

Nees Jan van Eck

List of Publications by Year in Descending Order

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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 | A scientometric overview of COVID-19. <i>PLoS ONE</i> , 2021 , 16, e0244839 | 3.7 | 27 |
| 79 | 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 |
| 78 | Investigating disagreement in the scientific literature.. <i>ELife</i> , 2021 , 10, | 8.9 | 8 |
| 77 | Intermediacy of publications. <i>Royal Society Open Science</i> , 2020 , 7, 190207 | 3.3 | 3 |
| 76 | 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 |
| 75 | 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 |
| 74 | 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 |
| 73 | Characteristics of Publication Delays Over the Period 2000-2016 2020 , 89-114 | | 1 |
| 72 | From Louvain to Leiden: guaranteeing well-connected communities. <i>Scientific Reports</i> , 2019 , 9, 5233 | 4.9 | 707 |
| 71 | Field Normalization of Scientometric Indicators. <i>Springer Handbooks</i> , 2019 , 281-300 | 1.3 | 13 |
| 70 | 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 | |
| 69 | 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 |
| 68 | Exploring Topics of Interest of Mendeley Users. <i>Journal of Altmetrics</i> , 2018 , 1, 5 | 2.9 | 10 |
| 67 | 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 |
| 66 | 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 |
| 65 | Characterizing in-text citations in scientific articles: A large-scale analysis. <i>Journal of Informetrics</i> , 2018 , 12, 59-73 | 3.1 | 62 |
| 64 | 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 |

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| 63 | From dignity to security protocols: a scientometric analysis of digital ethics. <i>Ethics and Information Technology</i> , 2018 , 20, 175-187 | 3.7 | 11 |
| 62 | Citation-based clustering of publications using CitNetExplorer and VOSviewer. <i>Scientometrics</i> , 2017 , 111, 1053-1070 | 3 | 452 |
| 61 | Topic identification challenge. <i>Scientometrics</i> , 2017 , 111, 1223-1224 | 3 | 11 |
| 60 | Constructing bibliometric networks: A comparison between full and fractional counting. <i>Journal of Informetrics</i> , 2016 , 10, 1178-1195 | 3.1 | 311 |
| 59 | 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 |
| 58 | Clustering Scientific Publications Based on Citation Relations: A Systematic Comparison of Different Methods. <i>PLoS ONE</i> , 2016 , 11, e0154404 | 3.7 | 63 |
| 57 | 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 |
| 56 | 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 |
| 55 | CitNetExplorer: A new software tool for analyzing and visualizing citation networks. <i>Journal of Informetrics</i> , 2014 , 8, 802-823 | 3.1 | 254 |
| 54 | Visualizing Bibliometric Networks 2014 , 285-320 | | 375 |
| 53 | Mapping patient safety: a large-scale literature review using bibliometric visualisation techniques. <i>BMJ Open</i> , 2014 , 4, e004468 | 3 | 45 |
| 52 | 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 |
| 51 | Mapping the Management Discipline - A Bibliometric and Qualitative Synthesis. <i>Proceedings - Academy of Management</i> , 2014 , 2014, 12315 | 0.1 | 3 |
| 50 | A systematic empirical comparison of different approaches for normalizing citation impact indicators. <i>Journal of Informetrics</i> , 2013 , 7, 833-849 | 3.1 | 83 |
| 49 | Some modifications to the SNIP journal impact indicator. <i>Journal of Informetrics</i> , 2013 , 7, 272-285 | 3.1 | 116 |
| 48 | A smart local moving algorithm for large-scale modularity-based community detection. <i>European Physical Journal B</i> , 2013 , 86, 1 | 1.2 | 411 |
| 47 | An Evolutionary Model of Price Competition Among Spatially Distributed Firms. <i>Computational Economics</i> , 2013 , 42, 373-391 | 1.4 | 2 |
| 46 | Source normalized indicators of citation impact: an overview of different approaches and an empirical comparison. <i>Scientometrics</i> , 2013 , 96, 699-716 | 3 | 81 |

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| 45 | Counting publications and citations: Is more always better?. <i>Journal of Informetrics</i> , 2013 , 7, 635-641 | 3.1 | 42 |
| 44 | 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 |
| 43 | Universality of citation distributions revisited. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 72-77 | | 53 |
| 42 | The inconsistency of the h-index. <i>Journal of the Association for Information Science and Technology</i> , 2012 , 63, 406-415 | | 182 |
| 41 | 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 |
| 40 | 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 |
| 39 | Some Limitations of the H Index: A Commentary on Ruscio and Colleagues'S Analysis of Bibliometric Indices. <i>Measurement</i> , 2012 , 10, 172-175 | 1.3 | 8 |
| 38 | 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 |
| 37 | Optimal specialization: Theory development and testing amongst management scholars. <i>Proceedings - Academy of Management</i> , 2012 , 2012, 13505 | 0.1 | 1 |
| 36 | Globalisation of science in kilometres. <i>Journal of Informetrics</i> , 2011 , 5, 574-582 | 3.1 | 54 |
| 35 | Poverty Research in a Development Policy Context. <i>Development Policy Review</i> , 2011 , 29, 311-330 | 1.3 | 4 |
| 34 | Collaborations span 1,553 kilometres. <i>Nature</i> , 2011 , 473, 154 | 50.4 | 8 |
| 33 | Bibliometric mapping of computer and information ethics. <i>Ethics and Information Technology</i> , 2011 , 13, 241-249 | 3.7 | 78 |
| 32 | On the map: Nature and Science editorials. <i>Scientometrics</i> , 2011 , 86, 99-112 | 3 | 28 |
| 31 | Towards a new crown indicator: an empirical analysis. <i>Scientometrics</i> , 2011 , 87, 467-481 | 3 | 152 |
| 30 | On the correlation between bibliometric indicators and peer review: reply to Opthof and Leydesdorff. <i>Scientometrics</i> , 2011 , 88, 1017-1022 | 3 | 16 |
| 29 | 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 |
| 28 | 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 |

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| 27 | Towards a new crown indicator: Some theoretical considerations. <i>Journal of Informetrics</i> , 2011 , 5, 37-47 | 3.1 | 249 |
| 26 | Journal Editorials give indication of driving science issues. <i>Nature</i> , 2010 , 463, 157 | 50.4 | 13 |
| 25 | Software survey: VOSviewer, a computer program for bibliometric mapping. <i>Scientometrics</i> , 2010 , 84, 523-538 | 3 | 3982 |
| 24 | Automatic term identification for bibliometric mapping. <i>Scientometrics</i> , 2010 , 82, 581-596 | 3 | 129 |
| 23 | 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 |
| 22 | 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 |
| 21 | Rivals for the crown: Reply to Opthof and Leydesdorff. <i>Journal of Informetrics</i> , 2010 , 4, 431-435 | 3.1 | 70 |
| 20 | A unified approach to mapping and clustering of bibliometric networks. <i>Journal of Informetrics</i> , 2010 , 4, 629-635 | 3.1 | 739 |
| 19 | 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 |
| 18 | Robust Evolutionary Algorithm Design for Socio-Economic Simulation: Some Comments. <i>Computational Economics</i> , 2009 , 33, 103-105 | 1.4 | 6 |
| 17 | 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 | |
| 16 | Some comments on Egghe's derivation of the impact factor distribution. <i>Journal of Informetrics</i> , 2009 , 3, 363-366 | 3.1 | 14 |
| 15 | 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 |
| 14 | Application of reinforcement learning to the game of Othello. <i>Computers and Operations Research</i> , 2008 , 35, 1999-2017 | 4.6 | 21 |
| 13 | Appropriate similarity measures for author co-citation analysis. <i>Journal of the Association for Information Science and Technology</i> , 2008 , 59, 1653-1661 | | 43 |
| 12 | Generalizing the h- and g-indices. <i>Journal of Informetrics</i> , 2008 , 2, 263-271 | 3.1 | 96 |
| 11 | 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 |
| 10 | 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 |

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| 9 | 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 |
| 8 | Prediction of Stock Price Movements Based on Concept Map Information 2007 , | | 11 |
| 7 | Visualizing the computational intelligence field [Application Notes]. <i>IEEE Computational Intelligence Magazine</i> , 2006 , 1, 6-10 | 5.6 | 38 |
| 6 | Visualizing the WCCI 2006 Knowledge Domain 2006 , | | 4 |
| 5 | Visualizing Concept Associations Using Concept Density Maps | | 6 |
| 4 | A Novel Algorithm for Visualizing Concept Associations | | 10 |
| 3 | A principled methodology for comparing relatedness measures for clustering publications. <i>Quantitative Science Studies</i> ,1-23 | 3.8 | 14 |
| 2 | The Sch̄ case: Analyzing in-text citations to papers before and after retraction | | 3 |
| 1 | A scientometric overview of CORD-19 | | 14 |