Emerging Sources Citation Index

Reference guide

September 2022
ESCI journals in Web of Science Core Collection & Journal Citation Reports
Web of Science platform
Streamline your research to accelerate breakthroughs

• Identify new opportunities to advance your research
• Monitor diverse outputs for new discoveries, potential partners, trending topics, and commercial opportunities

Content and data

• 187.8 million total records
• 2.1 billion cited references
• 18.5 million open access records
• 103 million patents for 51 million inventions
• 13.3 million datasets
• 34,800+ journals
• 254 subject categories
Expand your view of the global research landscape
Emerging Sources Citation Index

Quality
Locate more trusted content from high-quality publications, especially those with open access publishing models.

Global view
Support increasing international collaboration with a discovery tool that ensures you see emerging global trends as they develop.

Inclusivity
Gain a more complete picture of institutional and researcher output, particularly early career researchers and those publishing in the social sciences and humanities.

Assessment
Provide researchers with an expanded view of their research impact and personal metrics.
ESCI content today – Web of Science to the Core!
Adding to our comprehensive view of worldwide research:
across sciences, social sciences, and arts & humanities

- 7,998 Journal titles (active)
- 3,100+ Open Access (DOAJ) titles
- 254 Web of Science subject categories
- 2005-2022 Coverage years
- 4.2 million+ Records
- Backfiles to 2005 With cover-to-cover indexing
- 1.5 million Open Access Records
- 976 Journals added to the 3 WoS Flagship indexes

Statistics as of April 2022

[Diagram showing Core Collection and other indexes]
Support interdisciplinary research programs
Emerging Sources Citation Index

- Connect more social sciences and arts & humanities research to your discovery network.
- Coverage of over 8,000 journals
- Multidisciplinary
- Backfiles to 2005

ESCI content addition by discipline

- Arts & Humanities: 23%
- Social Sciences: 28%
- Engineering & Technology: 7%
- Clinical, Pre-Clinical & Health: 8%
- Physical Sciences: 4%
- Life Sciences: 4%

Statistics as of October 2021
Expand your view of the global landscape

Emerging Sources Citation Index

- Find the novel discoveries from researchers working in the "Global South" and developing countries.
- Coverage of over 8,000 journals
- Multidisciplinary
- Backfiles to 2005

![Pie charts showing the percentage of SCIE, SSCI, AHCI journal output of affiliated authors and ESCI journal output of affiliated authors for various countries.]

Analysis was conducted using InCites Benchmarking & Analytics and includes countries/regions with at least 1,000 total papers published in indexed journals between 2005-2021.
ESCI journals are now in Journal Citation Reports

JCR 2022 in numbers

<table>
<thead>
<tr>
<th>Citation Index</th>
<th>Number of journals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Citation Index Expanded</td>
<td>9,626</td>
</tr>
<tr>
<td>Social Science Citation Index</td>
<td>3,550</td>
</tr>
<tr>
<td>Arts &amp; Humanities Citation Index</td>
<td>1,761</td>
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<tr>
<td>Emerging Sources Citation Index</td>
<td>7,643</td>
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</tbody>
</table>

Assess journals in over 250 categories – including the arts and humanities

Journals from AHCI & ESCI don’t have a Journal Impact Factor (JIF)
Use a whole range of metrics available in JCR for Emerging Sources Citation Index journals:

- **Journal Citation Indicator**
- % of OA Gold
- Immediacy Index
- **Eigenfactor Score**
- Normalized Eigenfactor Score
- Citing Half-Life
- Cited Half-Life

<table>
<thead>
<tr>
<th>Journal Name</th>
<th>ISSN</th>
<th>eISSN</th>
<th>Category</th>
<th>Total Citations</th>
<th>2020 JCI</th>
<th>% of OA Gold</th>
<th>Eigenfactor</th>
<th>Cited Half-Life</th>
<th>Citing Half-Life</th>
<th>Citable Impact</th>
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</thead>
<tbody>
<tr>
<td>Acta Polytechnica</td>
<td>1210-2709</td>
<td>1805-2363</td>
<td>Engineering, Multidisciplinary - ESCI</td>
<td>396</td>
<td>0.32</td>
<td>100.00%</td>
<td>0.00031</td>
<td>6.5</td>
<td>7.8</td>
<td>58</td>
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<tr>
<td>Mathematica Bohemica</td>
<td>0862-7959</td>
<td>2464-7136</td>
<td>Mathematics - ESCI</td>
<td>318</td>
<td>0.33</td>
<td>67.82%</td>
<td>0.00031</td>
<td>11.6</td>
<td>17.9</td>
<td>30</td>
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<tr>
<td>Advances in Electrical and Electronic Engineering</td>
<td>1336-1376</td>
<td>1804-3119</td>
<td>Engineering, Electrical &amp; Electronic - ESCI</td>
<td>296</td>
<td>0.24</td>
<td>100.00%</td>
<td>0.00029</td>
<td>3.8</td>
<td>7.2</td>
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<tr>
<td>Archivum Mathematicum</td>
<td>1212-5659</td>
<td>1212-5659</td>
<td>Mathematics - ESCI</td>
<td>266</td>
<td>0.39</td>
<td>100.00%</td>
<td>0.00035</td>
<td>13.4</td>
<td>15.2</td>
<td>23</td>
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<tr>
<td>AD ALTA-Journal of Interdisciplinary Research</td>
<td>1804-7890</td>
<td>1804-7890</td>
<td>Multidisciplinary Sciences - ESCI</td>
<td>238</td>
<td>0.07</td>
<td>0.00%</td>
<td>0.00017</td>
<td>1.7</td>
<td>8.0</td>
<td>321</td>
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Editorial Selection Process
Web of Science Core Collection

Science Citation Index Expanded
Social Sciences Citation Index
Arts & Humanities Citation Index
Emerging Sources Citation Index
Conference Proceedings Citation Index
Book Citation Index

Research with confidence using a publisher-neutral citation index

21,000+ journals indexed cover-to-cover
- Multidisciplinary
- International
- Influential

Powerful citation network with complete cited reference search, cited reference linking and navigation

Unbiased journal selection and curation

Source data for Journal Impact Factor

More information about Core Collection citation indexes

Master Journal List
The Web of Science™ Journal Evaluation Process and Selection Criteria

28 selection criteria in total

24 quality criteria to select for editorial rigor and publishing best practice

4 impact criteria to select for the most impactful journals

SCIE: Science Citation Index Expanded
SSCI: Social Sciences Citation Index
AHCI: Arts & Humanities Citation Index
ESCI: Emerging Sources Citation Index
BKCI: Book Citation Index
CPCI: Conference Proceedings Citation Index
The Web of Science™ Journal Evaluation Process and Selection Criteria

Journals that meet the quality criteria enter ESCI

Journals that meet quality and impact criteria enter SCIE, SSCI or AHCI

ESCI journals that gain impact move to SCIE, SSCI or AHCI

SCIE, SSCI and AHCI journals that decrease in impact move to ESCI

Any journal that fails to meet all the quality criteria will be removed from the **Web of Science Core Collection**

**Web of Science Core Collection**

- SCIE
- SSCI
- AHCI

**New evaluations**

**Re-evaluations**

**Quality criteria**

**Gain impact**

**Lose impact**

**Only journals in the Science and Social Sciences indexes have an impact factor**

Only journals in the Science and Social Sciences indexes have an impact factor.
The Emerging Sources Citation Index

A multidisciplinary index with global representation

Journals need to meet the 24 quality criteria to be indexed in ESCI

The Web of Science Journal Evaluation Process and Selection Criteria
Content curation: Re-evaluation of high-performing ESCI journals

- Journals in ESCI are re-evaluated for possible inclusion in SCIE, SSCI or AHCI when their citation activity indicates that the impact criteria may be met, regardless of the time since their last evaluation.

- In this process, journals are re-evaluated for quality first and impact evaluation is subject to quality being met. If both quality and impact criteria are met, the journal moves to a flagship collection.

- Our current strategy is to re-evaluate ESCI journals that have an estimated Journal Impact Factor™ (JIF) that places them in Q1 or Q2 in the JIF ranking of their relevant flagship category.

- This is to help preserve the stability of the flagship collections – we want to avoid adding journals that we may have to drop soon after addition.

- We use a journal’s estimated JIF – not its Journal Citation Indicator (JCI) – as the metric to assess journal-level citation activity when applying our impact criteria.

- Journals that no longer meet the quality criteria are de-selected for coverage in the Web of Science Core Collection
Protect your research reputation
Editorial integrity and publisher neutrality

Publisher neutral

Our in-house experts, who have no affiliations to publishers or research institutes, select the journals in the Core Collection to provide you with a data set of the world’s leading research publications that is free of potential industry bias or conflict of interest.

In-house curation

Rigorous curation processes guard against inclusion of hijacked journals, and expert review ensures that journals are correctly classified into the appropriate subject categories so that your statistical reporting and analyses are accurate. Databases that rely on algorithmic approaches* or occasional outside review lack consistency and oversight.

Vetted OA content

Access over 16 million open access papers—including green OA—from reputable journals that have been vetted against our 28 evaluation criteria for quality and impact. Easily determine which fields are well covered by this material so that you can reserve your budget for only the most critical gaps.

• Confidently navigate the growing complexities of journal publishing.
• Make high stakes decisions about resource allocation and people with data that is independent of bias.
The importance of ESCI backfile (2005-2016)
Emerging Sources Citation Index

There is an archive file

2005 - 2016

The archive purchase is optional

2017 - 2022

Free access from 2017 for all subscribers (five-year rolling file)

Depending on your institution, you may have access to ESCI records from 2005 or 2017 – You can check as follows
Emerging Sources Citation Index
Publications by Global authors

Number of papers in ESCI - Global

Backfile: 55% of the content ESCI content

Frontfile: 45% of the ESCI content

As of May 2022
Emerging Sources Citation Index (ESCI) Backfile 2005-2016

- 7,900+ journals indexed
- 3,200+ publishers
- 40% not indexed by competitor
- 75% journals with 5 years or more in the backfile
- 3,132 open access journals
- 75% papers published in English

- Enables expanded research assessment & benchmarking
- Comprehensive search and discovery of new areas of research
- Better understanding of the evolution of emerging fields & global trends
- Identify new collaboration opportunities in emerging research areas

Statistics from April 2022
Analyze your research published in ESCI journals
Analyzing the ESCI output of your institution or country

- Which ESCI journals are your authors publishing in?
- Web of Science categories? Publishers?
- What is the proportion of OA journals?
- Which languages?
For questions, contact:
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