WEB OF SCIENCE
JOURNAL SELECTION PROCESS

THE PATHWAY TO EXCELLENCE IN SCHOLARLY COMMUNICATION

JAMES TESTA
VICE PRESIDENT EMERITUS
EDITORIAL DEVELOPMENT & PUBLISHER RELATIONS
Main objectives of Web of Science Journal Selection Process

Overview of Web of Science Journal Indexes

The Journal Selection Process in Asia: China from 1997 to 2017
  - Overview of progress in scholarly journal publication through application of Web of Science Journal Selection Process – 25 Biomedical Journals

Overview of the Journal Selection Process
  - SCIE, SSCI, AHCI and now ESCI
  - The role of Emerging Sources Citation Index in the Journal Selection Process
  - How to submit your journal for evaluation

How to Improve your journal and increase impact.

Please interrupt with questions!

Don’t wait till the end!
1. To evaluate and select the best scholarly journal content available today for coverage in Web of Science Core Collection.

   As a result, the Web of Science Core Collection is known as the worldwide source for top tier scholarly research published in the best international and regional journals.

2. Provide the worldwide publishing community with objective standards useful in building world-class publications.

   Through Web of Science we have built lasting partnerships with the global scholarly publishing community. We work together to improve the quality of scholarly communication everywhere in the world.
CLARIVATE ANALYTICS INSISTS UPON ETHICAL PUBLISHING PRACTICES

— Self-Citation and Citation Stacking
  • Excessive Self-citation and Citation Stacking result in meaningless citation metrics.
  • These practices are easily detected using JCR data and Web of Science.

— Predatory Publishing Practices
  • Inflating content of OA journal for financial gain with inferior content devalues Web of Science.

Clarivate Analytics seeks to preserve the value of its metrics and content, and to support reputable publishers in the advancement of science and scholarly inquiry.
WEB OF SCIENCE CORE COLLECTION (JOURNALS)

Flagship Citation Indexes:

- Science Citation Index Expanded
- Social Science Citation Index
- Arts & Humanities Citation Index

New Edition in Web of Science Core Collection:

- Emerging Sources Citation Index

...a broader view of the scholarly literature.
...considering Impact **and** output
Web of Science is at the Center of Science
• Search
• Discover
• Measure

• **Selectivity** = **Authority**
  – Known, trusted source of cited references
  – Known, trusted source of author and institutional affiliations

• **Bibliographic control** = **Consistency**
  – Title relationships known, coverage defined
  – 117 years of source and citation data unified under established bibliographic policy

• **Indexing (not capture)** = **Accuracy**
  – Technology and curation to overcome variations in original full text

*Authoritative sources = Authoritative data*
Web of Science Journal Selection Process in China

1997 - 2017

From Theory to Practice
Partnering to Improve the Efficiency and Effectiveness
Of
Scholarly Communication in Journals

QUALITY

IMPACT
GROWTH OF CHINESE JOURNAL COVERAGE IN WEB OF SCIENCE

1997-2016

Chinese Journals in Web of Science
1997-2016

20 Years of Collaboration and Progress
Web of Science + Editorial Development = Growth in Quality and not merely quantity
Chinese Scholarly Publishing

Web of Science Journal Selection Process and the Development of Impact in 25 Chinese Biomedical Journals

1997 to 2015
A regional journal maintaining quality over time...
...a high impact biomedical journal with strong international collaboration
Journal of Integrative Plant Biology
2006-2015

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Neural Regeneration Research
2010 to 2015

Integrative Zoology
2010 to 2015

Chinese Journal of Oceanology and Limnology
2010 to 2015

Asian Pacific Journal of Tropical Medicine
2010 to 2015

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## Summary

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<td>Biomedical and Environmental Science</td>
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<td>Acta Biochimica et Biophysica Sinica</td>
<td>0.042</td>
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<td>Progress in Biochemistry and Biophysics</td>
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<td>Cell Research</td>
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<td>Asian Journal of Andrology</td>
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<td>Hepatobiliary &amp; Pancreatic Diseases International</td>
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<td>Chinese Journal of Cancer Research</td>
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<td>Cellular &amp; Molecular Immunology</td>
<td>2.672</td>
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## Development of Impact in Chinese Biomedical Journals - SUMMARY

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<thead>
<tr>
<th>Journal</th>
<th>2010</th>
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<th>Variance</th>
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<td>Neural Regeneration Research</td>
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<td>Chinese Journal of Oceanology &amp; Limnology</td>
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<table>
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<th>2011</th>
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<td>Neuroscience Bulletin</td>
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<td>Journal of Traditional Chinese Medicine</td>
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<td>Thoracic Cancer</td>
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<td>International Journal of Ophthalmology</td>
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JOURNAL SELECTION PROCESS
FOR WEB OF SCIENCE: SCIE, SSCI, AHCI

Journal Publishing Standards

• Peer review
• Ethical publishing practices
• Meets technical requirements (XML / PDF)
• Timeliness of publication
• International editorial conventions
• English-language bibliographic information

Editorial Content

• How does this journal compare with covered journals of similar scope?
• Is this subject already well covered?
• Will this journal enrich WoS with novel content?

International Focus: Authors, EAB

• Does this journal target an International or Regional audience?
• Is international representation among Authors and EAB members at an appropriate level for this journal?

Citation Analysis

Total Citations:
• Integration of the journal into the literature over time

Impact Factor:
• Recent citation activity

Author, EAB citations in the literature.
• Citation metrics have meaning only in the editorial context appropriate for the journal.

Arts & Humanities journals are exceptional
• English full text may not be required
• Novel, well focused content (often regional) is essential
• Citation analysis plays a much smaller role.
Journal Publishing Standards

- Peer review
- Ethical publishing practices
- Meets technical requirements (XML / PDF)
- International editorial conventions.
- English language bibliographic information.

Editorial Content

- Importance to the scholarly community of WoS users?

**JOURNAL SELECTION PROCESS FOR WEB OF SCIENCE: ESCI**

- Some journals evaluated for SCIE, SSCI, AHCI may be accepted first for ESCI.
- Some journals deselected from SCIE, SSCI, AHCI may continue coverage in ESCI.
- All cited references and citations received are indexed: citation analysis is transparent.
- No Journal Impact Factor for ESCI journals.
All journals seeking coverage in Web of Science Core Collection (including ESCI) must submit recently published content to Publisher Relations.

- Consult the Journal Selection Process essay at:
    - ...and go to the section at the end
- HOW TO SUBMIT A JOURNAL FOR EVALUATION.
  - ESCI coverage now: ~5,000 journals
HOW CAN I IMPROVE MY JOURNAL?

1. Active recruitment of high-impact authors and articles
2. Offering better service to authors
3. Boosting the journal’s media profile
4. More careful article selection


- New England J Med
- Ann Intern Med
- BMJ
- JAMA
- Lancet
- Med J Australia
- Can Med Assn J
THANK YOU!

- Work to increase the effectiveness and efficiency of your scholarly communication in journals.
- Web of Science Core Collection contains the greatest journals of our time. Let them guide you in building your journal.
- Find your way into Web of Science through use and the study of journals covered in it.
- Editorial Development and Publisher Relations can help at every step.
JOURNAL SELECTION PROCESS ESSAY

Consult the Journal Selection Process Essay for:

- SCIE
- SSCI
- AHCI
- ESCI

at


Thank you!

James.testa@thomsonreuters.com