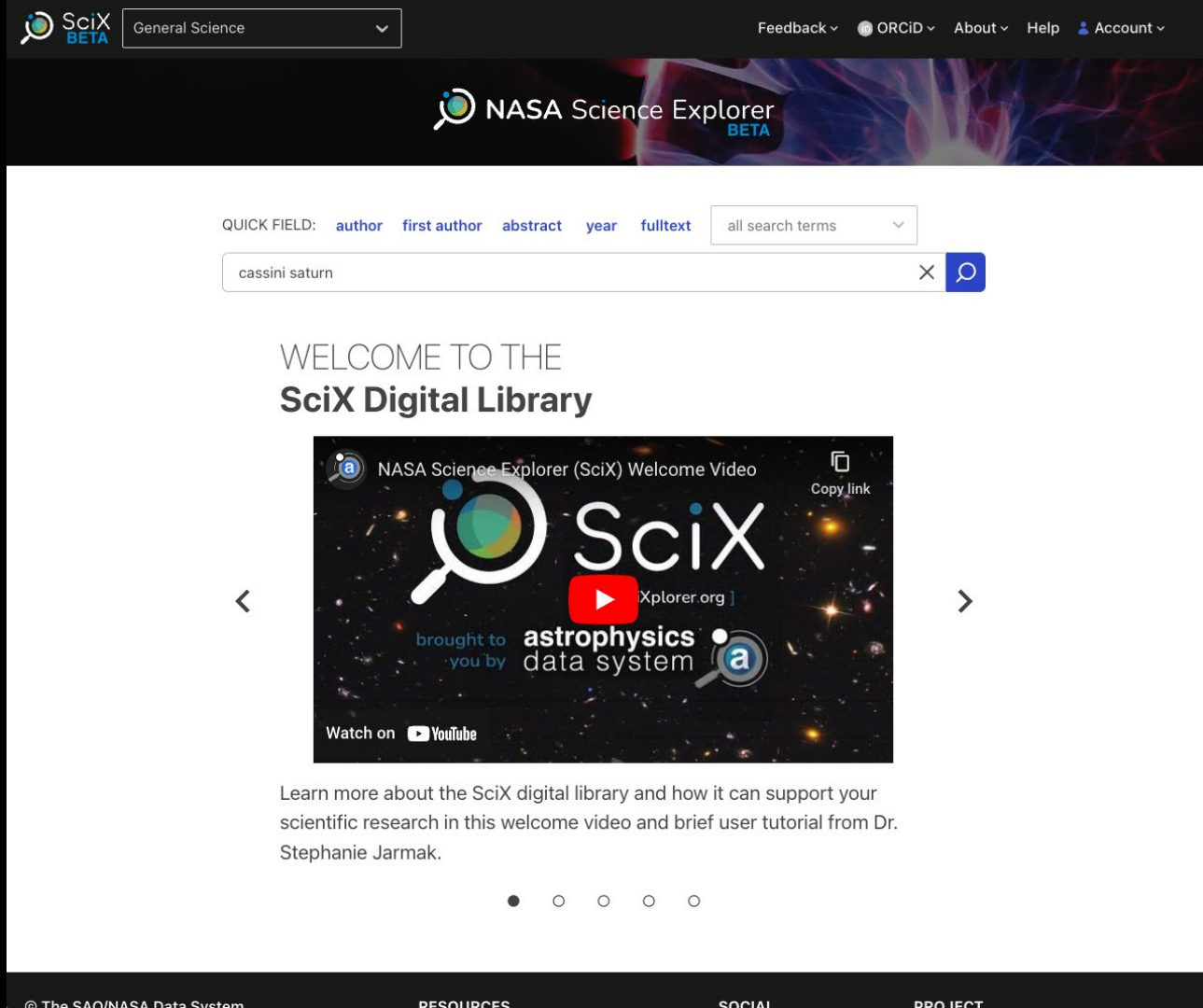
SciX will retain a strong emphasis on astrophysics. New services will continue to be designed for astrophysics, providing models for other disciplines



Why should I use SciX?

New Features will be developed in SciX

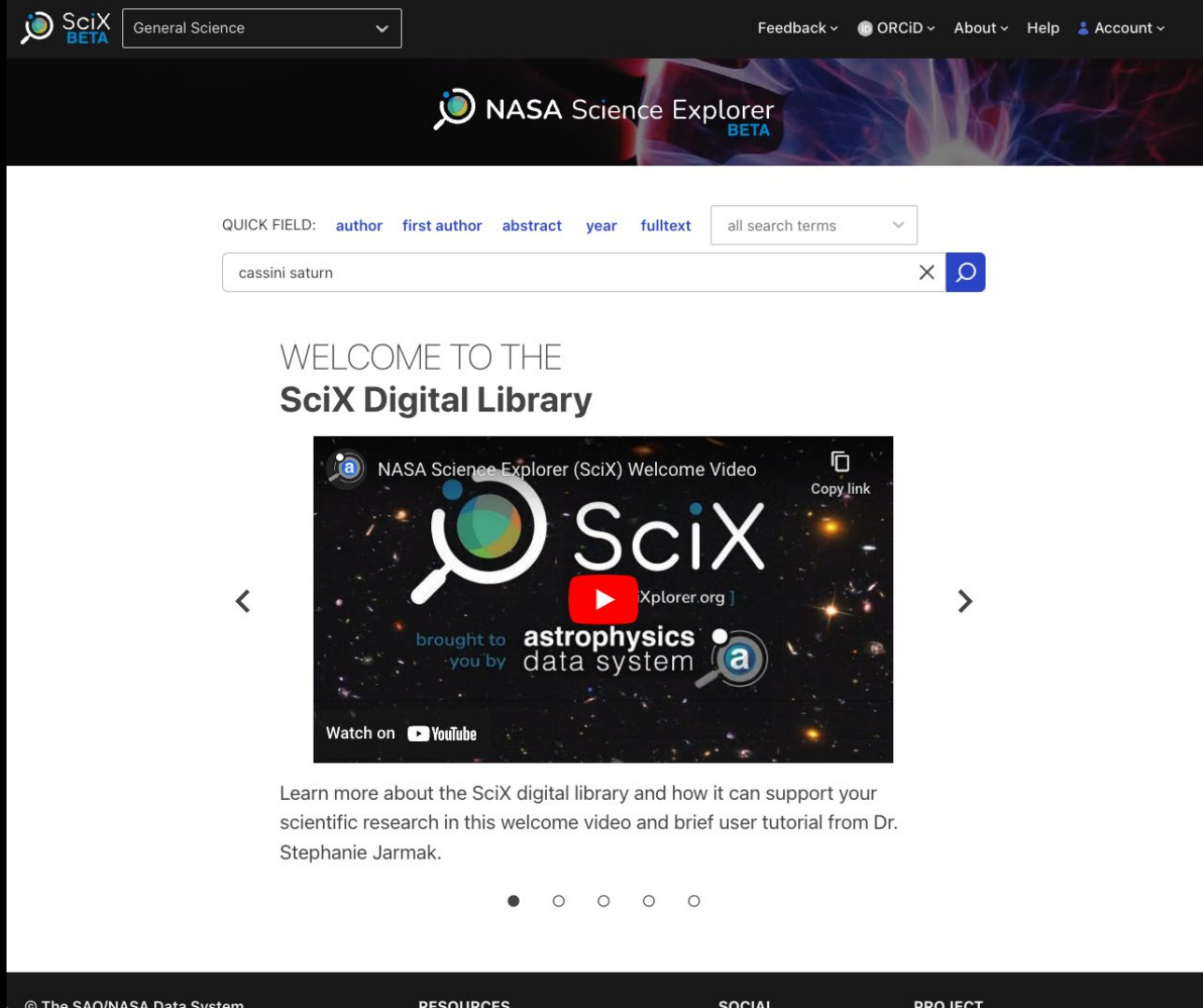
The SciX platform is our development focus and the place where new capabilities and new content will be rolled out



Why should I use SciX?

Disciplinary focus in an Interdisciplinary context

We are committed to making sure the transition will increase, not decrease, research productivity and enable interdisciplinary research

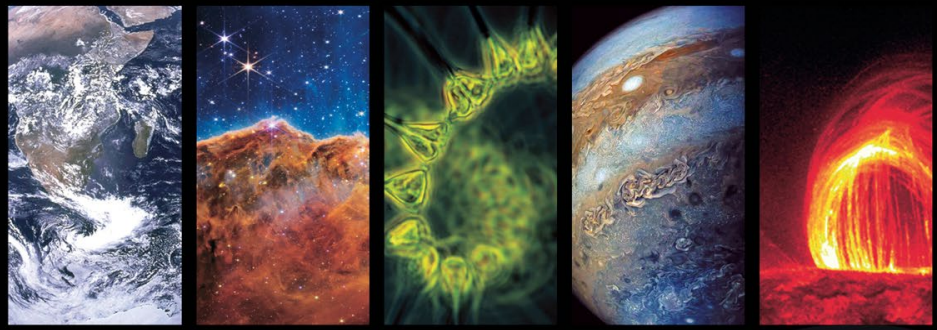


Why the NASA Science Explorer?

- All of NASA Science
- Connected to the data
- Linked to the code

SciX

[SciXplorer.org]



NASA Science Explorer

Accelerating the discovery of NASA Science.

Why the NASA Science Explorer?

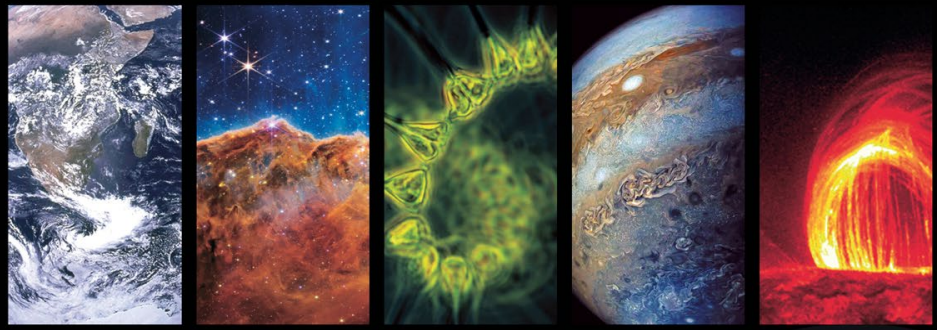
- All of NASA Science
- Connected to the data
- Linked to the code

Better than the rest…

- Open
- Trustworthy
- Complete
- Innovative
- Interdisciplinary
- Developed by scientists, for scientists

SciX

[SciXplorer.org]



NASA Science Explorer

Accelerating the discovery of NASA Science.

Thank You!

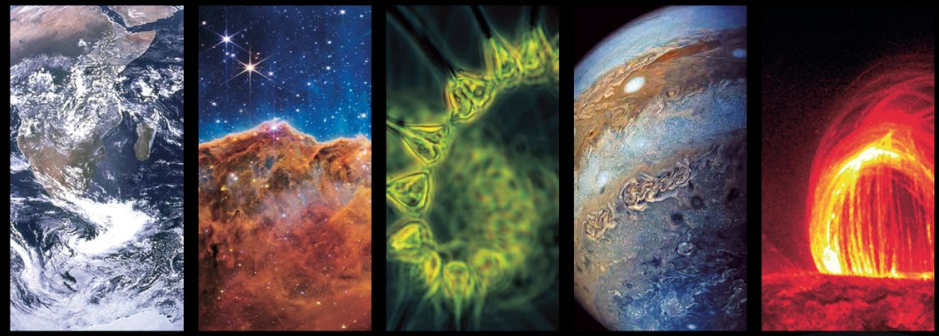
SciX

[SciXplorer.org]

For more information:

https://SciXplorer.org
@SciXCommunity

Visit us at booth #315



NASA Science Explorer

Accelerating the discovery of NASA Science.