

# Loet Leydesdorff

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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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.

434  
papers

20,571  
citations

69  
h-index

130  
g-index

485  
ext. papers

23,844  
ext. citations

2.7  
avg, IF

7.76  
L-index

#	Paper	IF	Citations
434	Bibliometrics/Scientometrics <b>2022</b> , 72-75		
433	A discussion of measuring the top-1% most-highly cited publications: quality and impact of Chinese papers. <i>Scientometrics</i> , <b>2022</b> , 127, 1825-1839	3	0
432	Triple, Quadruple, and Higher-Order Helices: Historical Phenomena and (Neo-)Evolutionary Models. <i>Triple Helix</i> , <b>2022</b> , 9, 6-31	1.4	3
431	Redundancies in the communication of music: An operationalization of Schutz's Making Music Together. <i>Systems Research and Behavioral Science</i> , <b>2021</b> , 38, 923-939	1.8	0
430	Are University Rankings Statistically Significant? A Comparison among Chinese Universities and with the USA. <i>Journal of Data and Information Science</i> , <b>2021</b> ,	1.2	1
429	Improved clusterings and visualizations of 11,359 journals in the JCRs 2015. <i>Scientometrics</i> , <b>2021</b> , 126, 5353-5354	3	
428	Which are the influential publications in the Web of Science subject categories over a long period of time? CRExplorer software used for big-data analyses in bibliometrics. <i>Journal of Information Science</i> , <b>2021</b> , 47, 419-428	2	2
427	The Communication Turn in Philosophy of Science. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 39-50		
426	Scientific Communication and Codification. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 51-65		
425	Cultural and Biological Evolution. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 195-208		
424	Subdynamics in Knowledge-Based Systems. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 175-193		
423	The Measurement of Synergy. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 135-146		0
422	Knowledge-Based Innovations and Social Coordination. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 1-35		
421	Anticipation and the Dynamics of Expectations. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 149-173		
420	Disruption indices and their calculation using web-of-science data: Indicators of historical developments or evolutionary dynamics?. <i>Journal of Informetrics</i> , <b>2021</b> , 15, 101219	3.1	2
419	Regions, Innovations, and the North-South Divide in Italy. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 115-134		0
418	Towards a Calculus of Redundancy. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 67-86		

417	Evolutionary and Institutional Triple Helix Models. <i>Qualitative and Quantitative Analysis of Scientific and Scholarly Communication</i> , <b>2021</b> , 89-113		
416	The measurement of Interdisciplinarity and Synergy in scientific and extra-scientific collaborations. <i>Journal of the Association for Information Science and Technology</i> , <b>2021</b> , 72, 387-402	2.7	13
415	The evolutionary dynamics of expectations: Interactions among codes in inter-human communications. <i>BioSystems</i> , <b>2020</b> , 198, 104236	1.9	1
414	Interdisciplinarity and Synergy in the Ővre of Judit Bar-Ilan. <i>Scientometrics</i> , <b>2020</b> , 123, 1247-1260	3	0
413	Eco-system mapping of techno-science linkages at the level of scholarly journals and fields. <i>Scientometrics</i> , <b>2020</b> , 124, 2037-2055	3	2
412	Historical roots of Judit Bar-Ilanŕ research: a cited-references analysis using CRExplorer. <i>Scientometrics</i> , <b>2020</b> , 123, 1193-1200	3	1
411	Library and Information Science Papers Discussed on Twitter: A new Network-based Approach for Measuring Public Attention. <i>Journal of Data and Information Science</i> , <b>2020</b> , 5, 5-17	1.2	9
410	Within-journal self-citations and the Pinski-Narin influence weights. <i>Journal of Informetrics</i> , <b>2020</b> , 14, 100989	3.1	
409	N-mode network approach for socio-semantic analysis of scientific publications. <i>Poetics</i> , <b>2020</b> , 78, 101427.8		5
408	Bridging the divide between qualitative and quantitative science studies. <i>Quantitative Science Studies</i> , <b>2020</b> , 1, 918-926	3.8	7
407	On measuring complexity in a post-industrial economy: the ecosystemŕ approach. <i>Quality and Quantity</i> , <b>2020</b> , 54, 197-212	2.4	6
406	Automated analysis of actorŕopic networks on twitter: New approaches to the analysis of socio-semantic networks. <i>Journal of the Association for Information Science and Technology</i> , <b>2020</b> , 71, 3-15	2.7	23
405	Does the hŕindex reinforce the Matthew effect in science? The introduction of agent-based simulations into scientometrics. <i>Quantitative Science Studies</i> , <b>2020</b> , 1, 331-346	3.8	5
404	Innovation systems in Mŕxico: A matter of missing synergies. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 148, 119721	9.5	12
403	Interdisciplinarity as diversity in citation patterns among journals: Rao-Stirling diversity, relative variety, and the Gini coefficient. <i>Journal of Informetrics</i> , <b>2019</b> , 13, 255-269	3.1	46
402	Statistical significance and effect sizes of differences among research universities at the level of nations and worldwide based on the leiden rankings. <i>Journal of the Association for Information Science and Technology</i> , <b>2019</b> , 70, 509-525	2.7	4
401	Synergy in the knowledge base of U.S. innovation systems at national, state, and regional levels: The contributions of high-tech manufacturing and knowledge-intensive services. <i>Journal of the Association for Information Science and Technology</i> , <b>2019</b> , 70, 1108-1123	2.7	13
400	Open coepetition: when multiple players and rivals team up. <i>Journal of Business Strategy</i> , <b>2019</b> , 41, 31-38.1		1

399	The integrated impact indicator revisited (I3*): a non-parametric alternative to the journal impact factor. <i>Scientometrics</i> , <b>2019</b> , 119, 1669-1694	3	11
398	Diversity measurement: Steps towards the measurement of interdisciplinarity?. <i>Journal of Informetrics</i> , <b>2019</b> , 13, 904-905	3.1	9
397	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> , <b>2019</b> , 13, 695-707 <sup>3.1</sup>	3.1	27
396	How well does I3 perform for impact measurement compared to other bibliometric indicators? The convergent validity of several (field-normalized) indicators. <i>Scientometrics</i> , <b>2019</b> , 119, 1187-1205	3	4
395	Can topic models be used in research evaluations? Reproducibility, validity, and reliability when compared with semantic maps. <i>Research Evaluation</i> , <b>2019</b> , 28, 263-272	1.7	9
394	Regions, innovation systems, and the North-South divide in Italy. <i>Profesional De La Informacion</i> , <b>2019</b> , 28,	3.7	5
393	The Synergy and Cycle Values in Regional Innovation Systems: The Case of Norway. <i>Foresight and STI Governance</i> , <b>2019</b> , 13, 48-61	3.1	2
392	Synergy in Innovation Systems Measured as Redundancy in Triple Helix Relations. <i>Springer Handbooks</i> , <b>2019</b> , 421-443	1.3	7
391	The Relative Influences of Government Funding and International Collaboration on Citation Impact. <i>Journal of the Association for Information Science and Technology</i> , <b>2019</b> , 70, 198-201	2.7	24
390	hEthe scientist as chimpanzee or bonobo. <i>Scientometrics</i> , <b>2019</b> , 118, 1163-1166	3	10
389	AN ECO-SYSTEMS APPROACH TO CONSTRUCTING ECONOMIC COMPLEXITY MEASURES: ENDOGENIZATION OF THE TECHNOLOGICAL DIMENSION USING LOTKA-VOLTERRA EQUATIONS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , <b>2019</b> , 22, 1850023	0.8	6
388	Measuring the expected synergy in Spanish regional and national systems of innovation. <i>Journal of Technology Transfer</i> , <b>2019</b> , 44, 189-209	4.4	18
387	What Is the Effect of Synergy Provided by International Collaborations on Regional Economies?. <i>Journal of the Knowledge Economy</i> , <b>2019</b> , 10, 18-34	1.3	2
386	Reference publication year spectroscopy (RPYS) of Eugene Garfield's publications. <i>Scientometrics</i> , <b>2018</b> , 114, 439-448	3	14
385	Discontinuities in citation relations among journals: self-organized criticality as a model of scientific revolutions and change. <i>Scientometrics</i> , <b>2018</b> , 116, 623-644	3	10
384	Count highly-cited papers instead of papers with citations: use normalized citation counts and compare "like with like"!. <i>Scientometrics</i> , <b>2018</b> , 115, 1119-1123	3	26
383	Betweenness and diversity in journal citation networks as measures of interdisciplinarity-A tribute to Eugene Garfield. <i>Scientometrics</i> , <b>2018</b> , 114, 567-592	3	43
382	The negative effects of citing with a national orientation in terms of recognition: National and international citations in natural-sciences papers from Germany, the Netherlands, and the UK. <i>Journal of Informetrics</i> , <b>2018</b> , 12, 931-949	3.1	10

381	Toward a calculus of redundancy: Signification, codification, and anticipation in cultural evolution. <i>Journal of the Association for Information Science and Technology</i> , <b>2018</b> , 69, 1181-1192	2.7	12
380	Diversity and interdisciplinarity: how can one distinguish and recombine disparity, variety, and balance?. <i>Scientometrics</i> , <b>2018</b> , 116, 2113-2121	3	19
379	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> , <b>2018</b> , 4, 16	3.7	29
378	The geography of references in elite articles: Which countries contribute to the archives of knowledge?. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194805	3.7	12
377	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> , <b>2018</b> , 4, 2	3.7	3
376	Data-Mining the Foundational Patents of Photovoltaic Materials: An Application of Patent Citation Spectroscopy. <i>Journal of Scientometric Research</i> , <b>2018</b> , 7, 79-83	1.9	2
375	Lifting the Markov blankets of socio-cultural evolution: A comment on "Answering Schrödinger's question: A free-energy formulation" by Maxwell James D'Ormeau Ramstead et al. <i>Physics of Life Reviews</i> , <b>2018</b> , 24, 45-46	2.1	4
374	Patent citation spectroscopy (PCS): Online retrieval of landmark patents based on an algorithmic approach. <i>Journal of Informetrics</i> , <b>2018</b> , 12, 1223-1231	3.1	5
373	Patent portfolio analysis of cities: statistics and maps of technological inventiveness. <i>European Planning Studies</i> , <b>2018</b> , 26, 2256-2278	3.2	10
372	Decomposing the Triple-Helix synergy into the regional innovation systems of Norway: firm data and patent networks. <i>Quality and Quantity</i> , <b>2017</b> , 51, 963-988	2.4	11
371	Strategic intelligence on emerging technologies: Scientometric overlay mapping. <i>Journal of the Association for Information Science and Technology</i> , <b>2017</b> , 68, 214-233	2.7	44
370	Can Hot spots in the sciences be mapped using the dynamics of aggregated journal citation Relations?. <i>Journal of the Association for Information Science and Technology</i> , <b>2017</b> , 68, 197-213	2.7	7
369	Growth of international collaboration in science: revisiting six specialties. <i>Scientometrics</i> , <b>2017</b> , 110, 1633-1652	3.6	26
368	Citation algorithms for identifying research milestones driving biomedical innovation. <i>Scientometrics</i> , <b>2017</b> , 110, 1495-1504	3	9
367	Identification of long-term concept-symbols among citations: Do common intellectual histories structure citation behavior?. <i>Journal of the Association for Information Science and Technology</i> , <b>2017</b> , 68, 1224-1233	2.7	2
366	Generating clustered journal maps: an automated system for hierarchical classification. <i>Scientometrics</i> , <b>2017</b> , 110, 1601-1614	3	19
365	Economic and technological complexity: A model study of indicators of knowledge-based innovation systems. <i>Technological Forecasting and Social Change</i> , <b>2017</b> , 120, 77-89	9.5	30
364	Full and fractional counting in bibliometric networks. <i>Journal of Informetrics</i> , <b>2017</b> , 11, 117-120	3.1	17

363	Heterogeneity in an undirected network: Definition and measurement. <i>Journal of Informetrics</i> , <b>2017</b> , 11, 669-682	3.1	5
362	Self-organization of meaning and the reflexive communication of information. <i>Social Science Information</i> , <b>2017</b> , 56, 4-27	0.6	16
361	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> , <b>2017</b> , 11, 164-175	3.1	36
360	Co-word maps and topic modeling: A comparison using small and medium-sized corpora (N . <i>Journal of the Association for Information Science and Technology</i> , <b>2017</b> , 68, 1024-1035	2.7	42
359	The Measurement of Synergy in Innovation Systems: Redundancy Generation in a Triple Helix of University-Industry-Government Relations. <i>SSRN Electronic Journal</i> , <b>2017</b> ,	1	5
358	Visualization of Disciplinary Profiles: Enhanced Science Overlay Maps. <i>Journal of Data and Information Science</i> , <b>2017</b> , 2, 68-111	1.2	23
357	Mapping patent classifications: portfolio and statistical analysis, and the comparison of strengths and weaknesses. <i>Scientometrics</i> , <b>2017</b> , 112, 1573-1591	3	25
356	h-based I3-type multivariate vectors: multidimensional indicators of publication and citation scores. <i>Collnet Journal of Scientometrics and Information Management</i> , <b>2017</b> , 11, 153-171	0.5	4
355	The Power-weakness Ratios (PWR) as a Journal Indicator: Testing the "Tournaments" Metaphor in Citation Impact Studies. <i>Journal of Data and Information Science</i> , <b>2017</b> , 1, 6-26	1.2	3
354	Further steps in integrating the platforms of WoS and Scopus: Historiography with HistCite and main-path analysis. <i>Profesional De La Informacion</i> , <b>2017</b> , 26, 662	3.7	6
353	The positive side of discursive disagreements in the social sciences. <i>Journal of Informetrics</i> , <b>2017</b> , 11, 1043	3.1	1
352	The normalization of co-authorship networks in the bibliometric evaluation: the government stimulation programs of China and Korea. <i>Scientometrics</i> , <b>2016</b> , 109, 1017-1036	3	33
351	Professional and citizen bibliometrics: complementarities and ambivalences in the development and use of indicators-a state-of-the-art report. <i>Scientometrics</i> , <b>2016</b> , 109, 2129-2150	3	73
350	Construction of a pragmatic base line for journal classifications and maps based on aggregated journal-journal citation relations. <i>Journal of Informetrics</i> , <b>2016</b> , 10, 902-918	3.1	12
349	Globalization and growth of US university patenting (2009-2014). <i>Industry and Higher Education</i> , <b>2016</b> , 30, 257-266	1.3	5
348	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> , <b>2016</b> , 2,	3.7	68
347	Journal portfolio analysis for countries, cities, and organizations: Maps and comparisons. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 741-748	2.7	12
346	Highly cited papers in Library and Information Science (LIS): Authors, institutions, and network structures. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 3095-3100	2.7	15

345	Replicability and the public/private divide. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 1777-1778	2.7	2
344	The normalization of occurrence and Co-occurrence matrices in bibliometrics using Cosine similarities and Ochiai coefficients. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 2805-2814	2.7	22
343	Identifying seminal works most important for research fields: Software for the Reference Publication Year Spectroscopy (RPYS). <i>Collnet Journal of Scientometrics and Information Management</i> , <b>2016</b> , 10, 125-140	0.5	2
342	Aggregated journal citation relations in scopus and web of science matched and compared in terms of networks, maps, and interactive overlays. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 2194-2211	2.7	19
341	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> , <b>2016</b> , 67, 707-714	2.7	68
340	RPYS i/o: software demonstration of a web-based tool for the historiography and visualization of citation classics, sleeping beauties and research fronts. <i>Scientometrics</i> , <b>2016</b> , 107, 1509-1517	3	18
339	Information, Meaning, and Intellectual Organization in Networks of Inter-Human Communication <b>2016</b> , 280-303		1
338	A triple helix model of medical innovation: Supply, demand, and technological capabilities in terms of Medical Subject Headings. <i>Research Policy</i> , <b>2016</b> , 45, 666-681	7.5	56
337	University-Industry Collaboration in China and the USA: A Bibliometric Comparison. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165277	3.7	15
336	Regional and global science: Publications from Latin America and the Caribbean in the SciELO Citation Index and the Web of Science. <i>Profesional De La Informacion</i> , <b>2016</b> , 25, 35	3.7	24
335	A Triple Helix Model of Medical Innovation: Supply, Demand, and Technological Capabilities in Terms of Medical Subject Headings. <i>SSRN Electronic Journal</i> , <b>2016</b> ,	1	3
334	Citations: Indicators of Quality? The Impact Fallacy. <i>Frontiers in Research Metrics and Analytics</i> , <b>2016</b> , 1,	1.3	34
333	A Comparative Study of the Citation Impact of Chinese Journals with Government Priority Support. <i>Frontiers in Research Metrics and Analytics</i> , <b>2016</b> , 1,	1.3	2
332	The construction of interdisciplinarity: The development of the knowledge base and programmatic focus of the journal Climatic Change, 1977-2013. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 2181-2193	2.7	9
331	New features of CitedReferencesExplorer (CRExplorer). <i>Scientometrics</i> , <b>2016</b> , 109, 2049-2051	3	17
330	Introducing CitedReferencesExplorer (CRExplorer): A program for reference publication year spectroscopy with cited references standardization. <i>Journal of Informetrics</i> , <b>2016</b> , 10, 503-515	3.1	61
329	Measuring the match between evaluators and evaluatees: cognitive distances between panel members and research groups at the journal level. <i>Scientometrics</i> , <b>2016</b> , 109, 1639-1663	3	4
328	Cited references and Medical Subject Headings (MeSH) as two different knowledge representations: clustering and mappings at the paper level. <i>Scientometrics</i> , <b>2016</b> , 109, 2077-2091	3	11

327	Journal maps, interactive overlays, and the measurement of interdisciplinarity on the basis of Scopus data (1996-2012). <i>Journal of the Association for Information Science and Technology</i> , <b>2015</b> , 66, 1001-1016	2.7	27
326	Response to Stephen Holgate. <i>EMBO Reports</i> , <b>2015</b> , 16, 262	6.5	
325	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> , <b>2015</b> , 66, 1229-1238	2.7	35
324	BRICS countries and scientific excellence: A bibliometric analysis of most frequently cited papers. <i>Journal of the Association for Information Science and Technology</i> , <b>2015</b> , 66, 1507-1513	2.7	59
323	Does quality and content matter for citedness? A comparison with para-textual factors and over time. <i>Journal of Informetrics</i> , <b>2015</b> , 9, 419-429	3.1	27
322	A review of theory and practice in scientometrics. <i>European Journal of Operational Research</i> , <b>2015</b> , 246, 1-19	5.6	313
321	Identifying research fields within business and management: a journal cross-citation analysis. <i>Journal of the Operational Research Society</i> , <b>2015</b> , 66, 1370-1384	2	11
320	The dynamics of triads in aggregated journal-journal citation relations: Specialty developments at the above-journal level. <i>Journal of Informetrics</i> , <b>2015</b> , 9, 542-554	3.1	7
319	Matching Medline/PubMed data with Web of Science: A routine in R language. <i>Journal of the Association for Information Science and Technology</i> , <b>2015</b> , 66, 2155-2159	2.7	10
318	Challenges for regional innovation policies in Central and Eastern Europe: Spatial concentration and foreign control of US patenting. <i>Science and Public Policy</i> , <b>2015</b> , 42, 1-14	1.8	22
317	How have the Eastern European countries of the former Warsaw Pact developed since 1990? A bibliometric study. <i>Scientometrics</i> , <b>2015</b> , 102, 1101-1117	3	53
316	Patents as instruments for exploring innovation dynamics: geographic and technological perspectives on photovoltaic cells. <i>Scientometrics</i> , <b>2015</b> , 102, 629-651	3	38
315	Topical connections between the institutions within an organisation (institutional co-authorships, direct citation links and co-citations). <i>Scientometrics</i> , <b>2015</b> , 102, 455-463	3	12
314	The dynamics of journal-journal citation relations: Can hot spots in the sciences be mapped?. <i>Proceedings of the Association for Information Science and Technology</i> , <b>2015</b> , 52, 1-4	0.4	1
313	Recent Developments in China-U.S. Cooperation in Science. <i>Minerva</i> , <b>2015</b> , 53, 199-214	1.9	15
312	Beer's Viable System Model and Luhmann's Communication Theory: Organizations from the Perspective of Meta-Games. <i>Systems Research and Behavioral Science</i> , <b>2015</b> , 32, 266-282	1.8	1
311	The Continuing Growth of Global Cooperation Networks in Research: A Conundrum for National Governments. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131816	3.7	118
310	Quantitative and Qualitative STS: The Intellectual and Practical Contributions of Scientometrics. <i>SSRN Electronic Journal</i> , <b>2015</b> ,	1	3

309	Scientometrics <b>2015</b> , 322-327		24
308	Knowledge-generating efficiency in innovation systems: The acceleration of technological paradigm changes with increasing complexity. <i>Technological Forecasting and Social Change</i> , <b>2015</b> , 96, 254-265	9.5	27
307	Can intellectual processes in the sciences also be simulated? The anticipation and visualization of possible future states. <i>Scientometrics</i> , <b>2015</b> , 105, 2197-2214	3	5
306	Can technology life-cycles be indicated by diversity in patent classifications? The crucial role of variety. <i>Scientometrics</i> , <b>2015</b> , 105, 1441-1451	3	14
305	The Citation Impact of German Sociology Journals: Some Problems with the Use of Scientometric Indicators in Journal and Research Evaluations. <i>Soziale Welt</i> , <b>2015</b> , 66, 193-204	1.4	15
304	A simulation model of the Triple Helix of university-industry-government relations and the decomposition of the redundancy. <i>Scientometrics</i> , <b>2014</b> , 99, 927-948	3	36
303	International coauthorship relations in the Social Sciences Citation Index: Is internationalization leading the Network?. <i>Journal of the Association for Information Science and Technology</i> , <b>2014</b> , 65, 2111-2126	2.7	26
302	Rotational symmetry and the transformation of innovation systems in a Triple Helix of university-industry-government relations. <i>Technological Forecasting and Social Change</i> , <b>2014</b> , 86, 143-156	9.5	69
301	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> , <b>2014</b> , 65, 334-351	2.7	128
300	Mutual redundancies in interhuman communication systems: Steps toward a calculus of processing meaning. <i>Journal of the Association for Information Science and Technology</i> , <b>2014</b> , 65, 386-399	2.7	40
299	Measuring the knowledge-based economy of China in terms of synergy among technological, organizational, and geographic attributes of firms. <i>Scientometrics</i> , <b>2014</b> , 98, 1703-1719	3	26
298	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> , <b>2014</b> , 65, 164-177	2.7	35
297	Scientometrics in a changing research landscape: bibliometrics has become an integral part of research quality evaluation and has been changing the practice of research. <i>EMBO Reports</i> , <b>2014</b> , 15, 1228-32	6.5	88
296	Detecting the historical roots of research fields by reference publication year spectroscopy (RPYS). <i>Journal of the Association for Information Science and Technology</i> , <b>2014</b> , 65, 751-764	2.7	97
295	Referenced Publication Years Spectroscopy applied to iMetrics: Scientometrics, Journal of Informetrics, and a relevant subset of JASIST. <i>Journal of Informetrics</i> , <b>2014</b> , 8, 162-174	3.1	39
294	On the meaningful and non-meaningful use of reference sets in bibliometrics. <i>Journal of Informetrics</i> , <b>2014</b> , 8, 273-275	3.1	4
293	How to improve the prediction based on citation impact percentiles for years shortly after the publication date?. <i>Journal of Informetrics</i> , <b>2014</b> , 8, 175-180	3.1	52
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