

# CITATION REPORT

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Comparative study on methods of detecting research fronts using different types of citation

DOI: 10.1002/asi.20994

Journal of the Association for Information Science and Technology, 2009, 60, 571-580.

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**Version:** 2024-04-23

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#	Paper	IF	Citations
131	Detecting emerging research fronts in regenerative medicine by citation network analysis of scientific publications. <b>2009</b> ,		4
130	Citation network analysis of organic LEDs. <i>Technological Forecasting and Social Change</i> , <b>2009</b> , 76, 1115-1123	9.5	68
129	Early detection of innovations from citation networks. <b>2009</b> ,		2
128	Identifying research themes with weighted direct citation links. <b>2010</b> , 4, 415-422		44
127	Extracting the commercialization gap between science and technology [Case study of a solar cell. <i>Technological Forecasting and Social Change</i> , <b>2010</b> , 77, 1147-1155	9.5	91
126	Co-citation analysis, bibliographic coupling, and direct citation: Which citation approach represents the research front most accurately?. <i>Journal of the Association for Information Science and Technology</i> , <b>2010</b> , 61, 2389-2404		556
125	Creating an academic and technological landscape of service innovation: An analysis of the citation network. <b>2010</b> ,		
124	Science and technology map analysis of a multi-disciplinary field -Case study of aerospace engineering-. <b>2010</b> ,		3
123	Computer-assisted roadmapping: a case study in energy research. <b>2010</b> , 12, 4-15		13
122	Opportunity discovery by assessing the gap between science and technology case study of secondary batteries. <b>2010</b> ,		
121	Detecting emerging research fronts in regenerative medicine by the citation network analysis of scientific publications. <i>Technological Forecasting and Social Change</i> , <b>2011</b> , 78, 274-282	9.5	84
120	Looking across communicative genres: a call for inclusive indicators of interdisciplinarity. <i>Scientometrics</i> , <b>2011</b> , 86, 449-461	3	20
119	Measuring relatedness between communities in a citation network. <i>Journal of the Association for Information Science and Technology</i> , <b>2011</b> , 62, 1360-1369		17
118	Detecting potential technological fronts by comparing scientific papers and patents. <b>2011</b> , 13, 51-60		31
117	Finding linkage between sustainability science and technologies based on citation network analysis. <b>2012</b> ,		4
116	Scientific catch-up process in Asian countries: A case study of solar cell. <b>2012</b> ,		
115	A new methodology for constructing a publication-level classification system of science. <i>Journal of the Association for Information Science and Technology</i> , <b>2012</b> , 63, 2378-2392		290



114	Visualization of research fronts and knowledge bases by three-dimensional areal densities of bibliographically coupled publications and co-citations. <i>Scientometrics</i> , <b>2012</b> , 91, 557-566	3	24
113	Bibliometric analysis of service innovation research: Identifying knowledge domain and global network of knowledge. <i>Technological Forecasting and Social Change</i> , <b>2013</b> , 80, 1085-1093	9.5	42
112	The extraction of community structures from publication networks to support ethnographic observations of field differences in scientific communication. <i>Journal of the Association for Information Science and Technology</i> , <b>2013</b> , 64, 2405-2427		15
111	Evaluations of context-based co-citation searching. <i>Scientometrics</i> , <b>2013</b> , 94, 651-673	3	28
110	A lead for transvaluation of global nuclear energy research and funded projects in Japan. <b>2013</b> , 109, 145-153		5
109	Collective dynamics in knowledge networks: Emerging trends analysis. <b>2013</b> , 7, 425-438		22
108	A concept for inferring frontier research in grant proposals. <i>Scientometrics</i> , <b>2013</b> , 97, 129-148	3	11
107	Comparison of indicators to detect emerging researches using time transition in quasicrystals. <b>2013</b> , ,		1
106	Detecting Research Fronts Using Neural Network Model for Weighted Citation Network Analysis. <b>2014</b> ,		
105	Brazilian bibliometric coauthorship networks. <b>2014</b> , 65, 1424-1445		38
104	Detecting research fronts in OLED field using bibliographic coupling with sliding window. <i>Scientometrics</i> , <b>2014</b> , 98, 1721-1744	3	30
103	Detection method of emerging leading papers using time transition. <i>Scientometrics</i> , <b>2014</b> , 101, 1515-1533	3	16
102	Literature-related discovery: common factors for Parkinson's Disease and Crohn's Disease. <i>Scientometrics</i> , <b>2014</b> , 100, 623-657	3	14
101	Shedding light on a neglected area: a new approach to knowledge creation. <b>2014</b> , 9, 193-204		5
100	Sustainability science: the changing landscape of sustainability research. <b>2014</b> , 9, 431-438		96
99	Finding linkage between technology and social issue: A Literature Based Discovery approach. <b>2014</b> , 32, 160-184		41
98	Detecting research fronts using different types of weighted citation networks. <b>2014</b> , 32, 129-146		35
97	A multilayered analysis of energy security research and the energy supply process. <b>2014</b> , 123, 415-423		38

96	Detecting Research Fronts Using Neural Network Model for Weighted Citation Network Analysis. <b>2015</b> , 23, 753-758		4
95	Visualizing information science: Author direct citation analysis in China and around the world. <b>2015</b> , 9, 208-225		19
94	Charting the evolution of biohydrogen production technology through a patent analysis. <b>2015</b> , 76, 1-10		5
93	Defining the role of cognitive distance in the peer review process with an explorative study of a grant scheme in infection biology. <b>2015</b> , 24, 271-281		15
92	Citation classics published in Knowledge Management journals. Part II: studying research trends and discovering the Google Scholar Effect. <b>2015</b> , 19, 1335-1355		49
91	The boundaries of urban metabolism: Towards a political industrial ecology. <b>2015</b> , 39, 702-728		190
90	Combining the scenario technique with bibliometrics for technology foresight: The case of personalized medicine. <i>Technological Forecasting and Social Change</i> , <b>2015</b> , 98, 137-156	9.5	28
89	The value of indirect ties in citation networks: SNA analysis with OWA operator weights. <b>2015</b> , 314, 135-151		9
88	Clusters and Industrial Districts: Where is the Literature Going? Identifying Emerging Sub-Fields of Research. <b>2015</b> , 23, 1827-1872		47
87	Towards an early-stage identification of emerging topics in science—the usability of bibliometric characteristics. <b>2015</b> , 9, 1018-1033		6
86	A comparative study on detecting research fronts in the organic light-emitting diode (OLED) field using bibliographic coupling and co-citation. <i>Scientometrics</i> , <b>2015</b> , 102, 2041-2057	3	22
85	Assessing the industrial opportunity of academic research with patent relatedness: A case study on polymer electrolyte fuel cells. <i>Technological Forecasting and Social Change</i> , <b>2015</b> , 90, 469-475	9.5	25
84	Detecting structural changes in the nanocarbon domain based on the time distribution of text information of academic papers. <b>2016</b> ,		
83	Application of bibliometrics in analysis of output differences among countries under International Ocean Discovery Program. <i>Scientometrics</i> , <b>2016</b> , 109, 447-462	3	2
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81	Identification of evolutionary characteristics of emerging technologies: The case of smart grid in Japan. <b>2016</b> ,		
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72	Mapping the cognitive structure of astrophysics by infomap clustering of the citation network and topic affinity analysis. <i>Scientometrics</i> , <b>2017</b> , 111, 1033-1051	3	16
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70	Multi-source data fusion study in scientometrics. <i>Scientometrics</i> , <b>2017</b> , 111, 773-792	3	9
69	Generating novel research ideas using computational intelligence: A case study involving fuel cells and ammonia synthesis. <i>Technological Forecasting and Social Change</i> , <b>2017</b> , 120, 41-47	9.5	9
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67	Contextual productivity assessment of authors and journals: a network scientometric approach. <i>Scientometrics</i> , <b>2017</b> , 110, 711-737	3	9
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63	Landscape of Research Areas for Zeolites and Metal-Organic Frameworks Using Computational Classification Based on Citation Networks. <b>2017</b> , 10,		13
62	Disciplinary assessment of scientific content by higher-order citation mining. <b>2017</b> , 54, 383-393		1
61	Simulation-Based Approaches for Design of Smart Energy System: A Review Applying Bibliometric Analysis. <b>2017</b> , 50, 385-396		11

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58	An integrated framework for resilience research: a systematic review based on citation network analysis. <b>2018</b> , 13, 235-254		40
57	Using acknowledgement data to characterize funding organizations by the types of research sponsored: the case of robotics research. <i>Scientometrics</i> , <b>2018</b> , 114, 883-904	3	13
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55	Scientometric Instruments of Research Funding. <i>Scientific and Technical Information Processing</i> , <b>2018</b> , 45, 28-34	0.8	4
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3	Employee well-being and innovativeness: A multi-level conceptual framework based on citation network analysis and data mining techniques. <b>2023</b> , 18, e0280005	1
2	Qualitative social network analysis: studying the field through the bibliographic approach.	0
1	A bibliometric review of grid parity, energy transition and electricity cost research for sustainable development. <b>2023</b> , 9, e15532	0