



# 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
<a href="#">Journal of Geophysical Research (JGR)*</a>	1896–1996	43,428
<a href="#">Reviews of Geophysics</a>	1963–1996	1,451
<a href="#">Water Resources Research</a>	1965–1996	6,989
<a href="#">Eos, Transactions AGU</a>	1969–1996	10,851
<a href="#">Radio Science</a>	1969–1996	3,747
<a href="#">Geophysical Research Letters</a>	1974–1996	8,857
<a href="#">Tectonics</a>	1982–1996	1,028
<a href="#">Paleoceanography</a>	1986–1996	508
<a href="#">Global Biogeochemical Cycles</a>	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).



## Selected Titles Added in 2013

### Print Books

QC174.12 .B36 2013. **Quantum mechanics: with applications to nanotechnology and information science** / Y. B. Band, Y. Avishai.

QC595.5 .W36 2012. **Piezotronics and piezo-phototronics** / Z. L. Wang.

T174.7 .N345 2012.

### Nanofabrication:

**techniques and principles** / M. edited by Stepanova, S. Dew.

TA1683 .S68 2012. **Springer handbook of lasers and optics** / edited by F. Trager.

TA418.9 .C57 .A45 2011.

**Nanocoatings: size effect in nanostructured films** / M. Aliofkhazraei.

TA1700 .C66 2012. **Diode lasers and photonic integrated circuits** / L. A. Coldren, et al.

TA1705 .Y36 2012. **Nonlinear optics and solid-state lasers: advanced concepts, tuning-fundamentals and applications** / J. Yao, Y. Wang.

TA1750 .G36 2012. **GaN and**

**ZnO-based materials and devices** / edited by S. Pearton.

TA1750 .N36 2012.

**Nano-optoelectronic sensors and devices: nanophotonics from design to manufacturing** / edited by N. Xi, K. W. C. Lai.

TA1815 .F86 2012. **Fundamentals of optical fiber sensors** / Z. Fang, et al.

TK5103.592 .F73 .A38 2012.

**Advanced optical wireless communication systems** / edited by S. Arnon, et al.

TK7874.55 .S35 2012. **High performance integrated circuit design** / E. Salman, E. G. Friedman.

TK7872 .T55 .H36 2012.

**Handbook of thin film deposition: techniques, processes, and technologies** / edited by K. Seshan.

TK7874.84 .G73 2012. **Graphene nanoelectronics: metrology, synthesis, properties and applications** / edited by H. Raza.

### eBooks

[Advanced quantum mechanics: a practical guide](#) / Y. V. Nazarov and J. Danon, 2013

[Composite materials and processing](#), / Balasubramanian, M. , 2013

[Computational nanophotonics: modeling and applications](#) / edited by S. M. Musa, 2014

[Elastic and plastic deformation of carbon nanotubes](#) / H. Shima, M. Sato, 2013

[Future Trends in Microelectronics: Frontiers and Innovations](#) / Luryi, S.; et al., 2013

[Large Scale Network-Centric Distributed Systems](#) / Sarbazi-Azad, H.; Zomaya, A., 2014

[Optical nano and micro actuator technology](#) / edited by G. K. Knopf, Y. Otani, 2013

[Spintronics in nanoscale devices](#) / edited by E. R. Hedin and Y.S. Joe, 2014

## 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.blrdoc.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.