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### Rightsizing Open Access Journals in Academic Libraries: Enhancing the Discovery and Research Experience (Poster Presentation)

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## Academic Library Challenges

- Print Journals Collections Declining
- Journal Price Increases
  - 521% since 1986
- Flat or Cut Budgets
- Space Problems
- Never-ending need for access to timely and relevant peer reviewed journals

## PSU's Challenges & Goals

- Flat budget, journal cost increases, space issues
- Increase availability of relevant online journals to support PSU's curriculum and research
- Remove unnecessary duplication of open access journals among databases
- Dead links of open access journals in ERM
- Irrelevant open access journals in ERM

Goal: Rightsizing PSU journals collection, including open access

## Overlap Between Collections

- Do an overlap analysis to reveal overlap of journals between collections.
- Examine the URLs of different sources of open access journals.
- Delete duplicates.



Archives of metallurgy and materials  
ISSN: 1733-3490  
Look up Article  
Peer Reviewed Open Access  
2010 to Present in Directory of Open Access Journals  
12/01/2010 to Present in ProQuest Polymer Science Collection  
12/21/2010 to Present in De Gruyter Open Access

Search inside this journal Search



## Rightsizing Open Access Journals in Academic Libraries: Enhancing the Discovery and Research Experience

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## Usage Statistics

- Examine usage statistics for usage on journals which are not subscriptions. Are they open access titles? Titles in blue are subscriptions, while those in yellow are open journals.
- Are they relevant to the university curriculum and research research needs? Are they peer reviewed?
- Since they are already being used, that speaks to the need for the content. The usage of all added journals has increased.

ScienceDirect Journal Usage 2016	ISSN	Usage
Results in Physics		66
Journal of Obstetric, Gynecologic & Neonatal Nursing	1552-6909	63
Applied Nursing Research		56
Procedia - Social and Behavioral Sciences		43
Chest	1931-3543	41
Historia Mathematica	1090-249X	32
Procedia Engineering		29
Nursing for Women's Health	1751-486X	27
Journal of the American Society for Mass Spectrometry	1879-1123	25
Current Biology		21
Materials Today	1873-4103	21
Polymer		20
Cell Reports		19
Virology	1096-0341	19
Osteoarthritis and Cartilage	1522-9653	17
American Journal of Obstetrics and Gynecology	1097-6868	11
Applied Mathematical Modelling		11
Biochimica et Biophysica Acta (BBA) - Biomembranes	1879-2642	11
Linear Algebra and its Applications		11
Archives of Clinical Neuropsychology		10
Neuron	1097-4199	10

## Bad URLs

- Examine bad urls reports. Determine if journals are needed. Fix urls or delete titles.

#	Record #	Go URL	Error Go
45	b1964917	http://cml.gre.ac.uk/conferences/iufro/Emis/index.htm -7	
46	b1956945	http://constructi.inccrc2004.ro/en/index.htm 404	
47	b1948206	http://corbu2.caed.kent.edu/architronic/ -7	
48	b1958933	http://cuentoerred.xoc.uam.mx/ -4	
49	b1958938	http://cuisine.mcgill.ca/ -1 503	
52	b1959097	http://currents.cwrl.utexas.edu/ -5	5
54	b1959941	http://dentist.runted.com/pastissues 404	
55	b1993965	http://deposit.d-nb.de/cgi-bin/dokserv?idn=9 404	
		78154223&req=org.acegisecurity.wrapper.SavedRequestAwareWrapper%401a61e4iescurrentView=user=	
57	b1955320	http://digital.library.okstate.edu/Chronicles/bookshelf.html -23	
58	b1988201	http://digital.library.okstate.edu/oas/ -23	
59	b1988787	http://digital.library.okstate.edu/obs/index.html#81 -23	
60	b1952796	http://digital.library.okstate.edu/crnathology/index.html -23	
62	b1965510	http://dlc.lib.utk.edu/web/ojs/index.php/fir 404	
		at/index	
66	b1963039	http://ec.europa.eu/economy_finance/publications/economic_paper/index_en.htm 502	
67	b1963184	http://ec.europa.eu/enterprise/enterprise5F 502	
		policy/competitiveness/index_en.htm	
71	b1964405	http://ec.europa.eu/fisheries/documentation/ 502	
		magazine/	
73	b1961798	http://eceasst.cs.tu-berlin.de/index.php/eceasst -5	
75	b1980275	http://editorial.unab.edu.co/revistas/medunab -5	
78	b1984444	http://emjnet.osu.edu/EMJContentFolders/EMJB 404	
		ackIssues/BackIssuesOn-line.htm	
79	b1960983	http://emjnet.osu.edu/EMJContentFolders/EMJB 404	
		ackIssues/BackIssuesOn-line.htm	
81	b1953543	http://engrwww.usask.ca/oldsite/societies/cs 403	
		ac/previousyear.html	

## Conclusion

- Open access journals are a great way to expand your library's access to peer reviewed journals
- Support university curriculum and research needs
- Save money by not duplicating journals in different databases
- Increase access to journals patrons need and may already be using
- Decrease confusion of patrons who are overwhelmed with links

## Caution

- Open access journals should be subject to collection development analysis
- Beware of predatory open access journals and check peer review status
- Value usage statistics

## References and Tools to Help

### Usage Statistics

Directory of Open Access Journals - peer review status, ratings by Principles of Transparency and Best Practice in Scholarly Publishing, author fees)  
<https://doaj.org/>

Scimago <https://www.scimagojr.com/>

Association for Research Libraries. "Data From: Expenditure Trends in ARL Libraries, 1986-2015." ARL Statistics 2014-15. Graph 4. <http://www.arl.org/storage/documents/expenditure-trends.pdf>

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Schmidt, Krista and Nancy Newsome. "The Changing Landscape of Serials." *Serials Librarian*. 52 (1/2): 2007. 119-133. [https://doi.org/10.1300/J123v52n01\\_11](https://doi.org/10.1300/J123v52n01_11)