



Library Liaison News

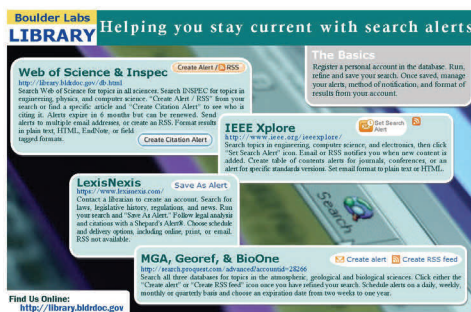
More Impact with Open Access and Altmetrics

Open Access (OA) increases article impact by making research output accessible outside the paywall of subscription-based publications. Because of their broad readership, OA articles complement Altmetrics, also known as Article-Level Metrics or ALMs. ALMs measure non-traditional citation methods such as blog comments, reviews, bookmarks, and tweets. Benefits of ALMs for Open Access content include:

- ◆ Real-time impact indicators
- ◆ Sharing data with potential collaborators
- ◆ Research impact focused on article rather than journal title
- ◆ Social impacts can be included in CVs
- ◆ Creating public forum around research
- ◆ Identifying audience
- ◆ Measuring OA impacts within repositories
- ◆ Providing impact indicators for funding requests
- ◆ Supplying evidence of public impact for research evaluation

For more information see the following articles:

- ◆ [Altmetrics and open access - a measure of public interest](#)
- ◆ [Open Access and Altmetrics: Distinct but Complementary](#)
- ◆ [PLOS Article-Level Metrics](#)
- ◆ [Altmetrics: a manifesto](#)



2014 Library Calendar Now Available

This year's calendar provides information on Search Alerts, an important way to stay current with the literature in your field. Use these tips to streamline your research process.

The calendar was distributed in mid-December. If you did not receive a copy, or if you would like additional copies, please contact the library (x3271) or stop by 1-1200 or DSRC 2C407.

IOP Journals Added to Library Collection

In 2013, the Library purchased the IOP Corporate Package, which expanded site-wide access from 11 titles to over 60. Features of the package include:

- ◆ Backfiles to 1874
- ◆ Access to over a half-million articles in the fields of:
 - ◇ Physics
 - ◇ Chemistry
 - ◇ Optics
 - ◇ Energy
 - ◇ Electronics
 - ◇ Astronomy
- ◆ Enhanced key-word searching
- ◆ Enhanced HTML views of articles

For a [list of all journals](#) available and to learn more about the package, visit the IOP Corporate website at <http://iopscience.iop.org/page/iopcorporate>. IOP Journals are also accessible from the Library's [eJournals page](#) or [online catalog](#)

Winter Workshops '14

The Library's second annual Winter Workshop series began in January with seminars on EndNote X7 and ORCID. It continues with the following webinars:

EndNote Basic

Find out how to store, categorize, and share citations "in the cloud" via EndNote Basic. Compatible with EndNote X7.

- ◇ **Tuesday, February 4**
2:00pm, 1-1107
- ◇ **Thursday, February 6**
10:00am, DSRC GC402,



Web of Science—New Interface

Learn to navigate the new Web of Science interface. Session will include updates as well as information on basic searching and access to metrics like the h-index.

- ◇ **Tuesday, February 18**
10:00am, DSRC 2A305
- ◇ **Thursday, February 20**
10:00am, 1-1107



Books 24x7

Enhance your computer skills with Books24x7, which provides full-text access to over 10,000 eBook titles in areas including: Business & Culture, Databases, Desktop & Office Applications, Graphic Design, Networks & Protocols, Programming, Telecommunications, and Web Development.

- ◇ **Tuesday, March 4**
2:00pm, 1-1107
- ◇ **Thursday, March 6**
2:00pm, DSRC GC402



AGU Digital Library Update

The Boulder Labs Library recently participated in a consortial purchase of the American Geophysical Union (AGU) Digital Library. This one-time purchase provides perpetual access to all AGU journal content published prior to 1997. Below is a list of titles with coverage dates:

Journal	Coverage	Articles
Journal of Geophysical Research (JGR)*	1896–1996	43,428
Reviews of Geophysics	1963–1996	1,451
Water Resources Research	1965–1996	6,989
Eos, Transactions AGU	1969–1996	10,851
Radio Science	1969–1996	3,747
Geophysical Research Letters	1974–1996	8,857
Tectonics	1982–1996	1,028
Paleoceanography	1986–1996	508
Global Biogeochemical Cycles	1987–1996	317

Access to AGU journal articles from 1997 to the present continues to be available via the Library's annual journal subscriptions. You can access the journals with their full dates of coverage from our [eJournals page](#) or the [online catalog](#).

*JGR includes all disciplinary sections plus Terrestrial Magnetism (1896-1898) and Terrestrial Magnetism and Atmospheric Electricity (1899-1948).



New Books Added in 2013

Print Books

QA37.3 .A74 2013. **Mathematical methods for physicists: a comprehensive guide** / George B. Arfken, Hans J. Weber, Frank E. Harris. 7th ed.

QA76.9 .I58 .K84 2012. **Quantifying quality aspects of multimodal interactive systems** / Christine Kuhnel.

QA372 .B31 2012. **Ordinary differential equations: qualitative theory** / Luis Barreira, Claudia Valls; translated by the authors.

QA403.3 .S54 2012. **Shearlets: multiscale analysis for multivariate data** / Gitta Kutynick, Demetrio Labate, editors.

QD95.5 .D37 .C66 2012. **Computational strategies for spectroscopy: from small molecules to nano systems** / edited by Vincenzo Barone.

T50 .M42 2012. **Metrology handbook** / Jay L. Bucher, editor. 2nd ed.

TK5102.5 .M3 2012. **Mathematical foundations for signal processing, communications, and networking** / edited by Erchin Serpedin, Thomas Chen, Dinesh Rajan.

eBooks

[Asymptotic Analysis and Perturbation Theory](#) / William Paulsen. 2013

[Computational Colour Science Using MATLAB \(2nd Edition\)](#) / Stephen Westland, Caterina Ripamonti and Vien Cheung. 2nd ed. 2012.

[Discovering evolution equations with applications. Volume 2, Stochastic equations](#) / Mark A. McKibben. 2011.

[Fractional Calculus : An Introduction for Physicists](#) / Richard Herrmann. 2011.

[Functional Differential Geometry](#) / Gerald Jay Sussman, Jack Wisdom, Will Farr. 2013.

[Introduction to Stochastic Analysis: Integrals and Differential Equations](#) / Vigirdas Mackevicius. 2013.

[Introduction to the Calculus of Variations and Control with Modern Applications](#) / John A. Burns. 2013.

[Integrated Computational Materials Engineering; Using Multiscale Modeling to Invigorate Engineering Design with Science](#) / Mark F. Horstemeyer. 2012.

[Nonlinear dispersive waves: asymptotic analysis and solitons](#) / Mark J. Ablowitz. 2011.

[Numerical electromagnetics: the FDTD method](#) / Umran S. Inan, Robert A. Marshall. 2011.

[Stochastic Simulation Optimization For Discrete Event Systems: Perturbation Analysis, Ordinal Optimization and Beyond](#) / Chen, Chun-Hung. 2013.

[Time Dependent Problems and Difference Methods \(2nd Edition\)](#) / Bertil Gustafsson, Heinz-Otto Kreiss, Joseph Oliger. 2013.

Recommend an Item for the Library

Help the Library make its collection work for you. By recommending print and electronic titles to the Library you ensure that the collection supports your research needs. Make a recommendation today:

- ◆ Visit our Recommendation Page at <http://library.bldrdoc.gov/requests/bookrec.html>
 - ◇ Fill out the form, making sure to indicate format preference (print or electronic)
 - ◇ Once submitted, your recommendation will be evaluated
 - ◇ Most recommended titles are purchased as funds become available

Thank you for contributing to the strength of the Library's collection.