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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

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

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.

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: 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).

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Select Titles Added in 2013

Print Books

QC320 .R37 2012. **Elements of heat transfer** / Ethirajan Rathakrishnan.

QC320.2 .L37 2012. **Rotating thermal flows in natural and industrial processes** / Marcello Lappa.

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

QD181 .C1 .K29 2012. **Graphene: carbon in two dimensions** / Mikhail I. Katsnelson.

QD382 .B47 .N67 2012. **Biomimetics in materials science: self-healing, self-lubricating, and self-cleaning materials** / Michael Nosonovsky, Pardeep K. Rohatgi.

QH212 .A78 .A88 2012. **Atomic force microscopy in liquid: biological applications** / edited by Arturo M. Baro and Ronald G. Reifenberger.

QH212 .E4 .I49 2012 **In-situ electron microscopy: applications in physics, chemistry and materials science** / edited by Gerhard Dehm, James M. Howe and Josef Zweck.

T174.7 .M64 2012. **Molecular manipulation with atomic force microscopy** / edited by Anne-Sophie Duwez and Nicolas Willet.

TA403 .F79 2012. **Functional materials: preparation, processing and applications** / edited by S. Banerjee, A.K. Tyagi.

TA418.9.N35 .R36 2012. **Raman spectroscopy for nanomaterials characterization** / Challa S. S. R. Kumar, editor.

TA654.8 .B37 2012. **Design for thermal stresses** / Randall F. Barron, Brian R. Barron.

TJ265 .C49 2012. **Chemical thermodynamics: for process simulation** / Jurgen Gmehling, Barbel Kolbe, Michael Kleiber and Jurgen Rarey.

TP245 .H9 .G63 2012. **Hydrogen storage technologies: new materials, transport, and infrastructure** / Agata Godula-Jopek, Walter Jehle, and Jorg Wellnitz.

eBooks

Biodiesel: production and properties / Sarin, Amit 2013

CFD modeling and simulation in materials processing / Nastac, Laurentiu 2012

Hydrophilic interaction chromatography : a guide for practitioners / Olsen, Bernard A. 2013

Chemical process in liquid and solid phase: properties, performance and applications / Jimenez, Alfonso 2014

Designing experiments and analyzing data: a model comparison perspective (2nd Ed) / Maxwell, Scott E. 2013

Dynamic force spectroscopy and biomolecular recognition / edited by Anna Rita Bizzarri, Salvatore Cannistraro. 2012

Introduction to GC-MS coupling / Bouchonnet, Stéphane 2013

Fluid mechanics for chemical engineering / Mory, Mathieu 2011

Materials under extreme loadings: application to penetration and impact / Voyiadjis, Georges 2010

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.