BOULDER LABS LIBRARY – SERVING NIST, NOAA, & NTIA

Library Liaison News

Winter 2016 Newsletter

Introducing the Library's New Online Catalog

WorldCat Discovery is a powerful new system, providing access to a worldwide catalog of over 1.8 billion items. Replacing the Library's previous catalog, Discovery allows you to search global holdings in addition to items in the Boulder Labs Library. You can also search full-text journal articles. Use Discovery to:

- Search for print books, ebooks, journals, individual journal articles, audio, and video
- Filter searches by library, format, author, year, language, and topic
- Request an article or other loan item via ILLiad. One click will populate your ILLiad request form
- Place items on hold, and choose the date range in which you will need the item
- Manage your account: renew items, save lists of items, change your password, etc.
- Send citations via email or export to EndNote or RefWorks
- Use Advanced Search, which allows you to search specific indexes and databases, narrow by format, year, and more

Getting started — Keyword Searching

From the Library's Home Page, click "Catalog." Or bookmark this URL: https://boulderlabslibrary.on.worldcat.org/discovery

The default screen provides a single search box, which searches keywords across multiple fields including author, title, date, and subject. Results are ordered by relevancy with those records containing all of your search terms appearing before results containing only some of the keywords entered. The Boolean operators "AND," "OR," or "NOT" can be used to connect terms. Ensure the operators are capitalized, to distinguish them from casual use of these words. Truncation and wildcard symbols are also available, as follows:

- asterisk (*) = 1 to 999 characters. For example, statistic* will return statistics, or statistical
- question mark (?) = 0 - 9 characters. For example, statistic? will return statistic, statistics, or statistical
- pound sign (#) = 1 character. For example fib## optics will return fiber optics or fibre optics
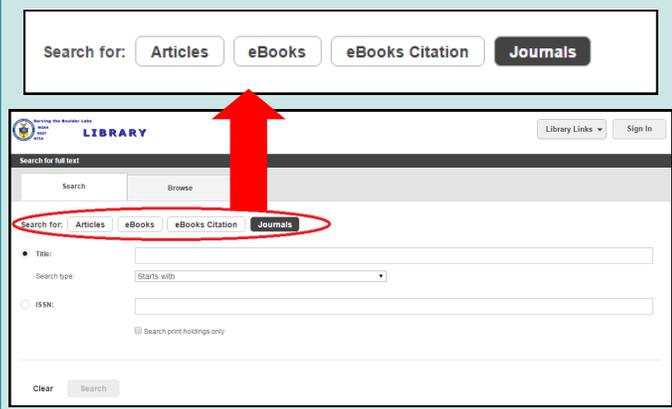
Sign In

Create your account to renew books and request items for hold or recall. Your username is the same as your Boulder Labs email address before the "@" sign, and you create your own password. If you have any problems with registration, contact a library staff member.

Library Links—A to Z Resource List

Clicking the "Library Links" drop-down menu in the upper-right-hand corner of the page brings you the link for the Library's Home Page, and the A to Z Resource List. Search the list for Journals, journal articles, eBooks, and eBook chapters. You may also browse eJournals or eJournal collections. To search:

- For "Journals," enter beginning of title or ISSN
- For "Articles," best results are obtained using **Advanced Search,** not the A to Z list
- For "eBooks," type full title or ISBN
- For "eBooks Citation," enter additional fields such as author, chapter and series titles, date published, and page range
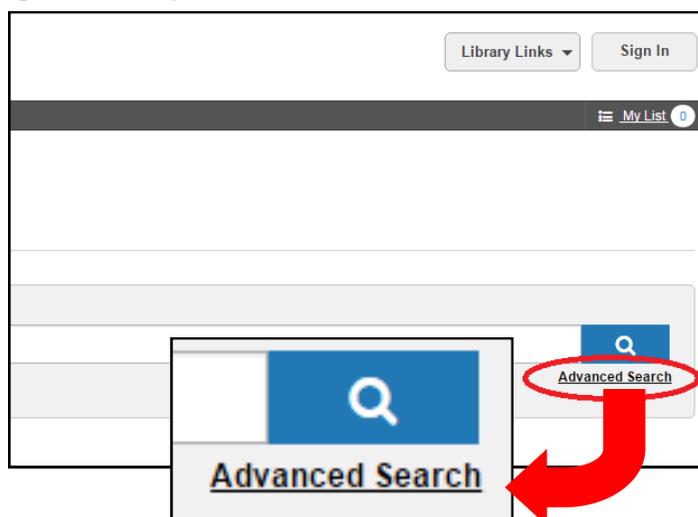

Advanced Search

For a more complex search, click on "Advanced Search" at the bottom right of the Keyword Search box. You can select from a variety of fields, operators and limits to make your search as specific as possible. Drop-down boxes provide access to numerous search fields, including:

- Keyword
- Abstract
- Author or Author Phrase
- Publisher
- Subject or Subject Phrase
- Title or Title Phrase
- ISBN or ISSN

Use caution when searching using the phrase option (i.e. subject phrase, journal source; source phrase, title phrase), as these searches must match the entry exactly.

Additional search boxes can be added to further refine your search by clicking on "+ Add row." Rows are connected by choosing the Boolean Operators AND, OR, NOT from the drop-down menu. Truncation ("*") and Wildcards ("?" or "#") can also be used to retrieve spelling variations. For more information on truncation see **Getting Started—Keyword Searching** on page one.

Further limit your search by using the drop-down boxes for format, location, and/or entering a publication year.
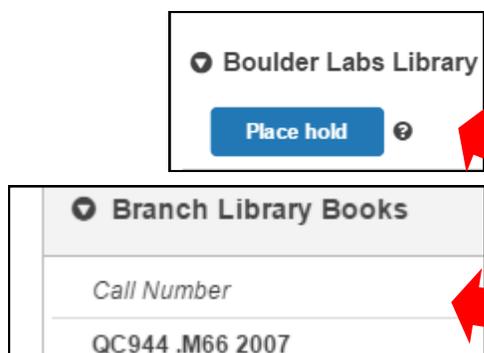
Results List

Once you enter a search, the results list appears on the right side of screen. Items held by Boulder Labs Library appear at the top of the list. Results can be filtered using options in the left column. Each entry includes title, author(s), format, year, a link for other editions & formats, library holdings, and a "View online" icon if the full-text is available electronically. Clicking on the title will bring you to additional information including:
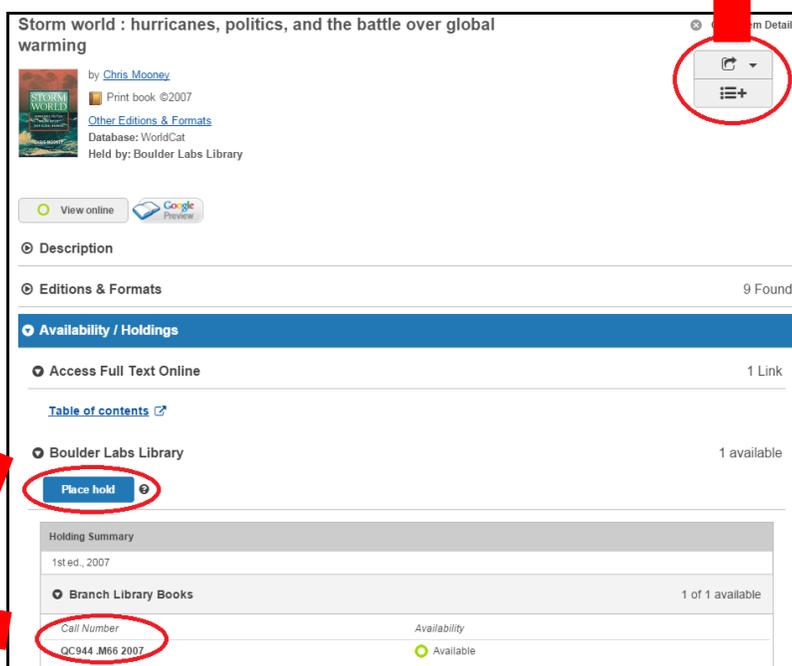
- A description that contains contents/summary, language, ISBN/ISSN, and/or subject headings
- Availability/Holdings, where you will be able to place a hold or recall on items the library owns, or request via ILLiad those items not held by the library. Clicking on "place hold" or "recall" will prompt you to log into your library account. Clicking on "request item" will take you to your ILLiad account
- Clicking on "View Filters" at the upper left-hand corner will bring you back to your results list with search filters on the left-hand side.

Share & My List Icons

The "Share" icon (top - with arrow) gives you the option to email the citation to yourself or another researcher, export to EndNote or Reference Manager, or copy and paste the URL into an email or other document.

The "Add to My List" icon (bottom - with +) allows you to create a temporary list of items that can be emailed or exported as a group. The list is accessible from the "My List" link below the "Sign In" button, and can be saved permanently once you sign into your account.
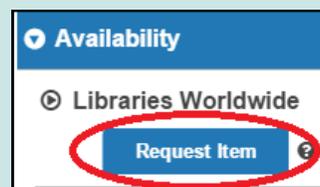

Request item via ILLiad from Discovery

Look at the entry for the item you want. If the statement **Held by: Boulder Labs Library** does not appear, click on the item's title. Under **Availability**, click **Request Item**. The ILLiad logon screen will appear. Log in to ILLiad. The request form will automatically populate with the item's information:
- Author
- Title
- Publisher & Date
- ISBN

In the Notes field, you may enter any additional information. Once you click the **Submit Information** button, your ILLiad request appears under **Requests In Process.** The Library staff will process your request.

New Books for NIST 771 in 2015

Print

QA274 .B65 2014. **Elements of stochastic modelling** / Konstantin Borovkov. 2nd ed. (More Info)

QA274 .T33 2014. **Upper and lower bounds for stochastic processes: modern methods and classical problems** / Michel Talagrand. (More Info)

QA274.25 .H47 2014. **Stochastic resonance: a mathematical approach in the small noise limit** / Samuel Herrmann, et al. (More Info)

QA274.9 .T82 2013. **Analysis of variations for self-similar processes: a stochastic calculus approach** / Ciprian A. Tudor. (More Info)

QA276.45.R3 .P38 2014. **Beginning data science with R** / Manas A. Pathak. (More Info)

QA278 .A66 2014. **Applied regression analysis and other multivariable methods** / David G. Kleinbaum, Lawrence L. Kupper, Azhar Nizam, Eli S. Rosenberg. 5th ed. (More Info)

QA279 .Y36 2015. **Large sample covariance matrices and high-dimensional data analysis** / Jianfeng Yao, et al. (More Info)

QA280 .D47 2014. **Basic data analysis for time series with R** / DeWayne R. Derryberry. (More Info)

QA465 .G78 2014. **Measurement uncertainties in science and technology** / Michael Grabe. 2nd ed. (More Info)

QA614.8 .K83 2015. **Multiple time scale dynamics** / Christian Kuehn. (More Info)

QC20 .H49 2015. **Space-time algebra** / David Hestenes. 2nd ed. (More Info)

QC20.7.S8 .O55 2015. **Stochastic dynamics and irreversibility** / Tania Tome, Mario J. de Oliveira. (More Info)

T385 .T45 2015. **Data visualization: principles and practice** / Alexandru Telea. (More Info)

eBooks

Abstract Volterra Integro-Differential Equations / Marko Kostic. 2015. (Full-text Access)

Advances in Robust Fractional Control / Fabrizio Padula. 2015. (Full-text Access)

Analysis and Design of Singular Markovian Jump Systems / Guoliang Wang. 2015. (Full-text Access)

Handbook of Simulation Optimization / Mickael Fu. 2015. (Full-text Access)

Inverse Problems and Applications / Larisa Beilina. 2015. (Full-text Access)

Stabilization and Control of Fractional Order Systems: A Sliding Mode Approach / Bijnan Bandyopadhyay. 2015. (Full-text Access)

Symmetry Analysis of Differential Equations: An Introduction / Daniel J. Arrigo. 2015. (Full-text Access)

Make a recommendation:
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