Erjia Yan

List of Publications by Year
in descending order

79 papers	3,100 citations	186209 28 h-index	175177 52 g-index
79 all docs	79 docs citations	79 times ranked	2608 citing authors

#	Article	IF	Citations
1	Web of Science use in published research and review papers 1997â€“2017: a selective, dynamic, cross-domain, content-based analysis. Scientometrics, 2018, 115, 1-20.	1.6	351
2	PageRank for ranking authors in coâ€citation networks. Journal of the Association for Information Science and Technology, 2009, 60, 2229-2243.	2.6	306
3	Applying centrality measures to impact analysis: A coauthorship network analysis. Journal of the Association for Information Science and Technology, 2009, 60, 2107-2118.	2.6	276
4	Examining the usage, citation, and diffusion patterns of bibliometric mapping software: A comparative study of three tools. Journal of Informetrics, 2018, 12, 481-493.	1.4	195
5	Scholarly network similarities: How bibliographic coupling networks, citation networks, cocitation networks, topical networks, coauthorship networks, and coword networks relate to each other. Journal of the Association for Information Science and Technology, 2012, 63, 1313-1326.	2.6	178
6	The cognitive structure of Library and Information Science: Analysis of article title words. Journal of the Association for Information Science and Technology, 2011, 62, 1933-1953.	2.6	139
7	Discovering author impact: A PageRank perspective. Information Processing and Management, 2011, 47, 125-134.	5.4	125
8	Mapping library and information science in China: a coauthorship network analysis. Scientometrics, 2010, 83, 115-131.	1.6	87
9	Will open access increase journal CiteScores? An empirical investigation over multiple disciplines. PLoS ONE, 2018, 13, e0201885.	1.1	69
10	Entitymetrics: Measuring the Impact of Entities. PLoS ONE, 2013, 8, e71416.	1.1	66
11	The funding factor: a cross-disciplinary examination of the association between research funding and citation impact. Scientometrics, 2018, 115, 369-384.	1.6	59
12	A bird's-eye view of scientific trading: Dependency relations among fields of science. Journal of Informetrics, 2013, 7, 249-264.	1.4	58
13	Topics in dynamic research communities: An exploratory study for the field of information retrieval. Journal of Informetrics, 2012, 6, 140-153.	1.4	57
14	Semantic relatedness and similarity of biomedical terms: examining the effects of recency, size, and section of biomedical publications on the performance of word2vec. BMC Medical Informatics and Decision Making, 2017, 17, 95.	1.5	53
15	A recursive field-normalized bibliometric performance indicator: an application to the field of library and information science. Scientometrics, 2011, 89, 301-314.	1.6	50
16	Predicting and recommending collaborations: An author-, institution-, and country-level analysis. Journal of Informetrics, 2014, 8, 295-309.	1.4	48
17	Institutional interactions: Exploring social, cognitive, and geographic relationships between institutions as demonstrated through citation networks. Journal of the Association for Information Science and Technology, 2011, 62, 1498-1514.	2.6	45
18	Perspectives on social tagging. Journal of the Association for Information Science and Technology, 2009, 60, 2388-2401.	2.6	40

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19	Pâ€Rank: An indicator measuring prestige in heterogeneous scholarly networks. Journal of the Association for Information Science and Technology, 2011, 62, 467-477.	2.6	40
20	Community-based topic modeling for social tagging. , 2010, , .		39
21	Research dynamics: Measuring the continuity and popularity of research topics. Journal of Informetrics, 2014, 8, 98-110.	1.4	36
22	Research dynamics, impact, and dissemination: A topicâ€level analysis. Journal of the Association for Information Science and Technology, 2015, 66, 2357-2372.	1.5	36
23	Weighted citation: An indicator of an article's prestige. Journal of the Association for Information Science and Technology, 2010, 61, 1635-1643.	2.6	35
24	Assessing the impact of software on science: A bootstrapped learning of software entities in full-text papers. Journal of Informetrics, 2015, 9, 860-871.	1.4	35
25	Disciplinary knowledge production and diffusion in science. Journal of the Association for Information Science and Technology, 2016, 67, 2223-2245.	1.5	35
26	Mining patterns of author orders in scientific publications. Journal of Informetrics, 2012, 6, 359-367.	1.4	34
27	Finding knowledge paths among scientific disciplines. Journal of the Association for Information Science and Technology, 2014, 65, 2331-2347.	1.5	34
28	Data set mentions and citations: A content analysis of fullâ€text publications. Journal of the Association for Information Science and Technology, 2018, 69, 32-46.	1.5	33
29	Overlaying communities and topics: an analysis on publication networks. Scientometrics, 2012, 90, 499-513.	1.6	32
30	PageRank-Related Methods for Analyzing Citation Networks. , 2014, , 83-100.		30
31	How is R cited in research outputs? Structure, impacts, and citation standard. Journal of Informetrics, 2017, 11, 989-1002.	1.4	28
32	Co-mention network of R packages: Scientific impact and clustering structure. Journal of Informetrics, 2018, 12, 87-100.	1.4	28
33	Topic-based Pagerank: toward a topic-level scientific evaluation. Scientometrics, 2014, 100, 407-437.	1.6	25
34	Where Do We Stand? Diversity, Equity, Inclusion, and Social Justice in North American Library and Information Science Education. Journal of Education for Library and Information Science, 2021, 62, 258-286.	0.2	25
35	Identifying Liver Cancer and Its Relations with Diseases, Drugs, and Genes: A Literature-Based Approach. PLoS ONE, 2016, 11, e0156091.	1.1	20
36	Dynamic subfield analysis of disciplines: an examination of the trading impact and knowledge diffusion patterns of computer science. Scientometrics, 2015, 104, 335-359.	1.6	18

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37	Disciplinary differences of software use and impact in scientific literature. Scientometrics, 2016, 109, 1593-1610.	1.6	17
38	Are NIH-funded publications fulfilling the proposed research? An examination of concept-matchedness between NIH research grants and their supported publications. Journal of Informetrics, 2019, 13, 226-237.	1.4	17
39	A leadâ€lag analysis of the topic evolution patterns for preprints and publications. Journal of the Association for Information Science and Technology, 2015, 66, 2643-2656.	1.5	16
40	The use of a graphâ€based system to improve bibliographic information retrieval: System design, implementation, and evaluation. Journal of the Association for Information Science and Technology, 2017, 68, 480-490.	1.5	16
41	Understanding the evolving academic landscape of library and information science through faculty hiring data. Scientometrics, 2016, 108, 1461-1478.	1.6	15
42	Examining academic ranking and inequality in library and information science through faculty hiring networks. Journal of Informetrics, 2017, 11, 641-654.	1.4	15
43	Disciplinary knowledge diffusion in business research. Journal of Informetrics, 2017, 11, 655-668.	1.4	15
44	Tracking word semantic change in biomedical literature. International Journal of Medical Informatics, 2018, 109, 76-86.	1.6	14
45	Challenges of measuring software impact through citations: An examination of the lme4 R package. Journal of Informetrics, 2019, 13, 449-461.	1.4	14
46	Authors' status and the perceived quality of their work: Measuring citation sentiment change in nobel articles. Journal of the Association for Information Science and Technology, 2020, 71, 314-324.	1.5	14
47	Citation cascade and the evolution of topic relevance. Journal of the Association for Information Science and Technology, 2021, 72, 110-127.	1.5	14
48	Identifying entities from scientific publications: A comparison of vocabulary- and model-based methods. Journal of Informetrics, 2015, 9, 455-465.	1.4	12
49	Which domains do openâ€access journals do best in? A 5â€year longitudinal study. Journal of the Association for Information Science and Technology, 2018, 69, 844-856.	1.5	12
50	Science communication and dissemination in different cultures: An analysis of the audience for <scp>TED</scp> videos in <scp>C</scp>hina and abroad. Journal of the Association for Information Science and Technology, 2016, 67, 1473-1486.	1.5	11
51	A natural language interface to a graph-based bibliographic information retrieval system. Data and Knowledge Engineering, 2017, 111, 73-89.	2.1	11
52	How important is software to library and information science research? A content analysis of full-text publications. Journal of Informetrics, 2019, 13, 397-406.	1.4	10
53	Modeling topic and community structure in social tagging: The TTR-LDA-Community model. Journal of the Association for Information Science and Technology, 2011, 62, 1849-1866.	2.6	9
54	Joint modeling of the association between NIH funding and its three primary outcomes: patents, publications, and citation impact. Scientometrics, 2018, 117, 591-602.	1.6	9

#	Article	IF	Citations
55	Nine million book items and eleven million citations: a study of book-based scholarly communication using OpenCitations. Scientometrics, 2020, 122, 1097-1112.	1.6	8
56	Hyperlink analysis for government websites of Chinese provincial capitals. Scientometrics, 2008, 76, 315-326.	1.6	7
57	Upper tag ontology for integrating social tagging data. Journal of the Association for Information Science and Technology, 2010, 61, 505-521.	2.6	7
58	Measuring scholarly impact in heterogeneous networks. Proceedings of the American Society for Information Science and Technology, 2010, 47, 1-7.	0.2	7
59	Using pathâ€based approaches to examine the dynamic structure of disciplineâ€level citation networks: 1997â€“2011. Journal of the Association for Information Science and Technology, 2016, 67, 1943-1955.	1.5	7
60	Searching bibliographic data using graphs: A visual graph query interface. Journal of Informetrics, 2016, 10, 1092-1107.	1.4	7
61	Understanding disciplinary vocabularies using a full-text enabled domain-independent term extraction approach. PLoS ONE, 2017, 12, e0187762.	1.1	7
62	Adding the dimension of knowledge trading to source impact assessment: Approaches, indicators, and implications. Journal of the Association for Information Science and Technology, 2017, 68, 1090-1104.	1.5	6
63	Scholarly Networks Analysis. , 2014, , 1643-1651.		6
64	Uncovering inter-specialty knowledge communication using author citation networks. Scientometrics, 2016, 109, 839-854.	1.6	5
65	Monitoring knowledge flow through scholarly networks. Proceedings of the American Society for Information Science and Technology, 2012, 49, 1-5.	0.2	4
66	Analyzing academic mobility of U.S. professors based on ORCID data and the Carnegie Classification. Quantitative Science Studies, 2020, 1, 1451-1467.	1.6	4
67	The relationship between journal citation impact and citation sentiment: A study of 32 million citances in PubMed Central. Quantitative Science Studies, 2020, , 1-11.	1.6	4
68	Examining drug and side effect relation using authorâ€“entity pair bipartite networks. Journal of Informetrics, 2020, 14, 100999.	1.4	3
69	Analyzing Chinaâ€™s research collaboration with the United States in high-impact and high-technology research. Quantitative Science Studies, 2021, 2, 363-375.	1.6	3
70	Gender imbalance in the productivity of funded projects: A study of the outputs of National Institutes of Health R01 grants. Journal of the Association for Information Science and Technology, 2021, 72, 1386.	1.5	3
71	Dynamic Features of Social Tagging Vocabulary: Delicious, Flickr and YouTube. , 2010, , .		2
72	Topological analysis of interdisciplinary scientific journals. , 2015, , .		1

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73	Evaluating interactive bibliographic information retrieval systems: A userâ€centered approach. Proceedings of the Association for Information Science and Technology, 2018, 55, 628-637.	0.3	1
74	Scholarly Network Analysis. , 2018, , 2327-2335.		1
75	â€œLibrarianship as Citizenshipâ€: The Promise of Community-Based Learning in North American Library and Information Science Education. Journal of Education for Library and Information Science, 2022, 63, 153-169.	0.2	1
76	Library and information science (LIS) as we see it: An overview at the state and country level from 1965-2010. Proceedings of the American Society for Information Science and Technology, 2011, 48, 1-8.	0.2	0
77	Scholarly Network Analysis. , 2016, , 1-9.		0
78	Social Networks and Semantics. Advances in Human and Social Aspects of Technology Book Series, 0, , 155-196.	0.3	0
79	Handbook Bibliometrics. By Rafael Ball. Journal of Education for Library and Information Science, 2021, 62, 348-349.	0.2	0