Handbook of Bibliometric Indicators. Quantitative Tools for Studying and Evaluating Research

Description: At last, the first systematic guide to the growing jungle of citation indices and other bibliometric indicators.

Written with the aim of providing a complete and unbiased overview of all available statistical measures for scientific productivity, the core of this reference is an alphabetical dictionary of indices and other algorithms used to evaluate the importance and impact of researchers and their institutions. In 150 major articles, the authors describe all indices in strictly mathematical terms without passing judgement on their relative merit. From widely used measures, such as the journal impact factor or the h-index, to highly specialized indices, all indicators currently in use in the sciences and humanities are described, and their application explained. The introductory section and the appendix contain a wealth of valuable supporting information on data sources, tools and techniques for bibliometric and scientometric analysis – for individual researchers as well as their funders and publishers.

Contents:

User's Guide

Notations and symbols

Introduction

DICTIONARY

A: aARCA index to axiomatic approaches to bibliometric indicators

B: Balanced Citation Count to byline

C: Carbon—h-factor to cyclomatic number

D: database citation potential to dynamic discounted cumulated impact

E: ECR (expected citation rate) to External Journal Impact Factor

F: Faculty Member Score to fuzzy academic performance index

G: Garfield Factor to GWD (generalized Waring distribution)

H: harmonic author count to h-type indices

I: I3 (Integrated Impact Indicator) to iteratively weighted indices

J: Jaccard–Tanimoto coefficient to Journal Paper Productivity

K: Kaur h–index to Kullback–Leibler relative entropy

L: Lagrange distance to L–W (Liberman–Wolf) bonding number

M: Mahalanobis distance to mutual entropy

N: negentropy to NWDC (Normalized Weighted Direct Citations)

O: OA (open access) to overall interactivity

P: PageRank to PY/CY diagrams

Q: q–index to quasity
R: Ramirez–García–Del Rio renormalized impact factor to Rw indicator
S: SALSA to synchronous journal diffusion factors
T: Taber c-index to TZS (total Z-score)
U: U-Class journals to utility index
V: Vantage Point to VOSViewer
W: WAI (weighted affinity index) to Wu-index
X: x-index
Y: yearly h-index to Yule–Simpson effect
Z: zero-order h-index to z test

Bibliography

Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct.

Product Name: Handbook of Bibliometric Indicators. Quantitative Tools for Studying and Evaluating Research
Web Address: http://www.researchandmarkets.com/reports/3327623/
Office Code: SCH3CCLU

Product Format
Please select the product format and quantity you require:

- [ ] Hard Copy (Hard Back): USD 98 + USD 29 Shipping/Handling

* Shipping/Handling is only charged once per order.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

<table>
<thead>
<tr>
<th>Account number</th>
<th>833 130 83</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sort code</td>
<td>98-53-30</td>
</tr>
<tr>
<td>Swift code</td>
<td>ULSBIE2D</td>
</tr>
<tr>
<td>IBAN number</td>
<td>IE78ULSB98533083313083</td>
</tr>
<tr>
<td>Bank Address</td>
<td>Ulster Bank, 27-35 Main Street, Blackrock, Co. Dublin, Ireland.</td>
</tr>
</tbody>
</table>

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World