The Need for Article-Level Open-Access Metadata in 5 minutes

Todd A. Carpenter, NISO Executive Director
International STM Association Innovations Meeting
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About

- Non-profit industry trade association accredited by ANSI with 150+ members
- Mission of developing and maintaining technical standards related to information, documentation, discovery and distribution of published materials and media
- Volunteer driven organization: 400+ spread out across the world
- Represent US interests to ISO TC 46 & also serve as Secretariat for ISO TC46/SC9 - Identification & Description
- Responsible for standards like ISSN, DOI, Dublin Core metadata, DAISY digital talking books, OpenURL, MARC records, and ISBN (indirectly)
Percentage of articles published as OA

(Graph reprinted from R. Poynder, “Open Access by Numbers,” *Open and Shut*, June 19, 2011.)
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More Mandates

ROARMAP: Registry of Open Access Repositories Mandatory Archiving Policies

Register your Institutional Open Access Mandate HERE

Please also register your Institutional Repository in ROAR if not yet registered

(For Open Educational Resources mandates please see OER Policy Registry.)

Total Mandates to Date (by type)

- Institutional Mandates (164)
- Proposed Institutional Mandates (6)
- Sub-Institutional Mandates (36)
- Proposed Sub-Institutional Mandates (4)
- Multi-Institutional Mandates (4)
- Proposed Multi-Institutional Mandates (6)
- Funder Mandates (80)
- Proposed Funder Mandates (11)
- Thesis Mandates (98)
More Mandates

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<CAVEAT>

I am not (nor is NISO) advocating for Open Access

Not for more, greater, freer, or cheaper Open Access
But if you are going to adopt Open Access

the community needs to be able to machine process that fact
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Date</th>
<th>Journal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rule on BRCA gene patents could have limited impact</td>
<td>P. L. Cohen - Journal of the National Cancer Institute, 2013 - JNCI</td>
<td>2013</td>
<td>JNCI</td>
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<tr>
<td>Disclosure of research results from cancer genomic studies: state of the science</td>
<td>J. M. H. - Clinical cancer research, 2009 - AACR</td>
<td>2009</td>
<td>Clinical cancer research</td>
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<tr>
<td>NIH accused of being overly literal on stem cell approvals</td>
<td>S. D. - Nature medicine, 2012 - nature.com</td>
<td>2012</td>
<td>Nature medicine</td>
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<tr>
<td>Exploratory grant scheme abandoned after failing to meet goals</td>
<td>J. S. - Nature, 2011 - nature.com</td>
<td>2011</td>
<td>Nature</td>
</tr>
<tr>
<td>Accountability in parenting of federally funded research</td>
<td>A. A. - Nature Biotechnology, 2011 - nature.com</td>
<td>2011</td>
<td>Nature Biotechnology</td>
</tr>
</tbody>
</table>

Google Scholar search results for "cancer NIH funded nature".
Note: Logos represent WG members. It does not imply institutional support for the project or its output.
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A Bit More Information

• NISO Workroom: www.niso.org/workrooms/OAmetadata

• Scholarly Kitchen: http://scholarlykitchen.sspnet.org/2012/12/05/as-hybrid-open-access-grows-the-scholarly-community-needs-article-level-oa-metadata/

• Serials Review: http://dx.doi.org/10.1016/j.serrev.2013.02.001 (subs Req’d)
Watch for magic here!
Thank you!

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Time’s Up!

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