Incites Benchmarking & Analytics
Define your research strategy

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Managing the research workflow
How is your university achieving its goals?

- How do you know if faculty are pursuing novel topics?
- Is your institution missing opportunities?
- Are students and faculty using the best available research?
- Are your collaborating effectively?
- Are your funding applications as competitive as they could be?
- Is your institution’s Open Access policy working?
- Are you well positioned to negotiate transformative agreements with publishers?
- How do you demonstrate your institution’s value to stakeholders?
- How well does your institution capitalize on research that has commercial potential?
Few solutions

Web of Science
Discover the latest research and how it fits into the world’s network of ideas, people, funders and institutions with a publisher-neutral citation index trusted by leading research institutions around the world for decades.

Publons
Get your research and scholarly contributions noticed by publishers, peers, and the world at large, or learn to peer review.

Journal Citation Reports
Make confident decisions about where to submit your manuscript with the world’s most influential and trusted resource for evaluating peer-reviewed journals.

EndNote
Save time authoring papers, even when you’re collaborating with a large team.

ESI Research Fronts
Identify the emerging research areas where your institution is well positioned to make the next breakthrough.

InCites Benchmarking & Analytics
Benchmark your institution’s research output against peers worldwide, identify collaborators and assess your departments and faculty with field weighted citation metrics.

Essential Science Indicators
Identify emerging science trends as well as influential individuals, institutions, papers, journals, and countries across 22 categories of research.

Kopernio
Quickly access millions of high-quality research papers with a single mouse click.
Using Metrics Wisely

Research evaluation is increasingly being conducted using bibliometric methodology and citation analysis. Because no individual bibliometric indicator can account for all aspects of research performance, it is recommended that selections of bibliometrics indicators are utilized to provide a broader view and to discover any data artifacts.

Clarivate Analytics InCites supports a comprehensive class of advanced bibliometric indicators assessing various aspects of research performance.

See our Alphabetical List of Indicators for specifics about each InCites metric, including:

- What the indicator measures
- How it is calculated
- What is its value and role in the process of research performance evaluation?
- Guidance for appropriate usage
Institutional Analysis in InCites

• What are our research **strengths and weaknesses**?

• How do we **compare** to other organizations in terms of research output and impact?

• What **measures** can we use to report our research impact to our funders or managers?

• And more!
InCites: Benchmarking & Analytics

- InCites Benchmarking & Analytics allows you access to article level performance metrics from Web of Science Core Collection data 1980-present.
  - Benchmark institutions and researchers to peers using a wide range of **Absolute and Normalized** metrics
  - Identify top performing researchers from *any institution*
  - Easily **visualize** the data within the application
  - Organize information into relevant **dashboards and reports**
  - Leverage **curated reports** for easy start-up
InCites & Web of Science Core Collection

WEB OF SCIENCE PLATFORM

Web of Science Core Collection
- Science Citation Index Expanded
- Social Sciences Citation Index
- Arts & Humanities Citation Index
- Conference Proceedings Citation Index
- Book Citation Index
- Science
- Social Science & Humanities

Emerging Sources Citation Index

INCITES PLATFORM

Journal Citation Reports
- Impact Factor uses data from most recent JCR data year + prior 2 years

Essential Science Indicators
- Data from most recent 10 year period
- Limited document types
- Top performing authors, institutions, broad categories countries, journals, and papers in 22 broad categories

Benchmarking & Analytics
- Data from all source editions from 1980-Present

Data is updated every month
Context is crucial

Citation rates vary among fields. A good or average h-index for a researcher in Mathematics will be very different from an average h-index for a Biochemistry researcher.

How “good” is this? What is the context?

Additional metrics are needed to understand research performance.
### Benchmarking & Analytics Indicators
Comparaison ‘like with like’

<table>
<thead>
<tr>
<th>Productivity And Impact</th>
<th>Normalization</th>
<th>Top Performance</th>
<th>Scientific Collaborations</th>
<th>JIF Documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web of Science Documents</td>
<td>Category Normalized Citation Impact</td>
<td>% Documents in Top 1%</td>
<td>% Industry Collaborations</td>
<td>Documents in JIF Journals</td>
</tr>
<tr>
<td>Times Cited</td>
<td>Category Expected Citations</td>
<td>% Documents in Top 10%</td>
<td>% International Collaborations</td>
<td>Documents in Q1 Journals</td>
</tr>
<tr>
<td>Citation Impact</td>
<td>Journal Normalized Citation Impact</td>
<td>Average percentile</td>
<td>Collaborations with Organizations</td>
<td>Documents in Q2 Journals</td>
</tr>
<tr>
<td>% of documents cited</td>
<td>Journal Expected Citations</td>
<td>Highly Cited Papers</td>
<td>Collaborations with Countries</td>
<td>Documents in Q3 Journals</td>
</tr>
<tr>
<td>H Index</td>
<td></td>
<td>Hot Papers</td>
<td>Collaborations with Authors</td>
<td>Documents in Q4 Journals</td>
</tr>
</tbody>
</table>

Web of Science Group
Benchmarking and Analytics Indicators

• **Productivity**
  – Web of Science Documents
    – *Number of Web of Science Documents*

• **Total Influence**
  – Times Cited
    – *Number of times the set of publications has been cited*
  – H-index
    – *Number of papers, “h”, that have been cited at least “h” times*

• **Efficiency**
  – Citation Impact
    – *Average (mean) number of citations per paper*
  – % Documents Cited
    – *Percentage of publications that have been cited one or more times*
Benchmarking and Analytics Indicators

- **Relative Impact**
  - **Category Normalized Citation Impact**
    
    Citation impact (citations per paper) normalized for subject, year and document type
  - **Journal Normalized Citation Impact**
    
    Citation impact (citations per paper) normalized for journal, year and document type
  - **Average Percentile**
    
    Average (mean) of the percentiles for all publications
  - **% Documents in Top 1%**
    
    Percentage of publications in the top 1% based on citations by category, year, and document type
  - **% Documents in Top 10%**
    
    Percentage of publications in the top 10% based on citations by category, year, and document type
Benchmarking and Analytics Indicators

• Collaborations
  – International Collaborations
    – Papers that contain one or more international co-authors
  – % International Collaborations
    – Percentage of publications that have international co-authors

• Institution Profile Indicators
  – https://clarivate.com/products/incites/
## Normalized Indicators


<table>
<thead>
<tr>
<th>Source</th>
<th>Volume</th>
<th>Issue</th>
<th>Pages</th>
<th>Publication Date</th>
<th>Times Cited</th>
<th>Journal Expected Citations</th>
<th>Category Expected Citations</th>
<th>Journal Normalized Citation Impact</th>
<th>Category Normalized Citation Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>JOURNAL OF COMPUTATIONAL CHEMISTRY</td>
<td>25</td>
<td>16</td>
<td>1605-1612</td>
<td>2004</td>
<td>5,312</td>
<td>95.82</td>
<td>29.33</td>
<td>56.44</td>
<td>181.12</td>
</tr>
</tbody>
</table>

**Average number of citations to documents of the same document type from the same journal in the same database year**

**Average number of citations to documents of the same document type in the same category in the same database year**
Live Product Demo
Thank you

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