

Nees Jan van Eck

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

11,192
citations

37
h-index

85
g-index

85
ext. papers

16,055
ext. citations

4.4
avg, IF

7.24
L-index

#	Paper	IF	Citations
80	Software survey: VOSviewer, a computer program for bibliometric mapping. <i>Scientometrics</i> , 2010 , 84, 523-538	3	3982
79	A unified approach to mapping and clustering of bibliometric networks. <i>Journal of Informetrics</i> , 2010 , 4, 629-635	3.1	739
78	From Louvain to Leiden: guaranteeing well-connected communities. <i>Scientific Reports</i> , 2019 , 9, 5233	4.9	707
77	Citation-based clustering of publications using CitNetExplorer and VOSviewer. <i>Scientometrics</i> , 2017 , 111, 1053-1070	3	452
76	A smart local moving algorithm for large-scale modularity-based community detection. <i>European Physical Journal B</i> , 2013 , 86, 1	1.2	411
75	Visualizing Bibliometric Networks 2014 , 285-320		375
74	How to normalize cooccurrence data? An analysis of some well-known similarity measures. <i>Journal of the Association for Information Science and Technology</i> , 2009 , 60, 1635-1651		354
73	Constructing bibliometric networks: A comparison between full and fractional counting. <i>Journal of Informetrics</i> , 2016 , 10, 1178-1195	3.1	311
72	A comparison of two techniques for bibliometric mapping: Multidimensional scaling and VOS. <i>Journal of the Association for Information Science and Technology</i> , 2010 , 61, 2405-2416		309
71	A new methodology for constructing a publication-level classification system of science. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 2378-2392		290
70	CitNetExplorer: A new software tool for analyzing and visualizing citation networks. <i>Journal of Informetrics</i> , 2014 , 8, 802-823	3.1	254
69	Towards a new crown indicator: Some theoretical considerations. <i>Journal of Informetrics</i> , 2011 , 5, 37-47	3.1	249
68	The Leiden ranking 2011/2012: Data collection, indicators, and interpretation. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 2419-2432		228
67	The inconsistency of the h-index. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 406-415		182
66	Towards a new crown indicator: an empirical analysis. <i>Scientometrics</i> , 2011 , 87, 467-481	3	152
65	Citation analysis may severely underestimate the impact of clinical research as compared to basic research. <i>PLoS ONE</i> , 2013 , 8, e62395	3.7	137
64	Automatic term identification for bibliometric mapping. <i>Scientometrics</i> , 2010 , 82, 581-596	3	129

63	VOS: A New Method for Visualizing Similarities Between Objects. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2007 , 299-306	0.2	129
62	BIBLIOMETRIC MAPPING OF THE COMPUTATIONAL INTELLIGENCE FIELD. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2007 , 15, 625-645	0.8	128
61	Field-normalized citation impact indicators and the choice of an appropriate counting method. <i>Journal of Informetrics</i> , 2015 , 9, 872-894	3.1	127
60	Some modifications to the SNIP journal impact indicator. <i>Journal of Informetrics</i> , 2013 , 7, 272-285	3.1	116
59	Generalizing the h- and g-indices. <i>Journal of Informetrics</i> , 2008 , 2, 263-271	3.1	96
58	A systematic empirical comparison of different approaches for normalizing citation impact indicators. <i>Journal of Informetrics</i> , 2013 , 7, 833-849	3.1	83
57	Source normalized indicators of citation impact: an overview of different approaches and an empirical comparison. <i>Scientometrics</i> , 2013 , 96, 699-716	3	81
56	Bibliometric mapping of computer and information ethics. <i>Ethics and Information Technology</i> , 2011 , 13, 241-249	3.7	78
55	Rivals for the crown: Reply to Opthof and Leydesdorff. <i>Journal of Informetrics</i> , 2010 , 4, 431-435	3.1	70
54	Large-scale comparison of bibliographic data sources: Scopus, Web of Science, Dimensions, Crossref, and Microsoft Academic. <i>Quantitative Science Studies</i> , 2021 , 2, 20-41	3.8	64
53	Clustering Scientific Publications Based on Citation Relations: A Systematic Comparison of Different Methods. <i>PLoS ONE</i> , 2016 , 11, e0154404	3.7	63
52	Characterizing in-text citations in scientific articles: A large-scale analysis. <i>Journal of Informetrics</i> , 2018 , 12, 59-73	3.1	62
51	The production of scientific knowledge on renewable energies: Worldwide trends, dynamics and challenges and implications for management. <i>Renewable Energy</i> , 2014 , 62, 657-671	8.1	58
50	Globalisation of science in kilometres. <i>Journal of Informetrics</i> , 2011 , 5, 574-582	3.1	54
49	Universality of citation distributions revisited. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 72-77		53
48	Mapping patient safety: a large-scale literature review using bibliometric visualisation techniques. <i>BMJ Open</i> , 2014 , 4, e004468	3	45
47	A recursive field-normalized bibliometric performance indicator: an application to the field of library and information science. <i>Scientometrics</i> , 2011 , 89, 301-314	3	44
46	Appropriate similarity measures for author co-citation analysis. <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 1653-1661		43

45	Counting publications and citations: Is more always better?. <i>Journal of Informetrics</i> , 2013 , 7, 635-641	3.1	42
44	Visualizing the computational intelligence field [Application Notes]. <i>IEEE Computational Intelligence Magazine</i> , 2006 , 1, 6-10	5.6	38
43	On the map: Nature and Science editorials. <i>Scientometrics</i> , 2011 , 86, 99-112	3	28
42	Framing psychology as a discipline (1950-1999): A large-scale term co-occurrence analysis of scientific literature in psychology. <i>History of Psychology</i> , 2018 , 21, 334-362	0.4	28
41	Evaluation of the citation matching algorithms of CWTS and iFQ in comparison to the Web of science. <i>Journal of the Association for Information Science and Technology</i> , 2016 , 67, 2550-2564	2.7	27
40	The relation between Eigenfactor, audience factor, and influence weight. <i>Journal of the Association for Information Science and Technology</i> , 2010 , 61, 1476-1486		27
39	A scientometric overview of CORD-19. <i>PLoS ONE</i> , 2021 , 16, e0244839	3.7	27
38	Application of reinforcement learning to the game of Othello. <i>Computers and Operations Research</i> , 2008 , 35, 1999-2017	4.6	21
37	On the correlation between bibliometric indicators and peer review: reply to Opthof and Leydesdorff. <i>Scientometrics</i> , 2011 , 88, 1017-1022	3	16
36	The Closer the Better: Similarity of Publication Pairs at Different Cocitation Levels. <i>Journal of the Association for Information Science and Technology</i> , 2018 , 69, 600-609	2.7	16
35	Economic modeling using evolutionary algorithms: the effect of a binary encoding of strategies. <i>Journal of Evolutionary Economics</i> , 2011 , 21, 737-756	1.9	14
34	Some comments on Egghe's derivation of the impact factor distribution. <i>Journal of Informetrics</i> , 2009 , 3, 363-366	3.1	14
33	A principled methodology for comparing relatedness measures for clustering publications. <i>Quantitative Science Studies</i> , 1-23	3.8	14
32	A scientometric overview of CORD-19		14
31	The elephant in the room: The problem of quantifying productivity in evaluative scientometrics. <i>Journal of Informetrics</i> , 2016 , 10, 671-674	3.1	14
30	Collecting large-scale publication data at the level of individual researchers: a practical proposal for author name disambiguation. <i>Scientometrics</i> , 2020 , 123, 883-907	3	13
29	Journal Editorials give indication of driving science issues. <i>Nature</i> , 2010 , 463, 157	50.4	13
28	Field Normalization of Scientometric Indicators. <i>Springer Handbooks</i> , 2019 , 281-300	1.3	13

27	Bibliometric Analyses Reveal Patterns of Collaboration between ASMS Members. <i>Journal of the American Society for Mass Spectrometry</i> , 2018 , 29, 447-454	3.5	12
26	Some comments on the question whether co-occurrence data should be normalized. <i>Journal of the Association for Information Science and Technology</i> , 2007 , 58, 1701-1703		12
25	Topic identification challenge. <i>Scientometrics</i> , 2017 , 111, 1223-1224	3	11
24	Comparing institutional-level bibliometric research performance indicator values based on different affiliation disambiguation systems. <i>Quantitative Science Studies</i> , 2020 , 1, 150-170	3.8	11
23	Prediction of Stock Price Movements Based on Concept Map Information 2007 ,		11
22	From dignity to security protocols: a scientometric analysis of digital ethics. <i>Ethics and Information Technology</i> , 2018 , 20, 175-187	3.7	11
21	A Novel Algorithm for Visualizing Concept Associations		10
20	Exploring Topics of Interest of Mendeley Users. <i>Journal of Altmetrics</i> , 2018 , 1, 5	2.9	10
19	Some Limitations of the H Index: A Commentary on Ruscio and ColleaguesSA nalysis of Bibliometric Indices. <i>Measurement</i> , 2012 , 10, 172-175	1.3	8
18	Collaborations span 1,553 kilometres. <i>Nature</i> , 2011 , 473, 154	50.4	8
17	Investigating disagreement in the scientific literature.. <i>ELife</i> , 2021 , 10,	8.9	8
16	Enhancing direct citations: A comparison of relatedness measures for community detection in a large set of PubMed publications. <i>Quantitative Science Studies</i> , 2020 , 1-16	3.8	6
15	Robust Evolutionary Algorithm Design for Socio-Economic Simulation: Some Comments. <i>Computational Economics</i> , 2009 , 33, 103-105	1.4	6
14	Visualizing Concept Associations Using Concept Density Maps		6
13	Poverty Research in a Development Policy Context. <i>Development Policy Review</i> , 2011 , 29, 311-330	1.3	4
12	Some comments on the journal weighted impact factor proposed by Habibzadeh and Yadollahie. <i>Journal of Informetrics</i> , 2008 , 2, 369-372	3.1	4
11	Visualizing the WCCI 2006 Knowledge Domain 2006 ,		4
10	Intermediacy of publications. <i>Royal Society Open Science</i> , 2020 , 7, 190207	3.3	3

9	The Sch̄ case: Analyzing in-text citations to papers before and after retraction		3
8	Mapping the Management Discipline - A Bibliometric and Qualitative Synthesis. <i>Proceedings - Academy of Management</i> , 2014 , 2014, 12315	0.1	3
7	An Evolutionary Model of Price Competition Among Spatially Distributed Firms. <i>Computational Economics</i> , 2013 , 42, 373-391	1.4	2
6	A mathematical analysis of the long-run behavior of genetic algorithms for social modeling. <i>Soft Computing</i> , 2012 , 16, 1071-1089	3.5	1
5	Optimal specialization: Theory development and testing amongst management scholars. <i>Proceedings - Academy of Management</i> , 2012 , 2012, 13505	0.1	1
4	Analyzing the activities of visitors of the Leiden Ranking website. <i>Journal of Data and Information Science</i> , 2018 , 3, 81-98	1.2	1
3	Characteristics of Publication Delays Over the Period 2000-2016 2020 , 89-114		1
2	On the proper understanding of the limiting behavior of generalizations of the h- and g-indices. <i>Journal of Informetrics</i> , 2009 , 3, 369-370	3.1	
1	Where are the breaks in translation from theory to clinical practice (and back) in addressing depression? An empirical graph-theoretic approach. <i>Psychological Medicine</i> , 2019 , 49, 2681-2691	6.9	