Editor Mentoring

Workshop 2: Impact factors and persistent identifiers

Joy Owango
Executive Director- TCC Africa
joy.owango@tcc-africa.org
TCC Africa is an award-winning Trust, established as a non-profit entity in 2006. We provide capacity support in improving researchers output and visibility through training in scholarly and science communication.
Our Mission

Contribute to the increase in profile, locally, and internationally, of African science, and its impact on the life of Africans, by improving skills in technical communication in all forms, at academia and other relevant forums, in Africa.
Our Values

Collaborative
Supportive
Goal-Oriented

Researchers through capacity in improving their research output and visibility.
Our Capacity Building Environment

Institutional Capacity Strengthening
Our approach in working with the institutes is bring together the research and library units in supporting their respective research or academic communities.

Professional Services
As a centre we support research institutes in various professional capacities that will help them improve their research output and increase their visibility.

In house Training
Institutional Capacity Strengthening

Research Lifecycle

- Granting Councils
- Research Councils
- Libraries
- University Commissions

Education
Facilitation
Partnership
History

Modern Scientometrics is mostly based on the work of Dr. Eugene Garfield creator and founder of the Science Citation Index and the Institute for Scientific Information (ISI) from the Clarivate Analytics Group which is heavily used for scientometric analysis.

Scientometrics Variables

Authors - *H Index*

Publications

Journals - *Impact Factor*

Citations

Institutions

Country
**Individuals/Researchers**

**H- Index**

The **h-index** is an author-level metric that attempts to measure both the productivity and citation impact of the publications of a scientist or scholar.

The **index** is based on the set of the scientist's most cited papers and the number of citations that they have received in other publications.

Created in 2005 by **Jorge E. Hirsch**

**Platforms with H-Index**

- Google Scholar
- Research Gate
- Researcher ID

**Unique to each platform**
What is ResearcherID?

ResearcherID provides a solution to the author ambiguity problem within the scholarly research community. Each member is assigned a unique identifier to enable researchers to manage their publication lists, track their times cited and h-index, identify potential collaborators and avoid author misidentification. In addition, your ResearcherID information integrates with the Web of Science and is CRICL compliant, allowing you to claim and showcase your publications from a single site account. Search the registry to find collaborators, review publication lists and explore how research is used around the world.

Top Keywords

Find researchers based on your area of interest.

bioinformatics biomaterials biomechanics biophysics bioremediation biotechnology biocatalysis chemistry climate change computational biology computational chemistry computer vision condensed matter physics conservation conservation biology data mining diabetes drug delivery ecology epigenetics epidemiology evolution fluid mechanics genetics genomics geochemistry graphene hydrology image processing immunology inflammation innovation knowledge management machine learning management marketing mass spectrometry medicinal chemistry molecular biology molecular dynamics nanomaterials nanoparticles nanotechnology neuroscience nonlinear optics nutrition obesity optimization organics
Metrics & Impact on evaluation

Discussion — An editors perspective

- Journal reputation
- An authors’ perspective
JIF Calculation

- Journal A published some papers in 2014 & 2015:

<table>
<thead>
<tr>
<th>Item</th>
<th>2014</th>
<th>2015</th>
<th>Total</th>
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</thead>
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<tr>
<td>Total Papers Published</td>
<td>130</td>
<td>170</td>
<td>300</td>
</tr>
<tr>
<td>Citations Achieved in 2015</td>
<td>240</td>
<td>360</td>
<td>600</td>
</tr>
</tbody>
</table>

\[
\text{Impact Factor} = \frac{\text{Citations}}{\text{Papers}} = \frac{600}{300} = 2 \quad \text{IF}
\]
CiteScore Calculation

Documents from 3 years:
- 2011
- 2012
- 2013
- 2014

Citations in 2015:
Journal Impact Vs Normative Assessment
Why Persistent Identifiers (PIDs)

“The issue of citation standards became important in the online world as well. Studies have shown that within a few years of being cited, a significant percentage of web addresses go "dead"!”

What’s a PID?

Source: https://en.wikipedia.org/wiki/Persistent_identifier
Joy Owango

Also known as
Joy Migan Phylis Owango

Activities

- **Employment (1)**

  Training Center in Communication: Nairobi, Nairobi, KE

  2006 to present | Director and Co-founder (Science and Scientific Communication)

  Employment
Types of PIDs & choice of suffixes

Person - People (ORCID, Researcher iD)
Object (DOI, URL, DID*)
Places (ROR, Ringgold, LEI, etc..)

PID Choice DOI

DOI Structure: 10.1234/ xxx1

Figure 1: Anatomy of a DOI
ROR is a global, community-led registry of open persistent identifiers for research organizations
Use the registry

The Research Organization Registry (ROR) includes IDs and metadata for more than 102,000 organizations and counting. Registry data is CC0 and openly available via a search interface, REST API, and data dump. Registry updates are curated through a community process and released on a rolling basis.
University of Oxford

ORGANIZATION TYPE
Education

OTHER NAMES
Oxford University, Prifysgol Rhydychen

WEBSITE
http://www.ox.ac.uk/

LOCATION
Oxford (GeoNames ID 2640729)
United Kingdom

OTHER IDENTIFIERS
GRID grid.4991.5
ISNI 0000 0004 1936 8948
Crossref Funder ID 5011000000769
Wikidata Q34433
CONTACT US

Website: www.tcc-africa.org
Physical Address:
University of Nairobi, School of Biological Sciences, Chiromo Campus, Gecaga Institute Building.

Email: info@tcc-africa.org | admin@tcc-africa.org
Postal address:
Training Centre in Communication, P.O. Box 21553, 00100 GPO, Nairobi, Kenya