

CITATION REPORT

List of articles citing

Recognition of emerging technology trends:
class-selective study of citations in the U.S. Patent
Citation Network

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Scientometrics, 2016, 107, 1465-1475.

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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.

#	Paper	IF	Citations
40	Patent research in the field of library and information science: Less useful or difficult to explore?. <i>Scientometrics</i> , 2017 , 111, 205-217	3	8
39	Patent Citations Analysis and Its Value in Research Evaluation: A Review and a New Approach to Map Technology-relevant Research. <i>Journal of Data and Information Science</i> , 2017 , 2, 13-50	1.2	31
38	Using PageRank in the analysis of technological progress through patents: an illustration for biotechnological inventions. <i>Scientometrics</i> , 2017 , 113, 1407-1438	3	5
37	Patent citation: A technique for measuring the knowledge flow of information and innovation. <i>World Patent Information</i> , 2017 , 51, 31-42	1.4	29
36	From ranking and clustering of evolving networks to patent citation analysis. 2017 ,		3
35	Exploring Technology Evolution in the Solar Cell Field: An Aspect from Patent Analysis. <i>Data and Information Management</i> , 2017 , 1, 124-134	1.4	
34	Classifying patents based on their semantic content. <i>PLoS ONE</i> , 2017 , 12, e0176310	3.7	16
33	Insights into relationships between disruptive technology/innovation and emerging technology: A bibliometric perspective. <i>Technological Forecasting and Social Change</i> , 2018 , 129, 285-296	9.5	51
32	Community Detection and Growth Potential Prediction Using the Stochastic Block Model and the Long Short-term Memory from Patent Citation Networks. 2018 ,		2
31	Community detection and growth potential prediction from patent citation networks. 2018 ,		
30	Classifying Patents Based on Their Semantic Content. <i>SSRN Electronic Journal</i> , 2018 ,	1	
29	Evolution of collaborative networks of solar energy applied technologies. <i>Journal of Cleaner Production</i> , 2018 , 204, 310-320	10.3	16
28	Identifying the Emerging Safety Technologies Using Futuristic Data: Topic Modeling and Diversity Approach. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2019 , 251-263	0.3	
27	Quantitative identification of technological paradigm changes using knowledge persistence. <i>PLoS ONE</i> , 2019 , 14, e0220819	3.7	4
26	. <i>IEEE Access</i> , 2019 , 7, 141374-141385	3.5	3
25	Exploring the Response Mechanism of Remote Sensing Images in Monitoring Fixed Assets Investment Project in Terms of Building Detection. <i>IEEE Access</i> , 2019 , 7, 167919-167929	3.5	
24	Effects of mowing disturbance and competition on spatial expansion of the clonal plant <i>Leymus chinensis</i> into saline-alkali soil patches. <i>Environmental and Experimental Botany</i> , 2019 , 168, 103890	5.9	9

23	Ranking Algorithms: Application for Patent Citation Network. <i>Information Fusion and Data Science</i> , 2019 , 519-538	0.3	1
22	Information Quality in Information Fusion and Decision Making. <i>Information Fusion and Data Science</i> , 2019 ,	0.3	6
21	Autonomous Vehicle Technology Development: A Patent Survey Based on Main Path Analysis. 2019 ,		
20	Early identification of important patents: Design and validation of citation network metrics. <i>Technological Forecasting and Social Change</i> , 2019 , 146, 644-654	9.5	25
19	Exploring the innovation landscape of bamboo fiber technologies from global patent data perspective. <i>Cellulose</i> , 2020 , 27, 9137-9156	5.5	4
18	Emerging green technologies for vehicle propulsion systems. <i>Technological Forecasting and Social Change</i> , 2020 , 159, 120054	9.5	4
17	Threshold Effects of the Network Structure in the Relationship Between Patent PageRank and Patent Value. <i>IEEE Access</i> , 2020 , 8, 19679-19684	3.5	3
16	The development of autonomous driving technology: perspectives from patent citation analysis. <i>Transport Reviews</i> , 1-27	9.9	6
15	An Improved PageRank Algorithm Based on Text Similarity Approach for Critical Standards Identification in Complex Standard Citation Networks. <i>Complexity</i> , 2021 , 2021, 1-16	1.6	2
14	Technology Network Construction and Analysis Method for Technology Trends Discovery. 2021 ,		
13	Investigation into the development of lithium-ion battery electrolytes and related knowledge transfer using research paper-based social network analysis. <i>Journal of Energy Storage</i> , 2021 , 41, 102890	7.8	2
12	Exploring the technology emergence related to artificial intelligence: A perspective of coupling analyses. <i>Technological Forecasting and Social Change</i> , 2021 , 172, 121064	9.5	1
11	Determinants of highly-cited green patents: The perspective of network characteristics. <i>PLoS ONE</i> , 2020 , 15, e0240679	3.7	3
10	Consensus-Building on Citations in Peer-to-Peer Systems. <i>SSRN Electronic Journal</i> ,	1	
9	Development of the patent values evaluation method considering growth of technical community. 2021 ,		
8	Technology network and development trends of government-funded patents. <i>International Journal of Innovation Science</i> , 2022 , ahead-of-print,	2.5	0
7	Technology life cycle analysis: From the dynamic perspective of patent citation networks. <i>Technological Forecasting and Social Change</i> , 2022 , 181, 121760	9.5	1
6	Technological diversification, technology portfolio properties, and R&D productivity. <i>Journal of Technology Transfer</i> ,	4.4	0

- 5 A synthetical analysis method of measuring technology convergence. **2022**, 209, 118262
- 4 Early Identification of Significant Patents Using Heterogeneous Applicant-Citation Networks Based on the Chinese Green Patent Data. **2022**, 14, 13870
- 3 Uncovering emerging photovoltaic technologies based on patent analysis. **2023**, 73, 102181
- 2 Diffusion path of leading technology in new energy industry based on fsQCA [Take China's solar energy industry as an example. 1-16
- 1 Emerging risk identification in the food chain [A systematic procedure and data analytical options. **2023**, 103366