



Locating Research Literature in Food Science and Technology

OSU Libraries

library.osu.edu

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Librarians

Columbus

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Library Locations

Food, Agricultural and Environmental Sciences Library

045 Agricultural Administration Building
2120 Fyffe Rd.

Columbus, OH 43210

614-292-6125

Hours: Mon-Wed 8am-8pm

Thu-Fri 8am-5pm

Closed Sat

Sun 4pm-8pm

OSU OARDC Library

Fisher Auditorium

1680 Madison Ave.

Wooster, Ohio 44691

330-263-3773

Hours: Mon-Fri 8am-5pm

Closed Sat and Sun

Hours for other library locations can be found online:

<http://library.osu.edu/sites/libinfo/hours.php>.

Finding Books

Books held by OSU Libraries

Search the OSU Libraries catalog from the OSU Libraries' home page to locate books, theses, journals and other items held by OSU.

<http://library.ohio-state.edu/search/>

Books held by other OhioLINK institutions

OhioLINK is a consortium of 88 Ohio college and university libraries, and the State Library of Ohio. Search the OhioLINK catalog to locate the 48 million books, and other items held by these institutions and request that they be sent to you at OSU.

<http://olc1.ohiolink.edu/search/>

Electronic Books

You can locate many e-books using the OSU Library catalog. Thousands more scholarly and reference e-books are available from the OhioLINK Electronic Book Center.

<http://ebooks.ohiolink.edu/ebc-home/>

Finding Articles

Research Databases

List of general and specialized databases listed alphabetically by title or by subject:

<http://library.ohio-state.edu/screens/databases.html>

Electronic Journals

Online Journal List (OSU): <http://nf4hr2ve4v.search.serialssolutions.com/>

Electronic Journal Center (OhioLINK): <http://journals.ohiolink.edu/ejc/>

OLinks Journal Article Lookup (EJC): <http://olinks.ohiolink.edu/article-lookup.php>

Citation Matcher (PubMed): <http://www.ncbi.nlm.nih.gov/corehtml/query/static/citmatch.html>

Finding Articles: Recommended Databases

Database	Description
AGRICOLA	Contains citations to agricultural literature acquired by the United States National Agricultural Library and cooperating institutions, and subfiles of related subjects, such as food and nutrition, agricultural economics, parasitology, etc., supplied by information centers. Especially good for retrieving USDA, Extension and Experiment Station publications.
BIOSIS Previews	Contains references to journal articles, reports, literature reviews, conference papers, patents, and book synopses in the life sciences. Coverage includes 5500 journals and 1500 international meetings in agriculture, biology, biotechnology, environment, and the health sciences.
Business Source Complete	Business Source Complete contains indexing and abstracts for the most important scholarly, peer-reviewed business journals back to 1886. Searchable cited references are provided for more than 1,200 journals. Full text is available for many articles.
CAB Direct	Over 9,000 journals are scanned for inclusion, as well as books, conferences, reports, and other kinds of literature published internationally with abstracts in English prepared from papers originally published in over 70 different languages. Subjects covered include: animal and crop husbandry, animal and plant breeding, plant protection, genetics, forestry, engineering, economics, veterinary medicine, human nutrition, and rural development. Particularly good for materials from Great Britain, Europe, and Commonwealth Countries.
CINAHL	CINAHL (the Cumulative Index to Nursing and Allied Health) Indexes nursing and allied health journals, including journals in nutrition and dietetics.
Compendex	Compendex is the most comprehensive bibliographic database of scientific and technical engineering research available, covering all engineering disciplines. It includes millions of bibliographic citations and abstracts from thousands of engineering journals and conference proceedings. When combined with the Engineering Index Backfile (1884-1969), Compendex covers well over 120 years of core engineering literature.
Dissertation Abstracts	ProQuest Dissertations and Theses contains more than 2.4 million citations, with abstracts (since 1980) to dissertations accepted for doctoral degrees by accredited North American educational institutions and more than 200 institutions elsewhere. Dissertation Abstracts also contains citations, with abstracts (since 1988), to some masters' theses. Coverage includes approximately 3,000 subject areas, as well as masters theses and some dissertations from Canadian and overseas institutions. Includes free full-text for all dissertations submitted since 1997.
FSTA (Food Science and Technology Abstracts)	Food Science and Technology Abstracts (FSTA) includes indexing from 1800 publications, including journals, reviews, standards, legislation, patents, books, theses, and conference proceedings. FSTA covers all areas of food science and technology, including basic food science, nutrition, biotechnology, toxicology, packaging, and engineering.
Google Scholar	Google Scholar provides a simple way to broadly search for scholarly literature. From one place, you can search across many disciplines and sources: articles, theses, books, abstracts and court opinions, from academic publishers, professional societies, online repositories, universities and other web sites. Google Scholar helps you find relevant work across the world of scholarly research.
Knovel	Knovel is a collection of ebooks and technical information across the fields of science and engineering. It includes a notable food science and technology collection.
PubMed	PubMed, a service of the National Library of Medicine, provides access to over 15 million MEDLINE citations back to the mid-1950s and additional life science journals. PubMed includes links to many sites providing full text articles and other related resources.
SciFinder Scholar	SciFinder Scholar/Chemical Abstracts is the largest and most comprehensive database of chemical literature in the world. It covers not only the core areas of chemistry, but also chemistry related sciences such as biotechnology, agricultural chemistry, toxicology and environmental science among others. SciFinder Scholar is software based on client/server architecture that permits easy, natural language searching of the Chemical Abstracts database by research topic, author, chemical substance or reaction. Obtain client software from OSU's OIT Software. Go to: http://osusls.osu.edu/ .

Database	Description
Scopus	Scopus is a multidisciplinary abstract and citation database including peer-reviewed titles from international publishers, journals, conference proceedings, trade publications, and quality web sources. The database contains 41 million records and nearly 18,000 titles from 5,000 publishers worldwide. Includes over 3 million conference papers and provides 100% Medline coverage. Scopus offers sophisticated tools to track, analyze and visualize research.
Web of Knowledge: Journal Citation Reports	Provides easy access to data that helps you evaluate and compare scholarly journals. includes virtually all specialties in the areas of science, technology, and social sciences. Using citation data drawn from over 7,500 scholarly and technical journals from more than 3,300 publishers in over 60 countries, the JCR can show you the: highest impact journals, most frequently used journals, hottest journals, largest journals.
Web of Knowledge: Science Citation Index, Social Science Citation Index	A multi-disciplinary database, with searchable author abstracts, covering the journal literature of the sciences and social sciences. It indexes approximately 7,000 major journals across 214 disciplines. A unique feature of this database is cited reference searching.

Finding Patent Literature

Database	Description
U.S. Patents	The web site of the U.S. Patent and Trademarks Office offers all the tools necessary to do a comprehensive search for previously issued U.S. patents, from 1790 present. The website contains a database of the text and drawings from all issued patents. http://www.uspto.gov/
European and World Patents	The European Patent Office site provides access to more than 50 million patent documents from around the world, most of which are patent applications, not granted patents. Patent applications are usually the first publication of a new idea, appearing before journal articles are published or new products reach the market.

Interlibrary Loan / Document Delivery Services (ILLiad)

Whether the article you need is across campus or around the globe.	
Article Express	Provides electronic delivery of journal articles, book chapters, and proceedings papers to OSU faculty, staff, and students. The online form can be used to request articles from both OSU and non-OSU collections at no cost to you. Requests from the OSU Collections are usually filled within 3 business days; however, copies obtained from non-OSU collections may take longer. Users can access their articles on our server from any computer with internet access, a browser, and Adobe Acrobat reader. For more information, including limits on requests, go to https://osu.illiad.oclc.org/illiad/osu/ArticleExpressLogon.html .

Keep Up With Current Literature (Current Awareness Services)

Type of search	Receive alerts when new articles of interest are available. May require a free account or registration. Results may be delivered by email or RSS feed.
Table of Contents <i>Contents of newly added issues from your journal picks</i>	Publishers' websites —visit publisher website and look for alert services MyEJC : http://journals.ohiolink.edu/ejc/login.cgi (My [OhioLINK] Journals) TicTOCS : http://www.tictocs.ac.uk/
Keyword <i>Customized keyword searches run on newly added journal issues</i>	Research databases —saved searches executed manually or when database is updated MyEJC : http://journals.ohiolink.edu/ejc/login.cgi (My Searches) Online catalog : https://library.ohio-state.edu/patroninfo/ Login to your account. Create a preferred search within the catalog. The system notifies you when new resources are added matching your search criteria. Google Scholar : http://scholar.google.com Get email alerts when new articles related to your interests are published.
Cited articles <i>You are alerted when new articles citing a prior article are added</i>	Web of Knowledge : http://apps.webofknowledge.com.proxy.lib.ohio-state.edu/ (My Citation Alerts) Scopus : http://www.scopus.com.proxy.lib.ohio-state.edu/home.url (My alerts)

Managing Citations

Software that helps store, manage, and format bibliographic citations.	
Web-based	RefWorks : A web-based bibliography and database manager that allows users to create their own personal database by importing references from text files or online databases. You can use these references in writing your papers and automatically format the paper and the bibliography. Free to OSU community. https://www.refworks.com/Refworks/login.asp?WNCLang=false EndNote Web : http://www.myendnoteweb.com/ Free access to web-based EndNote from a university (authorized) IP address. Account must be used or reactivated periodically. Zotero : http://www.zotero.org/ Free, easy-to-use Firefox extension and desktop program (beta) to help you collect, manage, and cite your research sources. Mendeley : http://www.mendeley.com/ A desktop and web program for managing and sharing research papers, discovering research data and collaborating online.
Workstation-based	<i>Purchase through software vendors; educational discounts may apply.</i> EndNote : http://www.endnote.com/ Discount pricing available to the OSU community from http://wiredout.osu.edu/ . ProCite : http://www.procite.com/ Reference Manager : http://www.refman.com/

Thesis/Dissertation Preparation

Writing Assistance/Guides	Graduate School : http://www.gradsch.osu.edu/dissertations-and-theses.html Center for the Study and Teaching of Writing : http://cstw.osu.edu/writingcenter
Electronic Submission	OhioLINK ETD Submission : http://etd.ohiolink.edu/submit/ Graduate School Requirements : http://www.gradsch.osu.edu/guidelines.html

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