ScienceDirect: Empowering researchers at every step

Presenter:
Lionel New
Account Manager, Elsevier Research Solutions
l.new@elsevier.com
Main Drivers for Research & Education

Source: “E-journals, their use, value and impact”, Phase II 2009 RIN/Ciber
Elsevier is engaging across the research workflow
Globally recognised high impact content

**Disseminate**

Global Elsevier Citations
- Elsevier: 25%
- Publisher A: 12%
- Publisher B: 10%
- Other: 53%

**Certify**

Global Elsevier Publications
- Elsevier: 21%
- Publisher A: 13%
- Publisher B: 8%
- Other: 58%

**Total STM reference, publication & citations share**

**Coverage:** Approximately 5,000 publishers

**Investigate**

Global References to Elsevier
- Elsevier: 27%
- Publisher A: 11%
- Publisher B: 7%
- Other: 55%

**2010-2014**

<table>
<thead>
<tr>
<th>Publisher</th>
<th>References</th>
<th>Publications</th>
<th>Citations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elsevier</td>
<td>56,304,346</td>
<td>1,888,115</td>
<td>45,990,748</td>
</tr>
<tr>
<td>Publisher A</td>
<td>15,738,334</td>
<td>1,221,036</td>
<td>22,374,220</td>
</tr>
<tr>
<td>Publisher B</td>
<td>23,064,330</td>
<td>747,976</td>
<td>18,298,048</td>
</tr>
<tr>
<td>Other</td>
<td>116,371,011</td>
<td>5,261,600</td>
<td>95,192,376</td>
</tr>
<tr>
<td>Totals</td>
<td>211,478,021</td>
<td>9,118,727</td>
<td>181,855,392</td>
</tr>
</tbody>
</table>

24 Citations Per Paper: 27% of all references
ScienceDirect is poised to support researchers at Singapore Institute of Technology, allowing them to achieve more

**Researcher need** | **ScienceDirect benefit to researcher**
--- | ---
I need to be up to date in my field of research | INFORMED RESEARCHERS
I need to better understand what I’m reading and to collaborate with other researchers, both nationally and internationally | EFFECTIVE RESEARCHERS
I need to find relevant research at the right time, in the way that suits me | EFFICIENT RESEARCHERS

**Achieve More**

To improve your research output and make a greater impact in your field, ScienceDirect empowers you to reach your goals by being more informed, more effective and more efficient.
Outline

1. About Elsevier

2. ScienceDirect – Extensive and Unique Full-Text Database

3. Key Features & Highlights

4. Elsevier Library Activities & Supports
Achieve more…

…through more effective research and education

With ScienceDirect, you can quickly assess the relevancy of content, extract key insights, and share, connect and collaborate with your peers so that you can carry out more accurate, impactful research
ScienceDirect is the largest online journal platform in the world with more than 2,500 journals in 23 subject areas owned and published by Elsevier and more than 30,000 eBooks.

- Publishes over 25% of the world’s full-text scientific journals with several high-profile journal titles such as Cell, The Lancet, Tetrahedron and Gray’s Anatomy
- Over 13 million articles are available online
- It is also the most referenced journal platform in the world with an average of 25% citations coming from journals on ScienceDirect
Elsevier is the top scientific content provider of vital interdisciplinary information essential across industries and disciplines.

**Scientific Research Articles Published**

**#1 Global Provider**
- Publish 25% of world’s journal articles
- 2,500 active journals
- 33,000 book titles
- 900 serials
- Over 13 million full-text articles

**Global team**
- 74 offices in 24 countries
- 7,000 Journal Editors
- 70,000 Editorial Board Members
- 600,000 authors

**Multi-disciplinary content**
- Life Sciences*
- Earth Sciences
- Env Sciences
- Math & Comp Sci
- Physics
- Soc Sciences
- Chemistry & Chemical Engineering
- Materials Science & Engineering
- Health Sciences

* Includes biological and biotechnology-related fields, neuroscience, pharmacology, toxicology
Elsevier Journals that have No.1 Impact Factors – Year 2013

<table>
<thead>
<tr>
<th>Publisher</th>
<th>Total journals</th>
<th>All rankings per journal</th>
<th>Best rank per jnl</th>
<th>Relative</th>
<th>IF increase</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELSEVIER</td>
<td>1668</td>
<td>Top 1 59</td>
<td>Top 10 598</td>
<td>Top 10% 17%</td>
<td>Top 25% 44%</td>
</tr>
<tr>
<td>SPRINGER</td>
<td>1531</td>
<td>Top 1 12</td>
<td>Top 10 207</td>
<td>Top 10% 7%</td>
<td>Top 25% 22%</td>
</tr>
<tr>
<td>WILEY-BLACKWELL</td>
<td>1182</td>
<td>Top 1 31</td>
<td>Top 10 338</td>
<td>Top 10% 14%</td>
<td>Top 25% 33%</td>
</tr>
<tr>
<td>TAYLOR &amp; FRANCIS</td>
<td>904</td>
<td>Top 1 10</td>
<td>Top 10 107</td>
<td>Top 10% 4%</td>
<td>Top 25% 12%</td>
</tr>
<tr>
<td>SAGE</td>
<td>421</td>
<td>Top 1 8</td>
<td>Top 10 101</td>
<td>Top 10% 8%</td>
<td>Top 25% 25%</td>
</tr>
<tr>
<td>WOLTERS KLUWER</td>
<td>208</td>
<td>Top 1 9</td>
<td>Top 10 64</td>
<td>Top 10% 16%</td>
<td>Top 25% 35%</td>
</tr>
<tr>
<td>OXFORD UNIVERSITY PRESS</td>
<td>189</td>
<td>Top 1 5</td>
<td>Top 10 85</td>
<td>Top 10% 26%</td>
<td>Top 25% 46%</td>
</tr>
<tr>
<td>CAMBRIDGE UNIVERSITY PRESS</td>
<td>182</td>
<td>Top 1 3</td>
<td>Top 10 28</td>
<td>Top 10% 6%</td>
<td>Top 25% 15%</td>
</tr>
<tr>
<td>IEEE</td>
<td>137</td>
<td>Top 1 10</td>
<td>Top 10 83</td>
<td>Top 10% 34%</td>
<td>Top 25% 64%</td>
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<tr>
<td>MACMILLAN</td>
<td>121</td>
<td>Top 1 22</td>
<td>Top 10 69</td>
<td>Top 10% 50%</td>
<td>Top 25% 64%</td>
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</tbody>
</table>
### ScienceDirect Journal Subject Areas – Breakdown
(Asian Institute of Technology)

<table>
<thead>
<tr>
<th>Subject Collection</th>
<th>Number of Titles**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agricultural and Biological Sciences</td>
<td>202</td>
</tr>
<tr>
<td>Biochemistry, Genetics and Molecular Biology</td>
<td>278</td>
</tr>
<tr>
<td>Business, Management and Accounting</td>
<td>107</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>109</td>
</tr>
<tr>
<td>Chemistry</td>
<td>119</td>
</tr>
<tr>
<td>Computer Science</td>
<td>143</td>
</tr>
<tr>
<td>Decision Sciences</td>
<td>71</td>
</tr>
<tr>
<td>Earth and Planetary Sciences</td>
<td>121</td>
</tr>
<tr>
<td>Economics, Econometrics and Finance</td>
<td>108</td>
</tr>
<tr>
<td>Energy</td>
<td>71</td>
</tr>
<tr>
<td>Engineering</td>
<td>238</td>
</tr>
<tr>
<td>Environmental Science</td>
<td>144</td>
</tr>
<tr>
<td>Health Sciences</td>
<td>772</td>
</tr>
<tr>
<td>Immunology and Microbiology</td>
<td>119</td>
</tr>
<tr>
<td>Materials Science</td>
<td>158</td>
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<tr>
<td>Mathematics</td>
<td>106</td>
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<tr>
<td>Neuroscience</td>
<td>142</td>
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<tr>
<td>Nursing and Health Professions</td>
<td>114</td>
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<tr>
<td>Physics and Astronomy</td>
<td>118</td>
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<tr>
<td>Psychology</td>
<td>139</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>249</td>
</tr>
<tr>
<td>Veterinary Science and Veterinary Medicine</td>
<td>45</td>
</tr>
</tbody>
</table>
Researchers identify a clear difference between the content found in books vs. journal articles

Books and journal articles provide different types of content, but for this reason they are fundamentally interlinked: researchers need both to build their knowledge around a topic.
Books are the knowledge repository from which we learn.
Discover eBooks on ScienceDirect

- **1999**: SD Launch (journals)
- **2000**: First MRW online
- **2001**: First Backfile online
- **2004**: First Book Series online
- **2006**: First Handbooks Series online
- **2007**: eBooks online
- **2013**: Legacy collection online

Book titles, collections and models
# 2013-2014 eBooks Content Additions to the Family

## ScienceDirect

<table>
<thead>
<tr>
<th>Frontlist 2014</th>
<th>Acquired Content</th>
<th>3rd Party Content</th>
<th>Deep backlist content</th>
<th>Reference Modules</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Woodhead Publishing</td>
<td>Hanser Publications</td>
<td>Legacy 2012: 3,086 titles</td>
<td>Chemistry</td>
</tr>
<tr>
<td>• Continuing growth in 22 Cross-Disciplinary Subjects</td>
<td>Gulf Publishing titles</td>
<td>Security Executive Council</td>
<td>Legacy 2013: 6,300 titles</td>
<td>Earth Sciences</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Biomedical Sciences</td>
</tr>
</tbody>
</table>

• Chemistry
• Earth Sciences
• Biomedical Sciences
We consistently hear from researchers the challenge they have with managing information

I need to **keep up to date** with the research in my field and have a hard time feeling confident that I am

There is **just so much information available** nowadays, and I don’t have the time to go through all of it to find what’s relevant

I need to **collaborate** with other researchers

In an already busy work day, I need to **find the relevant research at the right time**

Source: Qualitative survey results “value of ScienceDirect A&G Researchers” June 2014
Features – Key Highlights

Help me to discover the relevant information

Keep me informed of the latest developments and news

Give me access to the detail

Make the process quick and easy
Search effectively supports the four most frequent research tasks and is available on every page:

- A specific title
- A specific article by publication/ vol./ issue page search
- A specific author name
- Related articles by searching specific terms
- Images Search
### Publication by Subject Areas

**ScienceDirect**

<table>
<thead>
<tr>
<th>Filter by subject</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Sciences and Engineering</td>
<td>Life Sciences</td>
<td>Health Sciences</td>
</tr>
<tr>
<td>Social Sciences and Humanities</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Publisher: 3588 titles found**

<table>
<thead>
<tr>
<th></th>
<th>All titles</th>
<th>All journals</th>
<th>All access types</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AASRI Procedia</td>
<td>Journal</td>
<td></td>
<td>Open Access</td>
</tr>
<tr>
<td>Academic Pediatrics</td>
<td>Journal</td>
<td></td>
<td>Contains Open Access</td>
</tr>
<tr>
<td>Academic Radiology</td>
<td>Journal</td>
<td></td>
<td>Contains Open Access</td>
</tr>
<tr>
<td>ACC Current Journal Review</td>
<td>Journal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accident Analysis &amp; Prevention</td>
<td>Journal</td>
<td></td>
<td>Contains Open Access</td>
</tr>
<tr>
<td>Accident and Emergency Nursing</td>
<td>Journal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting Forum</td>
<td>Journal</td>
<td></td>
<td>Contains Open Access</td>
</tr>
<tr>
<td>Accounting, Management and Information Technologies</td>
<td>Journal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounting, Organizations and Society</td>
<td>Journal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Achievements in the Life Sciences</td>
<td>Journal</td>
<td></td>
<td>Open Access</td>
</tr>
</tbody>
</table>
Use the Intuitive Online Article Format

Provides easy navigation

New and valuable types of content
Download Multiple PDFs

**ScienceDirect**

Download multiple PDF files and assign them names based on specified rules (Author, Publication Year, Article Title, journal, etc)

- Maximum number of PDF files – 20 per download
- Java required
Online Submission – Author

- **Elsevier Editorial System (ESS)**
  - Submit articles online using Elsevier Editorial System
  - It lists information about each journal, the submission standards, support information, etc.
  - Email: authorsupport@elsevier.com
Elsevier Journals Finder *New*

Find the perfect journal for your article βETA

Elsevier Journal Finder helps you find journals that could be best suited for publishing your scientific article.

Powered by the Elsevier Fingerprint Engine™, Journal Finder uses smart search technology and field-of-research specific vocabularies to match your article to Elsevier journals.
Top 25 Hottest Articles on ScienceDirect

Top 25 Hottest Articles
ScienceDirect Top 25 Articles across all subject areas
April to June 2013

1. Increased intraepithelial (CD103+) CD8+ T cells in the airways of smokers with and without chronic obstructive pulmonary disease • Article
   *Immunobiology, Volume 218, Issue 2, February 2013, Pages 225-231*
   Mikko, M.; Forslind, H.; Cui, L.; Grunewald, J.; Wheelock, A.M.; Wahlström, J.; Skold, C.M.

2. One-Step Generation of Mice Carrying Mutations in Multiple Genes by CRISPR/Cas-Mediated Genome Engineering • Article
   *Cell, Volume 153, Issue 4, May 2013, Pages 910-918*
   Wang, H.; Yang, H.; Shivilla, Chikdu S.; Dawi, Meelad M.; Cheng, Albert W.; Zhang, F.; Jaenisch, R.
   [Cited by Scopus (12)]

3. Users of the world, unite! The challenges and opportunities of Social Media • Article
   *Business Horizons, Volume 53, Issue 1, January 2010, Pages 59-68*
   Kaplan, Andreas M.; Haenlein, Michael
   [Cited by Scopus (467)]

4. Hallmarks of Cancer: The Next Generation • Review article
   *Cell, Volume 144, Issue 3, March 2011, Pages 646-674*
   Hanahan, D.; Weinberg, Robert A.
   [Cited by Scopus (3305)]

5. Betatrophin: A Hormone that Controls Pancreatic β Cell Proliferation • Article
   *Cell, Volume 153, Issue 4, May 2013, Pages 747-758*
   Yi, P.; Park, J.S.; Melton, Douglas A.
   [Cited by Scopus (6)]

6. Human Embryonic Stem Cells Derived by Somatic Cell Nuclear Transfer • Article
   *Cell, Volume 153, Issue 6, June 2013, Pages 1228-1238*
   [Cited by Scopus (12)]

Direct URL: http://top25.sciencedirect.com/
Mobile enhanced
High level of web accessibility

Detail on accessibility of ScienceDirect
Blog post on web accessibility
## Outline

1. About Elsevier
2. ScienceDirect – Extensive and Unique Full-Text Database
3. Key Features & Highlights
4. Elsevier Library Activities & Supports
**User Tutorial Training:** Enhance human skills and capital to conduct, use, and manage research and information

- Beneficiaries: Researchers, Professors, Scientists & Postgraduate Students

**Library Starter-Kit:** Provide librarians and information professionals with supporting materials to get started

- Welcome Kit: Products User-Guide, Poster, Small Premiums
- Usage Statistics: Elsevier Admin Tool to track usage
- Beneficiaries: Librarians, Knowledge Managers
**Library Connect:** Enable librarians and information professionals to better serve the research communities by staying up-to-date with the latest technologies.

- Frequency: To be held once in every two years
- Supplementary: **LibraryConnect Newsletters** that feature recent news, trends, solutions in 4 issues annually – [http://libraryconnect.elsevier.com](http://libraryconnect.elsevier.com)
- Beneficiaries: Librarians, Knowledge Managers

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**“How-to-Publish” Workshop:** Elsevier will provide training to young researchers to improve research productivity, and increase chances of getting article accepted by an international journal

- Supplementary: **Publishing Connect Online**, provides publishing tips and suggestions in webcast videos - [http://www.elsevier.com/journal-authors/home](http://www.elsevier.com/journal-authors/home)
- Beneficiaries: Researchers, Professors, Scientists & Postgraduate Students
Elsevier Publishing Campus

Elsevier Publishing Campus is an online platform which offers free lectures, interactive training and professional advice to support researchers to publish a world class journal article, book or develop a successful career as a professional researcher.

https://www.publishingcampus.elsevier.com/
Thank You

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