### Do Open Access Articles Have An Impact?

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University Libraries, Stony Brook University

#### Top Five Open Access Journals Based On Impact Factor

Rankings based on the Journal Impact Factor (JIF) out of 11,765 ranked journals in Journal Citation Reports (JCR) for the year 2014.

<table>
<thead>
<tr>
<th>Journal</th>
<th>Rank</th>
<th>Rank in Discipline</th>
</tr>
</thead>
<tbody>
<tr>
<td>Living Reviews in Relativity</td>
<td>55</td>
<td>1/27 in Physics, Particles &amp; Fields</td>
</tr>
<tr>
<td>Living Reviews in Solar Physics</td>
<td>63</td>
<td>3/60 in Astronomy &amp; Astrophysics</td>
</tr>
<tr>
<td>Light-Science &amp; Applications</td>
<td>100</td>
<td>2/87 in Optics</td>
</tr>
<tr>
<td>PLoS Medicine</td>
<td>106</td>
<td>7/154 in Medicine, General &amp; Internal</td>
</tr>
<tr>
<td>Materials Today</td>
<td>113</td>
<td>8/260 in Materials Science, Multidisc.</td>
</tr>
</tbody>
</table>

#### Top Five Journals in Two Disciplines

**Biology**
1. Biological Reviews  
2. PLoS Biology  
3. eLife  
4. BMC Biology  
5. Physics of Life Reviews

**Physics, Multidisciplinary**
1. Reviews of Modern Physics  
2. Nature Physics  
3. Physics Reports-Review Section of Physics Letters  
4. Reports on Progress in Physics  
5. Physical review X

#### Top Cited Articles in Five Open Access Journals

Citation data from Web of Science as of October 2014.

<table>
<thead>
<tr>
<th>Journal</th>
<th>Year</th>
<th>Total Cites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nucleic Acids Research (Open Access after 1996.)</td>
<td>1997</td>
<td>40,016</td>
</tr>
<tr>
<td>Molecular Systems Biology</td>
<td>2006</td>
<td>6,088</td>
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<tr>
<td>PLoS One</td>
<td>2013</td>
<td>5,655</td>
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<tr>
<td>Genome Biology</td>
<td>2004</td>
<td>5,099</td>
</tr>
<tr>
<td>PLoS Biology</td>
<td>2009</td>
<td>4,422</td>
</tr>
</tbody>
</table>

#### Most cited open access articles by Stony Brook authors

- Status of global fits to neutrino oscillations  
  NEW JOURNAL OF PHYSICS, 2004  
  702
- Convergent theory for effective interaction in nuclei  
  PROGRESS OF THEORETICAL PHYSICS, 1980  
  319
- Prolonged Grief Disorder: Psychometric Validation of Criteria Proposed for DSM-V and ICD-11  
  PLOS MEDICINE, 2009  
  228
- Cross-national epidemiology of DSM-IV major depressive episode, BMC MEDICINE, 2011  
  219
- Etiology and pathogenesis of uterine leiomyomas: A review  
  ENVIRONMENTAL HEALTH PERSPECTIVES, 2003  
  192