Elsevier Research Intelligence

Getting published in…
workshops for DIT authors & researchers

Dr Matt Walker

28th & 29th March 2017
Objectives

1. Introduce tools and resources that, together with your domain expertise, can help identify appropriate journals to publish in
2. Gain a better understanding of Journal metrics and that they do not predict future citation at an article level
3. Understand problems associated with Predatory journals and Conferences
4. Getting noticed: work with your publisher to raise the profile of your work
5. Build your academic profile
Key resources I’ll be using today

Scopus (registration advised)
www.scopus.com

SciVal (registration required)
www.scival.com

Scopus Journal & Books title list
https://www.elsevier.com/solutions/scopus/content

Journal Metrics
https://journalmetrics.scopus.com/
Scopus

The largest abstract and citation database of research information

>65M records and 21,912 active titles from more than 5k international publishers. More than 3,780 Gold Open Access journals indexed, 120k books and 7.3M conference proceedings

Used for THE World University Rankings (from ‘15) and data partner for QS
What is SciVal?

Using advanced data analytics super-computer technology, SciVal allows you to instantly process an enormous amount of data to generate powerful data visualizations on-demand, in seconds.

- Overview
- Benchmarking
- Collaboration
- Trends

Create and select research entities

Select metrics

High Performance Computing Cluster (HPCC) Systems

Publication, citation and usage data (Scopus & ScienceDirect) awarded grants*, mass media mentions*, patent-article citations

*Available in 2016
Getting published: very high attrition at the first hurdle!

- Elsevier receives c.1.5M submissions p.a.. Roughly 35% of all submitted manuscripts are rejected before peer review!
- Suggested checklist for authors prior to submission:
  1. Do your findings advance understanding in a specific research field?
  2. Is your work of interest to the journal’s audience?
  3. Is your manuscript structured properly?
  4. Are your conclusions justified by your results?
  5. Are your references international/accessible enough?
  6. Did you format your figures and tables properly?
  7. Did you correct all grammatical and spelling mistakes?

See https://www.elsevier.com/__data/assets/pdf_file/0003/91038/Get-Published-Quick-Guide.pdf for more tips
Bert Blocken’s 10 tips for writing a truly terrible journal article: an alternative checklist

1. Refuse to read the previous literature published in your field
2. Take the lazy route and plagiarize
3. Omit key article components
4. Disrespect previous publications
5. Overestimate your contribution
6. Excel in ambiguity and inconsistency
7. Apply incorrect referencing of statements
8. Prefer subjective over objective statements
9. Give little care to grammar, spelling, figures and tables
10. Ignore editor and reviewer comments

See https://www.elsevier.com/authors-update/story/publishing-tips/10-tips-for-writing-a-truly-terrible-journal-article
Where is research in my area being published? Is my research a novel contribution to the field?

Search Scopus.com using keyword(s) that capture your field of research.
How many outputs are there in my area each year?

Documents per year by source

<table>
<thead>
<tr>
<th>Source</th>
<th>Documents</th>
</tr>
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<tbody>
<tr>
<td>Journal Of Chemical Ecology</td>
<td>120</td>
</tr>
<tr>
<td>Entomologia Experimentalis Et Applicata</td>
<td>103</td>
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<td>Oecologia</td>
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<td>Biological Control</td>
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<td>Plos One</td>
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<td>Journal Of Applied Entomology</td>
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<td>Arthropod Plant Interactions</td>
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<td>Becontrol</td>
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<tr>
<td>Experimental And Applied Acarology</td>
<td>24</td>
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<tr>
<td>Chemoecology</td>
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<tr>
<td>Basic And Applied Ecology</td>
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</tbody>
</table>
What are the journal metrics for key sources? A proxy for prestige
What proportion of outputs are not cited?

Percent of published documents not cited by year

- Journal of Chemical Ecology
- Entomologia Experimentalis et Applicata
- Oecologia
- Biological Control
- Ecological Entomology
Sample page on https://journalmetrics.scopus.com/
Consider using a journal finder if you’re stuck!

Find the perfect journal for your article

Elsevier® Journal Finder helps you find journals that could be best suited for publishing your scientific article. Please also consult the journal’s Aims and Scope for further guidance. Ultimately, the Editor will decide on how well your article matches the journal.

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

Simply insert your title and abstract and select the appropriate field-of-research for the best results.

Paper title
Enter your paper title here

Paper abstract
Copy and paste your paper abstract here.

Fields of research
Optional: refine your search by selecting up to three research fields

☐ Agriculture ☐ Economics ☐ Materials Science and Engineering
☐ GeoSciences ☐ Humanities and Arts ☐ Life and Health Sciences

See http://journalfinder.elsevier.com/
San Francisco Declaration on Research Assessment

Group of editors and publishers of scholarly journals met during the Annual Meeting of The American Society for Cell Biology in San Francisco in December ’12

General recommendation

• “Do not use journal based metrics, such as Journal Impact Factors, as a surrogate measure of the quality of individual research articles, to assess an individual scientist’s contributions, or in hiring, promotion or funding decisions”.

Recommendations for i) Funding Agencies; ii) Institutions; iii) Publishers, iv) Organizations that supply metrics; and v) Researchers

San Francisco Declaration on Research Assessment (2012) http://am.ascb.org/dora/
JIF does NOT predict citededness at an article level

http://www.journals.elsevier.com/the-lancet
http://www.journals.elsevier.com/small-ruminant-research
Check out CiteScore, SNIP and SJRJournal metrics at https://journalmetrics.scopus.com/
DORA recommendations for researchers

15. When involved in committees making decisions about funding, hiring, tenure, or promotion, make assessments based on scientific content rather than publication metrics.

16. Wherever appropriate, cite primary literature in which observations are first reported rather than reviews in order to give credit where credit is due.

17. Use a range of article metrics and indicators on personal/supporting statements, as evidence of the impact of individual published articles and other research outputs.

18. Challenge research assessment practices that rely inappropriately on Journal Impact Factors and promote and teach best practice that focuses on the value and influence of specific research outputs.

Taken from http://www.ascb.org/dora/
Who are the main opinion leaders & institutions?
Using SciVal to identify ‘top’ authors and opinion leaders

**tritrophic OR tri-trophic [publication set]**

**Authors**
Top 500 authors, by number of publications in tritrophic OR tri-trophic [publication set] over the period 2011 to 2015. Note that some authors may no longer be affiliated with an Institution in tritrophic OR tri-trophic [publication set].

<table>
<thead>
<tr>
<th>Name</th>
<th>Publications</th>
<th>Most recent publication</th>
<th>Citations per Publication</th>
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<tr>
<td>1. Starý, Petr</td>
<td>12</td>
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<td>2. Tomanović, Zeljko</td>
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<td>4. Shelton, Anthony M.</td>
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<td>2015</td>
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<tr>
<td>5. Erb, Matthias</td>
<td>8</td>
<td>2015</td>
<td>24.8</td>
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<tr>
<td>6. Harvey, Jeffrey A.</td>
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<tr>
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<td>8</td>
<td>2014</td>
<td>4.1</td>
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</table>
Predatory journals: the curious case of Anna Olga Szust

Fictitious scientist created by Katarzyna Pisanski et al. They applied to editorial boards of 360 journals (120 from three directories):

- the JCR (journals with an official impact factor as indexed on Journal Citation Reports)
- the DOAJ (journals included on the Directory of Open Access Journals)
- 'Beall's list' of predatory journals (now defunct)

55-60% of journals in each category did not respond. But success rate was

- 0 JCR
- 8 DOAJ
- 40 ‘Beall’s list’

Read more at http://www.nature.com/news/predatory-journals-recruit-fake-editor-1.21662
Get noticed & increase your impact!

“More than one million scientific articles are published each year, and that number is rising. So it’s increasingly important for you to find ways to make your article stand out.”

Provides tips on:
1. Preparing your article
2. Publishing your article
3. Promoting your article
4. Monitoring your article

Consider getting an ORCID and link this to Scopus
Elsevier Research Intelligence

Find out more

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ORCID https://orcid.org/
Elsevier journal finder http://journalfinder.elsevier.com/

Contact:

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