

Loet Leydesdorff

List of Publications by Year in descending order

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470
papers

27,742
citations

7069

78
h-index

8370

147
g-index

485
all docs

485
docs citations

485
times ranked

12339
citing authors

#	ARTICLE	IF	CITATIONS
1	The dynamics of innovation: from National Systems and "Mode 2" to a Triple Helix of university-industry-government relations. <i>Research Policy</i> , 2000, 29, 109-123.	3.3	4,999
2	Network structure, self-organization, and the growth of international collaboration in science. <i>Research Policy</i> , 2005, 34, 1608-1618.	3.3	743
3	A review of theory and practice in scientometrics. <i>European Journal of Operational Research</i> , 2015, 246, 1-19.	3.5	545
4	The Triple Helix, Quadruple Helix, and an N-Tuple of Helices: Explanatory Models for Analyzing the Knowledge-Based Economy?. <i>Journal of the Knowledge Economy</i> , 2012, 3, 25-35.	2.7	522
5	The emergence of China as a leading nation in science. <i>Research Policy</i> , 2006, 35, 83-104.	3.3	417
6	Betweenness centrality as an indicator of the interdisciplinarity of scientific journals. <i>Journal of the Association for Information Science and Technology</i> , 2007, 58, 1303-1319.	2.6	412
7	How journal rankings can suppress interdisciplinary research: A comparison between <i>Innovation Studies and Business & Management</i> . <i>Research Policy</i> , 2012, 41, 1262-1282.	3.3	406
8	Regional Development in the Knowledge-Based Economy: The Construction of Advantage. <i>Journal of Technology Transfer</i> , 2006, 31, 5-15.	2.5	399
9	A global map of science based on the ISI subject categories. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 348-362.	2.6	386
10	Patterns of connections and movements in dual-map overlays: A new method of publication portfolio analysis. <i>Journal of the Association for Information Science and Technology</i> , 2014, 65, 334-351.	1.5	348
11	The Triple-Helix Model of Smart Cities: A Neo-Evolutionary Perspective. <i>Journal of Urban Technology</i> , 2011, 18, 53-63.	2.5	311
12	Science overlay maps: A new tool for research policy and library management. <i>Journal of the Association for Information Science and Technology</i> , 2010, 61, 1871-1887.	2.6	309
13	The triple helix: an evolutionary model of innovations. <i>Research Policy</i> , 2000, 29, 243-255.	3.3	295
14	Betweenness centrality as a driver of preferential attachment in the evolution of research collaboration networks. <i>Journal of Informetrics</i> , 2012, 6, 403-412.	1.4	284
15	Theories of citation?. <i>Scientometrics</i> , 1998, 43, 5-25.	1.6	277
16	Luhmann, Habermas and the theory of communication. <i>Systems Research and Behavioral Science</i> , 2000, 17, 273-288.	0.9	276
17	International collaboration in science and the formation of a core group. <i>Journal of Informetrics</i> , 2008, 2, 317-325.	1.4	273
18	Triple Helix indicators of knowledge-based innovation systems. <i>Research Policy</i> , 2006, 35, 1441-1449.	3.3	271

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19	Co-occurrence matrices and their applications in information science: Extending ACA to the Web environment. <i>Journal of the Association for Information Science and Technology</i> , 2006, 57, 1616-1628.	2.6	265
20	Global maps of science based on the new Web-of-Science categories. <i>Scientometrics</i> , 2013, 94, 589-593.	1.6	209
21	Indicators of the interdisciplinarity of journals: Diversity, centrality, and citations. <i>Journal of Informetrics</i> , 2011, 5, 87-100.	1.4	201
22	The Continuing Growth of Global Cooperation Networks in Research: A Conundrum for National Governments. <i>PLoS ONE</i> , 2015, 10, e0131816.	1.1	192
23	Measuring the knowledge base of regional innovation systems in Germany in terms of a Triple Helix dynamics. <i>Research Policy</i> , 2006, 35, 1538-1553.	3.3	189
24	Longitudinal trends in networks of university–industry–government relations in South Korea: The role of programmatic incentives. <i>Research Policy</i> , 2010, 39, 640-649.	3.3	181
25	The Triple Helix of university-industry-government relations. <i>Scientometrics</i> , 2003, 58, 191-203.	1.6	168
26	<i>Caveats</i> for the use of citation indicators in research and journal evaluations. <i>Journal of the Association for Information Science and Technology</i> , 2008, 59, 278-287.	2.6	163
27	Scientometrics in a changing research landscape. <i>EMBO Reports</i> , 2014, 15, 1228-1232.	2.0	158
28	Mapping the network of global science: comparing international co-authorships from 1990 to 2000. <i>International Journal of Technology and Globalisation</i> , 2005, 1, 185.	0.1	157
29	On the normalization and visualization of author co-citation data: Salton's Cosine <i>versus</i> the Jaccard index. <i>Journal of the Association for Information Science and Technology</i> , 2008, 59, 77-85.	2.6	156
30	Main–path analysis and path-dependent transitions in HistCite–based historiograms. <i>Journal of the Association for Information Science and Technology</i> , 2008, 59, 1948-1962.	2.6	156
31	Title is missing!. <i>Scientometrics</i> , 2003, 58, 445-467.	1.6	153
32	Measuring the knowledge base of an economy in terms of triple-helix relations among technology, organization, and territory™. <i>Research Policy</i> , 2006, 35, 181-199.	3.3	149
33	Various methods for the mapping of science. <i>Scientometrics</i> , 1987, 11, 295-324.	1.6	146
34	How are new citation-based journal indicators adding to the bibliometric toolbox?. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 1327-1336.	2.6	146
35	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
36	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

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37	Interactive overlay maps for US patent (USPTO) data based on International Patent Classification (IPC). <i>Scientometrics</i> , 2014, 98, 1583-1599.	1.6	142
38	Detecting the historical roots of research fields by reference publication year spectroscopy (<sc>RPYS</sc>). <i>Journal of the Association for Information Science and Technology</i> , 2014, 65, 751-764.	1.5	142
39	Is the United States losing ground in science? A global perspective on the world science system. <i>Scientometrics</i> , 2009, 78, 23-36.	1.6	140
40	Caveats for the journal and field normalizations in the CWTS (â€œLeidenâ€) evaluations of research performance. <i>Journal of Informetrics</i> , 2010, 4, 423-430.	1.4	138
41	Contentâ€based and algorithmic classifications of journals: Perspectives on the dynamics of scientific communication and indexer effects. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 1823-1835.	2.6	132
42	Can scientific journals be classified in terms of aggregated journal-journal citation relations using the Journal Citation Reports?. <i>Journal of the Association for Information Science and Technology</i> , 2006, 57, 601-613.	2.6	127
43	National and international dimensions of the Triple Helix in Japan: Universityâ€industryâ€government versus international coauthorship relations. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 778-788.	2.6	124
44	Why words and co-words cannot map the development of the sciences. <i>Journal of the Association for Information Science and Technology</i> , 1997, 48, 418-427.	1.2	122
45	The relation between Pearson's correlation coefficient r and Salton's cosine measure. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 1027-1036.	2.6	122
46	Are the contributions of China and Korea upsetting the world system of science?. <i>Scientometrics</i> , 2005, 63, 617-630.	1.6	121
47	Scopus's source normalized impact per paper (SNIP) versus a journal impact factor based on fractional counting of citations. <i>Journal of the Association for Information Science and Technology</i> , 2010, 61, 2365-2369.	2.6	121
48	The new Excellence Indicator in the World Report of the SCImago Institutions Rankings 2011. <i>Journal of Informetrics</i> , 2012, 6, 333-335.	1.4	119
49	Integrated impact indicators compared with impact factors: An alternative research design with policy implications. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 2133-2146.	2.6	116
50	Rotational symmetry and the transformation of innovation systems in a Triple Helix of universityâ€industryâ€government relations. <i>Technological Forecasting and Social Change</i> , 2014, 86, 143-156.	6.2	111
51	The Future Location of Research and Technology Transfer. , 1999, 24, 111-123.		110
52	Growth of international collaboration in science: revisiting six specialties. <i>Scientometrics</i> , 2017, 110, 1633-1652.	1.6	108
53	A comparison of the knowledge-based innovation systems in the economies of South Korea and the Netherlands using Triple Helix indicators. <i>Scientometrics</i> , 2005, 65, 3-27.	1.6	107
54	The knowledgeâ€based economy and the triple helix model. <i>Annual Review of Information Science & Technology</i> , 2010, 44, 365-417.	2.6	107

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55	Regional Innovation Systems in Hungary: The Failing Synergy at the National Level. <i>Regional Studies</i> , 2011, 45, 677-693.	2.5	107
56	Conference report: Can "the public" be considered as a fourth helix in university-industry-government relations? Report on the Fourth Triple Helix Conference, 2002. <i>Science and Public Policy</i> , 2003, 30, 55-61.	1.2	104
57	International collaboration clusters in Africa. <i>Scientometrics</i> , 2014, 98, 547-556.	1.6	103
58	The semantic mapping of words and co-words in contexts. <i>Journal of Informetrics</i> , 2011, 5, 469-475.	1.4	102
59	The decline of university patenting and the end of the Bayh-Dole effect. <i>Scientometrics</i> , 2010, 83, 355-362.	1.6	101
60	Professional and citizen bibliometrics: complementarities and ambivalences in the development and use of indicators—a state-of-the-art report. <i>Scientometrics</i> , 2016, 109, 2129-2150.	1.6	101
61	The delineation of specialties in terms of journals using the dynamic journal set of the SCI. <i>Scientometrics</i> , 1993, 26, 135-156.	1.6	98
62	Metaphors and Diaphors in Science Communication. <i>Science Communication</i> , 2005, 27, 64-99.	1.8	97
63	Interactive overlays: A new method for generating global journal maps from Web-of-Science data. <i>Journal of Informetrics</i> , 2012, 6, 318-332.	1.4	97
64	"Open innovation" and "triple helix" models of innovation: can synergy in innovation systems be measured?. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , 2016, 2, 1-12.	2.6	97
65	Measuring the meaning of words in contexts: An automated analysis of controversies about 'Monarch butterflies,' 'Frankenfoods,' and 'stem cells'. <i>Scientometrics</i> , 2006, 67, 231-258.	1.6	96
66	Macro-level indicators of the relations between research funding and research output. <i>Journal of Informetrics</i> , 2009, 3, 353-362.	1.4	96
67	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
68	Similarity measures, author cocitation analysis, and information theory. <i>Journal of the Association for Information Science and Technology</i> , 2005, 56, 769-772.	2.6	93
69	The triple helix perspective of innovation systems. <i>Technology Analysis and Strategic Management</i> , 2010, 22, 789-804.	2.0	92
70	Interactive overlays of journals and the measurement of interdisciplinarity on the basis of aggregated journal—journal citations. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 2573-2586.	2.6	92
71	Dimensions of Citation Analysis. <i>Science Technology and Human Values</i> , 1990, 15, 305-335.	1.7	89
72	Dynamic animations of journal maps: Indicators of structural changes and interdisciplinary developments. <i>Journal of the Association for Information Science and Technology</i> , 2008, 59, 1810-1818.	2.6	89

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73	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
74	Has globalization strengthened South Korea's national research system? National and international dynamics of the Triple Helix of scientific co-authorship relationships in South Korea. <i>Scientometrics</i> , 2012, 90, 163-176.	1.6	89
75	Nanotechnology as a field of science: Its delineation in terms of journals and patents. <i>Scientometrics</i> , 2007, 70, 693-713.	1.6	88
76	The university-industry knowledge relationship: Analyzing patents and the science base of technologies. <i>Journal of the Association for Information Science and Technology</i> , 2004, 55, 991-1001.	2.6	87
77	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
78	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
79	Lock-in and break-out from technological trajectories: Modeling and policy implications. <i>Technological Forecasting and Social Change</i> , 2009, 76, 932-941.	6.2	85
80	Decomposing social and semantic networks in emerging "big data" research. <i>Journal of Informetrics</i> , 2013, 7, 756-765.	1.4	85
81	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
82	Scaling trajectories in civil aircraft (1913-1997). <i>Research Policy</i> , 2000, 29, 331-348.	3.3	84
83	Is Inequality Among Universities Increasing? Gini Coefficients and the Elusive Rise of Elite Universities. <i>Minerva</i> , 2010, 48, 55-72.	1.4	82
84	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
85	The development of frames of references. <i>Scientometrics</i> , 1986, 9, 103-125.	1.6	81
86	Mapping change in scientific specialties: A scientometric reconstruction of the development of artificial intelligence. <i>Journal of the Association for Information Science and Technology</i> , 1996, 47, 415-436.	1.2	80
87	The static and dynamic analysis of network data using information theory. <i>Social Networks</i> , 1991, 13, 301-345.	1.3	79
88	Normalization at the field level: Fractional counting of citations. <i>Journal of Informetrics</i> , 2010, 4, 644-646.	1.4	79
89	Tracking areas of strategic importance using scientometric journal mappings. <i>Research Policy</i> , 1994, 23, 217-229.	3.3	77
90	Past performance, peer review and project selection: a case study in the social and behavioral sciences. <i>Research Evaluation</i> , 2009, 18, 273-288.	1.3	77

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91	Clusters and maps of science journals based on bi-connected graphs in Journal Citation Reports. Journal of Documentation, 2004, 60, 371-427.	0.9	76
92	How to improve the prediction based on citation impact percentiles for years shortly after the publication date?. Journal of Informetrics, 2014, 8, 175-180.	1.4	76
93	A triple helix model of medical innovation: Supply, demand, and technological capabilities in terms of Medical Subject Headings. Research Policy, 2016, 45, 666-681.	3.3	76
94	International collaboration in science: the global map and the network. Profesional De La Informacion, 2013, 22, 87-95.	2.7	76
95	Science shops: a kaleidoscope of science-society collaborations in Europe. Public Understanding of Science, 2005, 14, 353-372.	1.6	75
96	Patent classifications as indicators of intellectual organization. Journal of the Association for Information Science and Technology, 2008, 59, 1582-1597.	2.6	75
97	Do Scientific Advancements Lean on the Shoulders of Giants? A Bibliometric Investigation of the Ortega Hypothesis. PLoS ONE, 2010, 5, e13327.	1.1	75
98	How have the Eastern European countries of the former Warsaw Pact developed since 1990? A bibliometric study. Scientometrics, 2015, 102, 1101-1117.	1.6	75
99	The European Union, China, and the United States in the top-1% and top-10% layers of most-frequently cited publications: Competition and collaborations. Journal of Informetrics, 2014, 8, 606-617.	1.4	74
100	Implicit media frames: Automated analysis of public debate on artificial sweeteners. Public Understanding of Science, 2010, 19, 590-608.	1.6	73
101	Mapping excellence in the geography of science: An approach based on Scopus data. Journal of Informetrics, 2011, 5, 537-546.	1.4	73
102	Local emergence and global diffusion of research technologies: An exploration of patterns of network formation. Journal of the Association for Information Science and Technology, 2011, 62, 846-860.	2.6	73
103	Citations: Indicators of significance?. Scientometrics, 1989, 15, 449-471.	1.6	72
104	Where is synergy indicated in the Norwegian innovation system? Triple-Helix relations among technology, organization, and geography. Technological Forecasting and Social Change, 2013, 80, 471-484.	6.2	72
105	Top-down decomposition of the Journal Citation Report of the Social Science Citation Index: Graph- and factor-analytical approaches. Scientometrics, 2004, 60, 159-180.	1.6	70
106	Bibliometric perspectives on medical innovation using the medical subject Headings of <sc>P</sc>ub<sc>M</sc>ed. Journal of the Association for Information Science and Technology, 2012, 63, 2239-2253.	2.6	67
107	Alternatives to the journal impact factor: I3 and the top-10% (or top-25%) of the most-highly cited papers. Scientometrics, 2012, 92, 355-365.	1.6	67
108	Co-word maps and topic modeling: A comparison using small and medium-sized corpora (<i>N</i>^{1,000}). Journal of the Association for Information Science and Technology, 2017, 68, 1024-1035.	1.5	67

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109	Visualization of the citation impact environments of scientific journals: An online mapping exercise. <i>Journal of the Association for Information Science and Technology</i> , 2007, 58, 25-38.	2.6	64
110	How to evaluate universities in terms of their relative citation impacts: Fractional counting of citations and the normalization of differences among disciplines. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 1146-1155.	2.6	64
111	Betweenness and diversity in journal citation networks as measures of interdisciplinarityâ€”A tribute to Eugene Garfield. <i>Scientometrics</i> , 2018, 114, 567-592.	1.6	64
112	Mapping interdisciplinarity at the interfaces between the Science Citation Index and the Social Science Citation Index. <i>Scientometrics</i> , 2007, 71, 391-405.	1.6	62
113	Which cities produce more excellent papers than can be expected? A new mapping approach, using Google Maps, based on statistical significance testing. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 1954-1962.	2.6	61
114	Scientometrics and communication theory: Towards theoretically informed indicators. <i>Scientometrics</i> , 1997, 38, 155-174.	1.6	59
115	A meta-evaluation of scientific research proposals: Different ways of comparing rejected to awarded applications. <i>Journal of Informetrics</i> , 2010, 4, 211-220.	1.4	59
116	Knowledge linkage structures in communication studies using citation analysis among communication journals. <i>Scientometrics</i> , 2009, 81, 157-175.	1.6	58
117	The structure of the Arts & Humanities Citation Index: A mapping on the basis of aggregated citations among 1,157 journals. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 2414-2426.	2.6	58
118	A bird's-eye view of scientific trading: Dependency relations among fields of science. <i>Journal of Informetrics</i> , 2013, 7, 249-264.	1.4	58
119	Strategic intelligence on emerging technologies: Scientometric overlay mapping. <i>Journal of the Association for Information Science and Technology</i> , 2017, 68, 214-233.	1.5	58
120	Mutual redundancies in interhuman communication systems: Steps toward a calculus of processing meaning. <i>Journal of the Association for Information Science and Technology</i> , 2014, 65, 386-399.	1.5	57
121	A routine for measuring synergy in universityâ€”industryâ€”government relations: mutual information as a Triple-Helix and Quadruple-Helix indicator. <i>Scientometrics</i> , 2014, 99, 27-35.	1.6	56
122	Citations: Indicators of Quality? The Impact Fallacy. <i>Frontiers in Research Metrics and Analytics</i> , 2016, 1, .	0.9	56
123	Journal maps on the basis of <i>Scopus</i> data: A comparison with the <i>Journal Citation Reports</i> of the ISI. <i>Journal of the Association for Information Science and Technology</i> , 2010, 61, 352-369.	2.6	55
124	Mapping (<sc>USPTO</sc>) patent data using overlays to <sc>G</sc>oogle <sc>M</sc>aps. <i>Journal of the Association for Information Science and Technology</i> , 2012, 63, 1442-1458.	2.6	55
125	<i>Scientometrics</i> . , 2015, , 322-327.		55
126	The <sc>S</sc>wedish system of innovation: Regional synergies in a knowledgeâ€”based economy. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 1890-1902.	2.6	54

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127	The delineation of an interdisciplinary specialty in terms of a journal set: The case of communication studies. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 1709-1718.	2.6	53
128	Scientific Communication and Cognitive Codification. <i>European Journal of Social Theory</i> , 2007, 10, 375-388.	1.6	52
129	The scientometrics of a Triple Helix of university-industry-government relations (Introduction to the) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	1.6	52
130	Information metrics (iMetrics): a research specialty with a socio-cognitive identity?. <i>Scientometrics</i> , 2013, 95, 141-157.	1.6	52
131	Patents as instruments for exploring innovation dynamics: geographic and technological perspectives on "photovoltaic cells". <i>Scientometrics</i> , 2015, 102, 629-651.	1.6	52
132	Economic and technological complexity: A model study of indicators of knowledge-based innovation systems. <i>Technological Forecasting and Social Change</i> , 2017, 120, 77-89.	6.2	52
133	A Triple Helix of University "Industry" Government Relations. <i>Industry and Higher Education</i> , 1998, 12, 197-201.	1.4	51
134	Turning to ontology in STS? Turning to STS through "ontology"™. <i>Social Studies of Science</i> , 2013, 43, 341-362.	1.5	51
135	Has Price's dream come true: Is scientometrics a hard science?. <i>Scientometrics</i> , 1994, 31, 193-222.	1.6	50
136	The relations between qualitative theory and scientometric methods in science and technology studies. <i>Scientometrics</i> , 1989, 15, 333-347.	1.6	48
137	Classification and powerlaws: The logarithmic transformation. <i>Journal of the Association for Information Science and Technology</i> , 2006, 57, 1470-1486.	2.6	48
138	The Triple Helix of university "industry" government relations at the country level and its dynamic evolution under the pressures of globalization. <i>Journal of the Association for Information Science and Technology</i> , 2013, 64, 2317-2325.	2.6	48
139	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
140	Measuring triple "helix synergy in the Russian innovation systems at regional, provincial, and national levels. <i>Journal of the Association for Information Science and Technology</i> , 2015, 66, 1229-1238.	1.5	47
141	Group-based trajectory modeling (GBTM) of citations in scholarly literature: Dynamic qualities of "transient" and "sticky knowledge claims". <i>Journal of the Association for Information Science and Technology</i> , 2014, 65, 797-811.	1.5	46
142	Interdisciplinarity at the journal and specialty level: The changing knowledge bases of the journal "cognitive science". <i>Journal of the Association for Information Science and Technology</i> , 2014, 65, 164-177.	1.5	46
143	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
144	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

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145	Synergy in Knowledge-Based Innovation Systems at National and Regional Levels: The Triple-Helix Model and the Fourth Industrial Revolution. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , 2018, 4, 16.	2.6	45
146	The Import and Export of Cognitive Science. <i>Cognitive Science</i> , 2006, 30, 983-993.	0.8	44
147	The Triple Helix in the context of global change: dynamics and challenges. <i>Prometheus</i> , 2014, 32, .	0.2	44
148	The delineation of nanoscience and nanotechnology in terms of journals and patents: A most recent update. <i>Scientometrics</i> , 2008, 76, 159-167.	1.6	43
149	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
150	The normalization of co-authorship networks in the bibliometric evaluation: the government stimulation programs of China and Korea. <i>Scientometrics</i> , 2016, 109, 1017-1036.	1.6	43
151	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
152	A simulation model of the Triple Helix of university–industry–government relations and the decomposition of the redundancy. <i>Scientometrics</i> , 2014, 99, 927-948.	1.6	42
153	“Structure” and “Action” Contingencies and the Model of Parallel Distributed Processing. <i>Journal for the Theory of Social Behaviour</i> , 1993, 23, 47-77.	0.8	41
154	Mapping the geography of science: Distribution patterns and networks of relations among cities and institutes. <i>Journal of the Association for Information Science and Technology</i> , 2010, 61, 1622-1634.	2.6	41
155	Remaining problems with the “New Crown Indicator” (MNCS) of the CWTS. <i>Journal of Informetrics</i> , 2011, 5, 224-225.	1.4	40
156	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
157	Definition and identification of journals as bibliographic and subject entities: Librarianship versus ISI <i>Journal Citation Reports</i> methods and their effect on citation measures. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 1097-1117.	2.6	39
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