



http://www.keystone.edu/Miller_Library

This subject guide will help you access some general Astronomy information and statistics on the Web and in the Miller Library. This guide will lead you to Reference materials, books, journals, magazines, newspapers, associations, internet resources & government documents available through the Library's holdings, services and databases. It will also direct you to on-line locations of full-text journals. As always, carefully evaluate all sources before you choose to integrate them into your papers, assignments and presentations.

Astronomy is a broad term covering physical sciences, space sciences, astrophysics cosmology, Galaxies, meteors, radio astronomy and other areas. This guide will help provide general information that will be helpful in the beginning stages of research. If you have a very specific topic in mind, consult more specific subject guides that more closely examine your chosen area.

Reference Books

Bibliographies & Directories

Bibliographies are an excellent starting point when trying to find good books and prominent authors in a certain field.

Milestones in Science and Technology (1994)—REF 500 M928m 1994

This reference offers a number of difference indexes: personal names, chronology, and geographical. Terms and their definitions are given as well as notes to additional texts and readings.

Encyclopedias & Dictionaries

The following encyclopedias and dictionaries offer a broad treatment of astronomy. They are useful for their definition terms, and for their cross references to related terms. They offer a way to quickly explore various aspects of astronomy, historical events, organizations, astronomical methods, and whatever other terms you might choose to investigate. They also provide bibliographies and reading lists for further research

Cambridge Dictionary of Scientists (2002)—REF 509.22 C178 2002

The book gives brief and accurate biographical information on those who created science from its beginnings to the present day. Completely revised and updated, the text includes over 1500 scientists from 40 nations and covers a numerous scientific specialties.

Dictionary of Astronomy (1997)—REF 520.3 M147a 1997

This text offers 3,400 essential terms relating directly to astronomy and covers every discipline of astronomy providing synonyms, acronyms, and abbreviations.

Norton's 2000.0: Star Atlas and Reference Handbook (1989)—REF 523.89 N882n

Norton's is revised and redesigned text which provides fully up-to-date information on developments in observational astronomy. Star maps have been re-plotted to provide a new level of accuracy. More objects have been added to updated maps to show all stars which are visible to the naked eye. Maps are conveniently organized for the amateur astronomer.

Cambridge Atlas of Astronomy (1985)—REF 523 C178

The Cambridge Atlas is a comprehensive reference book with over 40 contributors, and fully up-to-date features on space telescopes, the La Palma Telescopes and Halley's Comet, and more than one thousand photographs and illustrations (650 in color). An extensive glossary and index are included.

Library of Congress Subject Headings

These subject headings may be used when searching for books and other materials related to Astronomy. They are most useful for searching online catalogs, but they can also be used in searching indexes and abstracts as well as the Internet.

Astronomy	Other Related Terms:	
UF Astronomy	Astronomical	Astronomical Charts
BT Physical Sciences		
RT Space sciences		
NT Astrogeology	Astrophysics	Radio Astronomy

Some Call Numbers Related to Astronomy

Sometimes, it is difficult to find relevant information through the online catalog. You may prefer to browse the shelves that contain materials related to your topic. The Miller Library uses the Dewey Decimal Classification System, so these are the areas in the collection you might like to browse.

520	Astronomy	520	Outer Space
523.01	Astrophysics	522.682	Radio Astronomy
523.1	Cosmology	523.2	Solar System
523.112	Galaxies	522.2	Telescope

Indexes & Abstracts (Databases)

Research about Astronomy is found in the literature of cosmology, astrophysics, astronautics, astronomy, space sciences, and space travel. To find related information, look in the indexes listed below under specific astronomical topics or subjects like astronomers, astronomical societies, or astronomical observatories or space agencies (such as NASA). The order the indexes are displayed below reflects which ones are more likely to have a greater number of references to relevant published materials. All of the indexes and abstracts listed below can be accessed through Miller Library's home page.

ArticleFirst [On Campus](#) [Off Campus](#)

ArticleFirst describes items listed on the table of contents page of individual issues of more than 13,000 journals.

EBSCOhost [On Campus](#) [Off Campus](#)

Search multiple Ebsco databases at once.

Expanded Academic ASAP [On Campus](#) [Off Campus](#)

General interest and scholarly resources across a variety of disciplines.

LexisNexis Academic [On Campus](#) [Off Campus](#)

News, current events, business, medicine and law with access to news transcripts.

News-LexisNexis [On Campus](#) [Off Campus](#)

Over 350 newspapers and broadcast transcripts from major networks including ABC, CBS, Fox, NBC, & NPR.

Proquest's PA Research I [On Campus](#) [Off Campus](#)

Abstract and full-text database of general interest and scholarly resources.

Science.gov [www](#)

Selected science information from the U.S. Government.

ScienceDirect Health & Life Sciences [On Campus](#) [Off Campus](#) [Help using this database](#)

Offers access to over 1000 of Elsevier's full-text, peer-reviewed journals in the Health & Life Sciences and abstract access to other Elsevier journals. Subject areas include medicine, nutrition, forestry, environmental science, biology, biochemistry, plant, water & soil science, neuroscience, immunology and others.

WorldCat [On Campus](#) [Off Campus](#)

WorldCat contains more than 43 million items owned by libraries around the world. Materials covered in the catalog include: books, internet resources, films, journals, magazines, manuscripts, maps, musical scores, newspapers, slides, sound recordings, and videotapes. WorldCat does not include individual article titles or stories in journals, magazines, newspapers, or book chapters.

Some Websites

There are a multitude of sites on the web devoted to astronomy. The following are some of the best web sources for information about the topic. They are not meant to be comprehensive. However, they provide links to many other related sites.

[Aerospaceguide.net](http://www.aerospaceguide.net/)--<<http://www.aerospaceguide.net/>> Check out a complete guide to the solar system with related links, a history of space exploration, news, feature articles and lots more.

[Atlas of the Universe](http://anzwers.org/free/universe/) --<<http://anzwers.org/free/universe/>>Contains 3D maps of the universe zooming out from the nearest stars to the scale of the Milky Way galaxy and onwards to the surrounding superclusters and out to the entire visible universe.

[Astronomy.Com](http://www.astronomy.com/home.asp/)--<<http://www.astronomy.com/home.asp/>>Popular, colorful homepage leading to the latest news, feature articles, as well as info for hobbyists, discussion boards, photo galleries and more.

[Hubblesite](http://hubble.stsci.edu/)--<<http://hubble.stsci.edu/>>The latest and greatest shots take from the Hubble Space Telescope.

[Librarians' Index to the Internet: Astronomy](http://lii.org/search/file/astronomy)--<<http://lii.org/search/file/astronomy>>The Librarians' Index to the Internet provides a well-organized point of access for reliable, trustworthy, librarian-selected internet resources on a national and international basis.

E-Journals

[Astronomical Journal](http://www.journals.uchicago.edu/AJ/journal/)— <http://www.journals.uchicago.edu/AJ/journal/>

[Astronomy](http://proquest.umi.com/pqdweb?RQT=318&pmid=000018931)—available through Proquest— <http://proquest.umi.com/pqdweb?RQT=318&pmid=000018931>

[Sky and Telescope](http://proquest.umi.com/pqdweb?RQT=318&pmid=000029125)—available through Proquest— <http://proquest.umi.com/pqdweb?RQT=318&pmid=000029125>

Relevant Journals—in the Miller Library

If you are searching for a particular journal, you may want to use the [Locate E-Journals](#) on the Miller Library's [main webpage](#) to determine which database offers full-text access to your chosen title, or you may elect to check the title lists of each database. The following are important journals which deal with **Astronomy**. The list provided here is not comprehensive:

Astronomy

Full-Text in	from 01/01/1988 to present in ProQuest Research Library
Full-Text in	from 01/01/1993 to present in Expanded Academic ASAP

Space & missile defense report

Full-Text in	from 02/28/2000 to 08/06/2007 in Expanded Academic ASAP
Full-Text in	from 07/10/2006 to present in LexisNexis Academic

Astronomy and astrophysics review

Full-Text in	from 03/01/2002 to 1 year ago in ProQuest Research Library
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Space business news

Full-Text in	from 01/03/1996 to 12/06/2000 in LexisNexis Academic
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CCD astronomy

Full-Text in	from 04/01/1994 to 01/01/1997 in ProQuest Research Library
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Space Center Roundup

Full-Text in	from 1961 to present in Freely Accessible Science Journals
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Communicating Astronomy with the Public

Full-Text in	from 2007 to present in Freely Accessible Science Journals
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Space daily

Full-Text in	from 03/29/2004 to present in LexisNexis Academic
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Earth, planets, and space

Full-Text in	from 1998 to 2004 in Freely Accessible Science Journals
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Space debris

Full-Text in	from 01/01/1999 to 01/01/2000 in ProQuest Research Library
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Experimental astronomy

Full-Text in	from 03/01/1997 to 06/01/2006 in Expanded Academic ASAP
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Space: UK

Full-Text in	from 06/01/2002 to present in Freely Accessible Science Journals
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Military space

Full-Text in	from 07/03/1989 to 04/20/1992 in Expanded Academic ASAP
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Sky and telescope

Full-Text in	from 01/01/1993 to present in Expanded Academic ASAP
Full-Text in	from 07/01/1996 to 04/30/2001 in ProQuest Research Library
Full-Text in	from 01/01/2004 to present in ProQuest Research Library