

# Lutz Bornmann

## List of Publications by Year in descending order

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Version: 2024-02-01

365  
papers

15,704  
citations

23500

58  
h-index

28224

105  
g-index

374  
all docs

374  
docs citations

374  
times ranked

9388  
citing authors

#	ARTICLE	IF	CITATIONS
1	What do citation counts measure? A review of studies on citing behavior. <i>Journal of Documentation</i> , 2008, 64, 45-80.	0.9	997
2	Growth rates of modern science: A bibliometric analysis based on the number of publications and cited references. <i>Journal of the Association for Information Science and Technology</i> , 2015, 66, 2215-2222.	1.5	830
3	What do we know about the h-index?. <i>Journal of the Association for Information Science and Technology</i> , 2007, 58, 1381-1385.	2.6	445
4	What is societal impact of research and how can it be assessed? a literature survey. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 217-233.	2.6	399
5	Do altmetrics point to the broader impact of research? An overview of benefits and disadvantages of altmetrics. <i>Journal of Informetrics</i> , 2014, 8, 895-903.	1.4	378
6	Are there better indices for evaluation purposes than the h-index? A comparison of nine different variants of the h-index using data from biomedicine. <i>Journal of the Association for Information Science and Technology</i> , 2008, 59, 830-837.	2.6	357
7	Scientific peer review. <i>Annual Review of Information Science &amp; Technology</i> , 2011, 45, 197-245.	2.6	336
8	The state of h-index research. <i>EMBO Reports</i> , 2009, 10, 2-6.	2.0	310
9	Does the h-index for ranking of scientists really work?. <i>Scientometrics</i> , 2005, 65, 391-392.	1.6	302
10	Gender differences in grant peer review: A meta-analysis. <i>Journal of Informetrics</i> , 2007, 1, 226-238.	1.4	229
11	A multilevel meta-analysis of studies reporting correlations between the h index and 37 different h index variants. <i>Journal of Informetrics</i> , 2011, 5, 346-359.	1.4	227
12	Climate Change Research in View of Bibliometrics. <i>PLoS ONE</i> , 2016, 11, e0160393.	1.1	189
13	What factors determine citation counts of publications in chemistry besides their quality?. <i>Journal of Informetrics</i> , 2012, 6, 11-18.	1.4	181
14	Measuring the societal impact of research. <i>EMBO Reports</i> , 2012, 13, 673-676.	2.0	178
15	Scientometrics in a changing research landscape. <i>EMBO Reports</i> , 2014, 15, 1228-1232.	2.0	158
16	The use of percentiles and percentile rank classes in the analysis of bibliometric data: Opportunities and limits. <i>Journal of Informetrics</i> , 2013, 7, 158-165.	1.4	145
17	Alternative metrics in scientometrics: a meta-analysis of research into three altmetrics. <i>Scientometrics</i> , 2015, 103, 1123-1144.	1.6	144
18	Turning the tables on citation analysis one more time: Principles for comparing sets of documents. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 1370-1381.	2.6	143

#	ARTICLE	IF	CITATIONS
19	Detecting the historical roots of research fields by reference publication year spectroscopy (<sc>RPYS</sc>). Journal of the Association for Information Science and Technology, 2014, 65, 751-764.	1.5	142
20	Diversity, value and limitations of the journal impact factor and alternative metrics. Rheumatology International, 2012, 32, 1861-1867.	1.5	132
21	A Reliability-Generalization Study of Journal Peer Reviews: A Multilevel Meta-Analysis of Inter-Rater Reliability and Its Determinants. PLoS ONE, 2010, 5, e14331.	1.1	130
22	Gender Effects in the Peer Reviews of Grant Proposals: A Comprehensive Meta-Analysis Comparing Traditional and Multilevel Approaches. Review of Educational Research, 2009, 79, 1290-1326.	4.3	128
23	Growth rates of modern science: a latent piecewise growth curve approach to model publication numbers from established and new literature databases. Humanities and Social Sciences Communications, 2021, 8, .	1.3	124
24	A persistent problem. EMBO Reports, 2007, 8, 982-987.	2.0	120
25	The new Excellence Indicator in the World Report of the SCImago Institutions Rankings 2011. Journal of Informetrics, 2012, 6, 333-335.	1.4	119
26	Integrated impact indicators compared with impact factors: An alternative research design with policy implications. Journal of the Association for Information Science and Technology, 2011, 62, 2133-2146.	2.6	116
27	Fast growing research on negative emissions. Environmental Research Letters, 2017, 12, 035007.	2.2	114
28	Selection of research fellowship recipients by committee peer review. Reliability, fairness and predictive validity of Board of Trustees' decisions. Scientometrics, 2005, 63, 297-320.	1.6	113
29	What do citation counts measure? An updated review of studies on citations in scientific documents published between 2006 and 2018. Scientometrics, 2019, 121, 1635-1684.	1.6	107
30	Further steps towards an ideal method of measuring citation performance: The avoidance of citation (ratio) averages in field-normalization. Journal of Informetrics, 2011, 5, 228-230.	1.4	106
31	Professional and citizen bibliometrics: complementarities and ambivalences in the development and use of indicators—a state-of-the-art report. Scientometrics, 2016, 109, 2129-2150.	1.6	101
32	How to evaluate individual researchers working in the natural and life sciences meaningfully? A proposal of methods based on percentiles of citations. Scientometrics, 2014, 98, 487-509.	1.6	99
33	Selecting scientific excellence through committee peer review - A citation analysis of publications previously published to approval or rejection of post-doctoral research fellowship applicants. Scientometrics, 2006, 68, 427-440.	1.6	98
34	Validity of altmetrics data for measuring societal impact: A study using data from Altmetric and F1000Prime. Journal of Informetrics, 2014, 8, 935-950.	1.4	98
35	Core elements in the process of citing publications: Conceptual overview of the literature. Journal of Informetrics, 2018, 12, 203-216.	1.4	97
36	Methods for the generation of normalized citation impact scores in bibliometrics: Which method best reflects the judgements of experts?. Journal of Informetrics, 2015, 9, 408-418.	1.4	95

#	ARTICLE	IF	CITATIONS
37	Interdisciplinarity as diversity in citation patterns among journals: Rao-Stirling diversity, relative variety, and the Gini coefficient. <i>Journal of Informetrics</i> , 2019, 13, 255-269.	1.4	95
38	How fractional counting of citations affects the impact factor: Normalization in terms of differences in citation potentials among fields of science. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 217-229.	2.6	89
39	Visualizing the context of citations referencing papers published by Eugene Garfield: a new type of keyword co-occurrence analysis. <i>Scientometrics</i> , 2018, 114, 427-437.	1.6	89
40	Do altmetrics correlate with the quality of papers? A large-scale empirical study based on F1000Prime data. <i>PLoS ONE</i> , 2018, 13, e0197133.	1.1	89
41	The validation of (advanced) bibliometric indicators through peer assessments: A comparative study using data from InCites and F1000. <i>Journal of Informetrics</i> , 2013, 7, 286-291.	1.4	87
42	Introducing CitedReferencesExplorer (CRExplorer): A program for reference publication year spectroscopy with cited references standardization. <i>Journal of Informetrics</i> , 2016, 10, 503-515.	1.4	86
43	The operationalization of "fields" as WoS subject categories (WCs) in evaluative bibliometrics: The cases of "library and information science" and "science & technology studies". <i>Journal of the Association for Information Science and Technology</i> , 2016, 67, 707-714.	1.5	85
44	Does the Committee Peer Review Select the Best Applicants for Funding? An Investigation of the Selection Process for Two European Molecular Biology Organization Programmes. <i>PLoS ONE</i> , 2008, 3, e3480.	1.1	84
45	BRICS countries and scientific excellence: A bibliometric analysis of most frequently cited papers. <i>Journal of the Association for Information Science and Technology</i> , 2015, 66, 1507-1513.	1.5	82
46	On the causes of subject-specific citation rates in Web of Science. <i>Scientometrics</i> , 2015, 102, 1823-1827.	1.6	77
47	Convergent validity of bibliometric Google Scholar data in the field of chemistry: Citation counts for papers that were accepted by <i>Angewandte Chemie International Edition</i> or rejected but published elsewhere, using Google Scholar, Science Citation Index, Scopus, and Chemical Abstracts. <i>Journal of Informetrics</i> , 2009, 3, 27-35.	1.4	76
48	How to improve the prediction based on citation impact percentiles for years shortly after the publication date?. <i>Journal of Informetrics</i> , 2014, 8, 175-180.	1.4	76
49	Do Scientific Advancements Lean on the Shoulders of Giants? A Bibliometric Investigation of the Ortega Hypothesis. <i>PLoS ONE</i> , 2010, 5, e13327.	1.1	75
50	How have the Eastern European countries of the former Warsaw Pact developed since 1990? A bibliometric study. <i>Scientometrics</i> , 2015, 102, 1101-1117.	1.6	75
51	Policy documents as sources for measuring societal impact: how often is climate change research mentioned in policy-related documents?. <i>Scientometrics</i> , 2016, 109, 1477-1495.	1.6	75
52	The European Union, China, and the United States in the top-1% and top-10% layers of most-frequently cited publications: Competition and collaborations. <i>Journal of Informetrics</i> , 2014, 8, 606-617.	1.4	74
53	Mapping excellence in the geography of science: An approach based on Scopus data. <i>Journal of Informetrics</i> , 2011, 5, 537-546.	1.4	73
54	Do altmetrics assess societal impact in a comparable way to case studies? An empirical test of the convergent validity of altmetrics based on data from the UK research excellence framework (REF). <i>Journal of Informetrics</i> , 2019, 13, 325-340.	1.4	73

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55	How good is research really?. EMBO Reports, 2013, 14, 226-230.	2.0	69
56	A new approach to the <scp>QS</scp> university ranking using the composite <scp>I</scp> distance indicator: Uncertainty and sensitivity analyses. Journal of the Association for Information Science and Technology, 2016, 67, 200-211.	1.5	68
57	How are excellent (highly cited) papers defined in bibliometrics? A quantitative analysis of the literature. Research Evaluation, 2014, 23, 166-173.	1.3	66
58	Selecting manuscripts for a high-impact journal through peer review: A citation analysis of communications that were accepted by <i>Angewandte Chemie International Edition</i>, or rejected but published elsewhere. Journal of the Association for Information Science and Technology, 2008, 59, 1841-1852.	2.6	64
59	Betweenness and diversity in journal citation networks as measures of interdisciplinarity—A tribute to Eugene Garfield. Scientometrics, 2018, 114, 567-592.	1.6	64
60	Multiple publication on a single research study: Does it pay? The influence of number of research articles on total citation counts in biomedicine. Journal of the Association for Information Science and Technology, 2007, 58, 1100-1107.	2.6	61
61	The detection of “hot regions” in the geography of science—A visualization approach by using density maps. Journal of Informetrics, 2011, 5, 547-553.	1.4	61
62	Which cities produce more excellent papers than can be expected? A new mapping approach, using Google Maps, based on statistical significance testing. Journal of the Association for Information Science and Technology, 2011, 62, 1954-1962.	2.6	61
63	The research guarantors of scientific papers and the output counting: a promising new approach. Scientometrics, 2013, 97, 421-434.	1.6	61
64	How to analyze percentile citation impact data meaningfully in bibliometrics: The statistical analysis of distributions, percentile rank classes, and top-cited papers. Journal of the Association for Information Science and Technology, 2013, 64, 587-595.	2.6	61
65	A meta-evaluation of scientific research proposals: Different ways of comparing rejected to awarded applications. Journal of Informetrics, 2010, 4, 211-220.	1.4	59
66	Heat waves: a hot topic in climate change research. Theoretical and Applied Climatology, 2021, 146, 781-800.	1.3	58
67	Measuring impact in research evaluations: a thorough discussion of methods for, effects of and problems with impact measurements. Higher Education, 2017, 73, 775-787.	2.8	57
68	How to calculate the practical significance of citation impact differences? An empirical example from evaluative institutional bibliometrics using adjusted predictions and marginal effects. Journal of Informetrics, 2013, 7, 562-574.	1.4	56
69	Citations: Indicators of Quality? The Impact Fallacy. Frontiers in Research Metrics and Analytics, 2016, 1, .	0.9	56
70	Convergent validation of peer review decisions using the h index—Extent of and reasons for type I and type II errors. Journal of Informetrics, 2007, 1, 204-213.	1.4	55
71	The h index research output measurement: Two approaches to enhance its accuracy. Journal of Informetrics, 2010, 4, 407-414.	1.4	55
72	Mapping (<scp>USPTO</scp>) patent data using overlays to <scp>G</scp>oogle <scp>M</scp>aps. Journal of the Association for Information Science and Technology, 2012, 63, 1442-1458.	2.6	55

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73	A Multilevel Modelling Approach to Investigating the Predictive Validity of Editorial Decisions: Do the Editors of a High Profile Journal Select Manuscripts that are Highly Cited After Publication?. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2011, 174, 857-879.	0.6	54
74	Does Gender Matter in Grant Peer Review?. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2012, 220, 121-129.	0.7	54
75	The Effectiveness of the Peer Review Process: Inter-Referee Agreement and Predictive Validity of Manuscript Refereeing at <i>Angewandte Chemie</i> . <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7173-7178.	7.2	53
76	Is the <i>h</i> index related to (standard) bibliometric measures and to the assessments by peers? An investigation of the <i>h</i> index by using molecular life sciences data. <i>Research Evaluation</i> , 2008, 17, 149-156.	1.3	53
77	Panel peer review of grant applications: what do we know from research in social psychology on judgment and decision-making in groups?. <i>Research Evaluation</i> , 2010, 19, 293-304.	1.3	52
78	Can the journal impact factor be used as a criterion for the selection of junior researchers? A large-scale empirical study based on ResearcherID data. <i>Journal of Informetrics</i> , 2017, 11, 788-799.	1.4	52
79	How should the societal impact of research be generated and measured? A proposal for a simple and practicable approach to allow interdisciplinary comparisons. <i>Scientometrics</i> , 2014, 98, 211-219.	1.6	51
80	How to measure research efficiency in higher education? Research grants vs. publication output. <i>Journal of Higher Education Policy and Management</i> , 2019, 41, 322-341.	1.5	50
81	Change of perspective: bibliometrics from the point of view of cited references—a literature overview on approaches to the evaluation of cited references in bibliometrics. <i>Scientometrics</i> , 2016, 109, 1397-1415.	1.6	49
82	Does evaluative scientometrics lose its main focus on scientific quality by the new orientation towards societal impact?. <i>Scientometrics</i> , 2017, 110, 937-943.	1.6	48
83	Macro-Indicators of Citation Impacts of Six Prolific Countries: InCites Data and the Statistical Significance of Trends. <i>PLoS ONE</i> , 2013, 8, e56768.	1.1	47
84	Towards an ideal method of measuring research performance: Some comments to the Opthof and Leydesdorff (2010) paper. <i>Journal of Informetrics</i> , 2010, 4, 441-443.	1.4	46
85	Usefulness of altmetrics for measuring the broader impact of research. <i>Aslib Journal of Information Management</i> , 2015, 67, 305-319.	1.3	46
86	At what institutions did Nobel laureates do their prize-winning work? An analysis of biographical information on Nobel laureates from 1994 to 2014. <i>Scientometrics</i> , 2016, 109, 723-767.	1.6	46
87	Skewness of citation impact data and covariates of citation distributions: A large-scale empirical analysis based on Web of Science data. <i>Journal of Informetrics</i> , 2017, 11, 164-175.	1.4	46
88	Does the public discuss other topics on climate change than researchers? A comparison of explorative networks based on author keywords and hashtags. <i>Journal of Informetrics</i> , 2019, 13, 695-707.	1.4	46
89	Multilevel statistical reformulation of citation-based university rankings: The Leiden ranking 2011/2012. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 1649-1658.	2.6	45
90	Ranking and mapping of universities and research-focused institutions worldwide based on highly-cited papers. <i>Online Information Review</i> , 2014, 38, 43-58.	2.2	45

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91	The luck of the referee draw: the effect of exchanging reviews. <i>Learned Publishing</i> , 2009, 22, 117-125.	0.8	44
92	What is the effect of country-specific characteristics on the research performance of scientific institutions? Using multi-level statistical models to rank and map universities and research-focused institutions worldwide. <i>Journal of Informetrics</i> , 2014, 8, 581-593.	1.4	44
93	How many scientific papers are mentioned in policy-related documents? An empirical investigation using Web of Science and Altmetric data. <i>Scientometrics</i> , 2017, 110, 1209-1216.	1.6	44
94	Heterogeneity of Inter-Rater Reliabilities of Grant Peer Reviews and Its Determinants: A General Estimating Equations Approach. <i>PLoS ONE</i> , 2012, 7, e48509.	1.1	44
95	Tracing the origin of a scientific legend by reference publication year spectroscopy (RPYS): the legend of the Darwin finches. <i>Scientometrics</i> , 2014, 99, 839-844.	1.6	43
96	Referenced Publication Years Spectroscopy applied to iMetrics: <i>Scientometrics</i> , <i>Journal of Informetrics</i> , and a relevant subset of JASIST. <i>Journal of Informetrics</i> , 2014, 8, 162-174.	1.4	43
97	Identifying single influential publications in a research field: new analysis opportunities of the CRExplorer. <i>Scientometrics</i> , 2018, 116, 591-608.	1.6	43
98	The Relative Influences of Government Funding and International Collaboration on Citation Impact. <i>Journal of the Association for Information Science and Technology</i> , 2019, 70, 198-201.	1.5	43
99	Do editors and referees look for signs of scientific misconduct when reviewing manuscripts? A quantitative content analysis of studies that examined review criteria and reasons for accepting and rejecting manuscripts for publication. <i>Scientometrics</i> , 2008, 77, 415-432.	1.6	42
100	Normalization of Mendeley reader counts for impact assessment. <i>Journal of Informetrics</i> , 2016, 10, 62-73.	1.4	42
101	The manuscript reviewing process: Empirical research on review requests, review sequences, and decision rules in peer review. <i>Library and Information Science Research</i> , 2010, 32, 5-12.	1.2	40
102	Which percentile-based approach should be preferred for calculating normalized citation impact values? An empirical comparison of five approaches including a newly developed citation-rank approach (P100). <i>Journal of Informetrics</i> , 2013, 7, 933-944.	1.4	40
103	Global Warming and Tea Production – The Bibliometric View on a Newly Emerging Research Topic. <i>Climate</i> , 2017, 5, 46.	1.2	40
104	The proposal of a broadening of perspective in evaluative bibliometrics by complementing the times cited with a cited reference analysis. <i>Journal of Informetrics</i> , 2013, 7, 84-88.	1.4	39
105	Philosophy of science viewed through the lense of “Referenced Publication Years Spectroscopy” (RPYS). <i>Scientometrics</i> , 2015, 102, 1987-1996.	1.6	39
106	The application of bibliometrics to research evaluation in the humanities and social sciences: An exploratory study using normalized Google Scholar data for the publications of a research institute. <i>Journal of the Association for Information Science and Technology</i> , 2016, 67, 2778-2789.	1.5	39
107	How to normalize Twitter counts? A first attempt based on journals in the Twitter Index. <i>Scientometrics</i> , 2016, 107, 1405-1422.	1.6	39
108	Is collaboration among scientists related to the citation impact of papers because their quality increases with collaboration? An analysis based on data from F1000Prime and normalized citation scores. <i>Journal of the Association for Information Science and Technology</i> , 2017, 68, 1036-1047.	1.5	39

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109	Quality assurance in higher education – meta-evaluation of multi-stage evaluation procedures in Germany. <i>Higher Education</i> , 2006, 52, 687-709.	2.8	38
110	Which early works are cited most frequently in climate change research literature? A bibliometric approach based on Reference Publication Year Spectroscopy. <i>Scientometrics</i> , 2017, 110, 335-353.	1.6	38
111	Does quality and content matter for citedness? A comparison with para-textual factors and over time. <i>Journal of Informetrics</i> , 2015, 9, 419-429.	1.4	37
112	Creativity in science and the link to cited references: Is the creative potential of papers reflected in their cited references?. <i>Journal of Informetrics</i> , 2018, 12, 906-930.	1.4	37
113	Citation concept analysis (CCA): a new form of citation analysis revealing the usefulness of concepts for other researchers illustrated by exemplary case studies including classic books by Thomas S. Kuhn and Karl R. Popper. <i>Scientometrics</i> , 2020, 122, 1051-1074.	1.6	37
114	Reviewer and editor biases in journal peer review: an investigation of manuscript refereeing at <i>Angewandte Chemie International Edition</i> . <i>Research Evaluation</i> , 2009, 18, 262-272.	1.3	36
115	Generating clustered journal maps: an automated system for hierarchical classification. <i>Scientometrics</i> , 2017, 110, 1601-1614.	1.6	36
116	Normalisation of citation impact in economics. <i>Scientometrics</i> , 2019, 120, 841-884.	1.6	36
117	Universality of citation distributions – A validation of Radicchi et al.'s relative indicator $\langle i \rangle_c / \langle i \rangle_c^0 = \langle i \rangle_c / \langle i \rangle_c^0$ at the micro level using data from chemistry. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 1664-1670.	2.6	35
118	A content analysis of referees' comments: how do comments on manuscripts rejected by a high-impact journal and later published in either a low- or high-impact journal differ?. <i>Scientometrics</i> , 2010, 83, 493-506.	1.6	35
119	The journal Impact Factor and alternative metrics. <i>EMBO Reports</i> , 2016, 17, 1094-1097.	2.0	35
120	The wisdom of citing scientists. <i>Journal of the Association for Information Science and Technology</i> , 2014, 65, 1288-1292.	1.5	34
121	Mimicry in science?. <i>Scientometrics</i> , 2011, 86, 173-177.	1.6	33
122	Global Nanotribology Research Output (1996–2010): A Scientometric Analysis. <i>PLoS ONE</i> , 2013, 8, e81094.	1.1	33
123	Which people use which scientific papers? An evaluation of data from F1000 and Mendeley. <i>Journal of Informetrics</i> , 2015, 9, 477-487.	1.4	33
124	Closed versus open reviewing of journal manuscripts: how far do comments differ in language use?. <i>Scientometrics</i> , 2012, 91, 843-856.	1.6	32
125	Do universities or research institutions with a specific subject profile have an advantage or a disadvantage in institutional rankings?. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 2310-2316.	2.6	32
126	Citation score normalized by cited references (CSNCR): The introduction of a new citation impact indicator. <i>Journal of Informetrics</i> , 2016, 10, 875-887.	1.4	32



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127	Count highly-cited papers instead of papers with h citations: use normalized citation counts and compare "like with like". <i>Scientometrics</i> , 2018, 115, 1119-1123.	1.6	32
128	The Usefulness of Peer Review for Selecting Manuscripts for Publication: A Utility Analysis Taking as an Example a High-Impact Journal. <i>PLoS ONE</i> , 2010, 5, e11344.	1.1	32
129	Cited references and Medical Subject Headings (MeSH) as two different knowledge representations: clustering and mappings at the paper level. <i>Scientometrics</i> , 2016, 109, 2077-2091.	1.6	31
130	What are the top five journals in economics? A new meta-ranking. <i>Applied Economics</i> , 2018, 50, 659-675.	1.2	31
131	"Smart girls" versus "sleeping beauties" in the sciences: The identification of instant and delayed recognition by using the citation angle. <i>Journal of the Association for Information Science and Technology</i> , 2018, 69, 359-367.	1.5	31
132	Potential sources of bias in research fellowship assessments: effects of university prestige and field of study. <i>Research Evaluation</i> , 2006, 15, 209-219.	1.3	30
133	Hirsch-Type Index Values for Organic Chemistry Journals: A Comparison of New Metrics with the Journal Impact Factor. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 1471-1476.	1.2	30
134	Do Author-Suggested Reviewers Rate Submissions More Favorably than Editor-Suggested Reviewers? A Study on Atmospheric Chemistry and Physics. <i>PLoS ONE</i> , 2010, 5, e13345.	1.1	30
135	Normalization of zero-inflated data: An empirical analysis of a new indicator family and its use with altmetrics data. <i>Journal of Informetrics</i> , 2018, 12, 998-1011.	1.4	30
136	Altmetrics and societal impact measurements: Match or mismatch? A literature review. <i>Profesional De La Informacion</i> , 2020, 29, .	2.7	30
137	Do we need the $h$ index and its variants in addition to standard bibliometric measures?. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 1286-1289.	2.6	29
138	Author name disambiguation of bibliometric data: A comparison of several unsupervised approaches. <i>Quantitative Science Studies</i> , 2020, 1, 1510-1528.	1.6	29
139	Are disruption index indicators convergently valid? The comparison of several indicator variants with assessments by peers. <i>Quantitative Science Studies</i> , 2020, 1, 1242-1259.	1.6	29
140	Citation Environment of <i>Angewandte Chemie</i> . <i>Chimia</i> , 2007, 61, 104-109.	0.3	28
141	Citation speed as a measure to predict the attention an article receives: An investigation of the validity of editorial decisions at <i>Angewandte Chemie International Edition</i> . <i>Journal of Informetrics</i> , 2010, 4, 83-88.	1.4	28
142	HistCite analysis of papers constituting the h index research front. <i>Journal of Informetrics</i> , 2012, 6, 285-288.	1.4	28
143	A decade of in-text citation analysis based on natural language processing and machine learning techniques: an overview of empirical studies. <i>Scientometrics</i> , 2021, 126, 6551-6599.	1.6	28
144	How accurately does Thomas Kuhn's model of paradigm change describe the transition from the static view of the universe to the big bang theory in cosmology?. <i>Scientometrics</i> , 2010, 84, 441-464.	1.6	27

#	ARTICLE	IF	CITATIONS
145	Is interactive open access publishing able to identify high-impact submissions? A study on the predictive validity of Atmospheric Chemistry and Physics by using percentile rank classes. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 61-71.	2.6	27
146	The <sc>A</sc>nna <sc>K</sc>arenina principle: A way of thinking about success in science. <i>Journal of the Association for Information Science and Technology</i> , 2012, 63, 2037-2051.	2.6	27
147	Interrater reliability and convergent validity of <sc>F</sc>1000<sc>P</sc>rime peer review. <i>Journal of the Association for Information Science and Technology</i> , 2015, 66, 2415-2426.	1.5	27
148	Which of the world's institutions employ the most highly cited researchers? An analysis of the data from highlycited.com. <i>Journal of the Association for Information Science and Technology</i> , 2015, 66, 2146-2148.	1.5	27
149	Do we measure novelty when we analyze unusual combinations of cited references? A validation study of bibliometric novelty indicators based on F1000Prime data. <i>Journal of Informetrics</i> , 2019, 13, 100979.	1.4	27
150	How can journal impact factors be normalized across fields of science? An assessment in terms of percentile ranks and fractional counts. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 96-107.	2.6	26
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