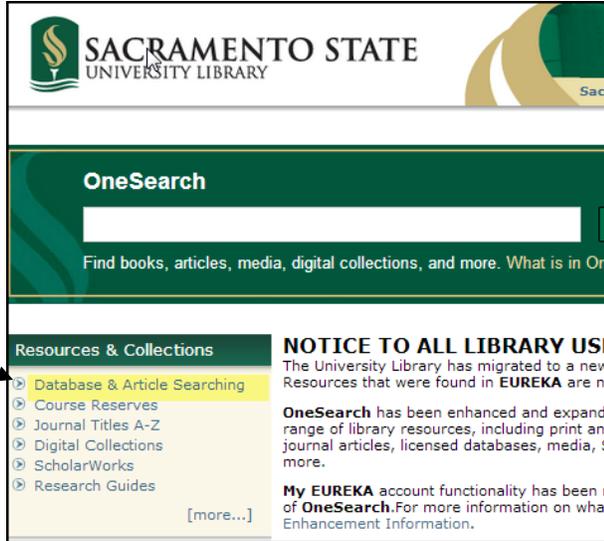


Cheat Sheet: From Database to Article

Step #1

Choose "Database & Article Searching" from the Library Homepage

www.library.csus.edu



The screenshot shows the Sacramento State University Library homepage. At the top is the library logo and name. Below is a search bar with the text "OneSearch" and "Find books, articles, media, digital collections, and more. What is in On". A navigation menu on the left lists "Resources & Collections" with "Database & Article Searching" highlighted. A "NOTICE TO ALL LIBRARY USER" is displayed on the right, mentioning the migration to OneSearch and enhanced resources.

Step #2

Choose a Subject



The screenshot shows the "Database & Article Searching" page. It features a "Databases by Title" section with an alphabetical index [Show All] A B C D E F G H I J K L M N O P Q R S T U V W Y Z. Below is a "Search by Subject" section with a list of subjects. "Biological Sciences" is highlighted in the list.

Step #3

Choose a Database from the list

Hint:

Not sure where to begin? Click on the  to learn what is in the database

Or try searching in *Academic Search Premier* listed under the A-Z Database list or perhaps in the subject list of databases.



The screenshot shows the "Biological Sciences" database list. It includes a "BETA: Biological Sciences Multisearch" section and a "Find Database by Title (A - Z)" section. Under "Most Useful", four databases are listed: "Biological Abstracts (EBSCO)", "Biological & Agricultural Index (EBSCO)", "AGRICOLA Articles (NAL)", and "Wildlife and Ecology Studies Worldwide (EBSCO)". Each entry includes an info icon and a search icon.

Step #4
Enter your terms

Hint:
Use an asterisk * to search for alternative endings, e.g. biomechan* will retrieve biomechanical as well as biomechanics

Step #5
Review the results for titles of interest

Step #6
Click on the article title to view the complete record summary

Hint:
Read the abstract for additional keywords and to determine if the article is what you need

Step #7
Click on the "Find It" to determine if the article is available

Searching: Biological Abstracts 1969 - Present | Choose Databases

biomechan* | Select a Field (optio... | Search | Clear

AND | bicycl* | Select a Field (optio... | + | -

Basic Search | Advanced Search | Search History

Refine Results

Current Search

Boolean/Phrase:
biomechan* AND bicycl*

Limit To

Fossil
 Abstract Available
 Full Text

1979 | Publication Date | 2014

Show More

Source Types

All Results

Search Results: 1 - 30 of 70 | Relevance | Page Options

1. [Bicycle helmets are highly effective at preventing head injury during head impact: Head-form accelerations and injury criteria for helmeted and unhelmeted impacts](#)
By: Crompton, Peter A.; Dressler, Daniel M.; Stuart, Cameron A.; Dennison, Christopher R.; Rich Source: Accident Analysis & Prevention. Vol. 70. SEP 2014. 1-7. Abstract Available. [Article] BACD201400377594
Subjects: Neurology; Human Medicine; bicycle helmet; head impact; bicycle crash
Find It | View It @ Sac State

2. **From bipedalism to bicyclism: Evolution in energetics and biomechanics of historic bicycles**
By: Minetti, Alberto E.; Pinkerton, John; Zamparo, Paola Source: Proceedings of the Royal Society Biological Sciences Series B. Vol. 268 (1474). 7 July, 2001. 1351-1360. Abstract Available. [Article] (A BACD200100262185)
Subjects: Bioenergetics; Metabolism; Biochemistry and Molecular Biophysics; Boneshaker; Hobby Horse; Rover; Safety; bicyclism; biomechanics; bipedalism; body weight relief; en bicycles; metabolic economy; modern bicycle
Find It | View It @ Sac State

Result List | Refine Search | 2 of 70

From bipedalism to bicyclism: Evolution in energetics and biomechanics of historic bicycles

Authors/Editors/Inventors: Minetti, Alberto E. (Reprint author); Pinkerton, John (Author); Zamparo, Paola (Author)

Source: Proceedings of the Royal Society Biological Sciences Series B. Vol. 268 (1474). 7 July, 2001. 1351-1360

Abstract: We measured the metabolic cost (C) and mechanical work of riding historic bicycles at different speeds: these bicycles included the Hobby Horse (1820s), the Boneshaker (1860s), the High Wheeler (1870s), the Rover (1880s), the Safety (1890s) and a modern bicycle (1980s) as a mean of comparison. The rolling resistance and air resistance of each vehicle were assessed. The mechanical internal work (WINT) was measured from three-dimensional motion analysis of the Hobby Horse and modern bicycle moving on a treadmill at different speeds. The equation obtained from the modern bicycle data was applied to the other vehicles. We found the following results. (i) Apart from the Rover, which was introduced for safety reasons, every newly invented bicycle improved metabolic economy. (ii) The rolling resistance decreased with subsequent designs while the frontal area and, hence, aerodynamic drag

Detailed Record | MARC Record

Find It | View It @ Sac State

Step #8

Click on one of the databases to go to the article

Hints:

- Make sure the year you need is part of what is available.
- If the link takes you to another article summary, look for a PDF or HTML link either on the right side of the screen, or near the authors/title of the article

From bipedalism to bicyclism: Evolution in energetics and biomechanics of historic bicycles

Minetti

Proceedings. ,2001,Vol.268(1474),p.1351

● Fulltext available

[View It](#) [Details](#) [Recommendations](#)

[Open source in a new window](#)

Full text available at: [Highwire Press Free](#)

Available from 1905 volume: 76 issue: 507. Most recent 1 year(s) not available.

Full text available at: [JSTOR Life Sciences Collection](#)

[Available from 1990 volume: 241 issue: 1300 until 2010](#) volume: 277 issue: 1701.

Full text available at: [PubMed Central](#)

Available from 1997 volume: 264. Most recent 1 year(s) not available.

Step #9

Don't despair if the only copy available is in print. Current journals are on 3 South, and older journals (before 1980) are on the Lower Level.

Hint:

Journals do not have call numbers. They are in alphabetical order by the title of the journal

Results 1 - 10 of 11 for Local Library Collections

Sorted by: Relevance ▾



Journal

☆ [Ergonomics](#) : the official publication of the [Ergonomics Research Society](#).
Ergonomics Research Society.; Ergonomics Society (Great Britain); Nederlandse Vereniging voor Ergonomie.; International Ergonomics Association. : 1957-
[PAPER: v.1\(1957\)-v.51\(2008\)](#). Library cancelled print subscription. Volumes published prior to 1980 shelved in Lower Level Periodicals. INTERNET: Connect to link for available issues.

● [Check holdings](#)

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If you have any questions here are 4 ways to ask:



In-person



Phone



Email



Online Chat

Just click on the Ask-a-Librarian link from the Library homepage!