

# Erjia Yan

## List of Publications by Citations

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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.

75  
papers

2,049  
citations

25  
h-index

44  
g-index

79  
ext. papers

2,560  
ext. citations

2.8  
avg, IF

5.65  
L-index

#	Paper	IF	Citations
75	PageRank for ranking authors in co-citation networks. <i>Journal of the Association for Information Science and Technology</i> , <b>2009</b> , 60, 2229-2243		224
74	Applying centrality measures to impact analysis: A coauthorship network analysis. <i>Journal of the Association for Information Science and Technology</i> , <b>2009</b> , 60, 2107-2118		215
73	Web of Science use in published research and review papers 1997-2017: a selective, dynamic, cross-domain, content-based analysis. <i>Scientometrics</i> , <b>2018</b> , 115, 1-20	3	164
72	Scholarly network similarities: How bibliographic coupling networks, citation networks, cocitation networks, topical networks, coauthorship networks, and coword networks relate to each other. <i>Journal of the Association for Information Science and Technology</i> , <b>2012</b> , 63, 1313-1326		128
71	The cognitive structure of Library and Information Science: Analysis of article title words. <i>Journal of the Association for Information Science and Technology</i> , <b>2011</b> , 62, 1933-1953		117
70	Discovering author impact: A PageRank perspective. <i>Information Processing and Management</i> , <b>2011</b> , 47, 125-134	6.3	86
69	Examining the usage, citation, and diffusion patterns of bibliometric mapping software: A comparative study of three tools. <i>Journal of Informetrics</i> , <b>2018</b> , 12, 481-493	3.1	70
68	Mapping library and information science in China: a coauthorship network analysis. <i>Scientometrics</i> , <b>2010</b> , 83, 115-131	3	63
67	Will open access increase journal CiteScores? An empirical investigation over multiple disciplines. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201885	3.7	52
66	Entitymetrics: measuring the impact of entities. <i>PLoS ONE</i> , <b>2013</b> , 8, e71416	3.7	50
65	Topics in dynamic research communities: An exploratory study for the field of information retrieval. <i>Journal of Informetrics</i> , <b>2012</b> , 6, 140-153	3.1	48
64	A recursive field-normalized bibliometric performance indicator: an application to the field of library and information science. <i>Scientometrics</i> , <b>2011</b> , 89, 301-314	3	44
63	Institutional interactions: Exploring social, cognitive, and geographic relationships between institutions as demonstrated through citation networks. <i>Journal of the Association for Information Science and Technology</i> , <b>2011</b> , 62, 1498-1514		43
62	A bird's-eye view of scientific trading: Dependency relations among fields of science. <i>Journal of Informetrics</i> , <b>2013</b> , 7, 249-264	3.1	39
61	Predicting and recommending collaborations: An author-, institution-, and country-level analysis. <i>Journal of Informetrics</i> , <b>2014</b> , 8, 295-309	3.1	37
60	Perspectives on social tagging. <i>Journal of the Association for Information Science and Technology</i> , <b>2009</b> , 60, 2388-2401		35
59	Community-based topic modeling for social tagging <b>2010</b> ,		34

58	Semantic relatedness and similarity of biomedical terms: examining the effects of recency, size, and section of biomedical publications on the performance of word2vec. <i>BMC Medical Informatics and Decision Making</i> , <b>2017</b> , 17, 95	3.6	31
57	Research dynamics: Measuring the continuity and popularity of research topics. <i>Journal of Informetrics</i> , <b>2014</b> , 8, 98-110	3.1	31
56	Research dynamics, impact, and dissemination: A topic-level analysis. <i>Journal of the Association for Information Science and Technology</i> , <b>2015</b> , 66, 2357-2372	2.7	31
55	Mining patterns of author orders in scientific publications. <i>Journal of Informetrics</i> , <b>2012</b> , 6, 359-367	3.1	29
54	The funding factor: a cross-disciplinary examination of the association between research funding and citation impact. <i>Scientometrics</i> , <b>2018</b> , 115, 369-384	3	28
53	Assessing the impact of software on science: A bootstrapped learning of software entities in full-text papers. <i>Journal of Informetrics</i> , <b>2015</b> , 9, 860-871	3.1	26
52	Overlaying communities and topics: an analysis on publication networks. <i>Scientometrics</i> , <b>2012</b> , 90, 499-513	3.3	26
51	Finding knowledge paths among scientific disciplines. <i>Journal of the Association for Information Science and Technology</i> , <b>2014</b> , 65, 2331-2347	2.7	25
50	Disciplinary knowledge production and diffusion in science. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 2223-2245	2.7	24
49	How is R cited in research outputs? Structure, impacts, and citation standard. <i>Journal of Informetrics</i> , <b>2017</b> , 11, 989-1002	3.1	23
48	Topic-based Pagerank: toward a topic-level scientific evaluation. <i>Scientometrics</i> , <b>2014</b> , 100, 407-437	3	20
47	Co-mention network of R packages: Scientific impact and clustering structure. <i>Journal of Informetrics</i> , <b>2018</b> , 12, 87-100	3.1	18
46	Weighted citation: An indicator of an article's prestige. <i>Journal of the Association for Information Science and Technology</i> , <b>2010</b> , 61, n/a-n/a		15
45	Disciplinary differences of software use and impact in scientific literature. <i>Scientometrics</i> , <b>2016</b> , 109, 1593-1610	3	14
44	A lead-lag analysis of the topic evolution patterns for preprints and publications. <i>Journal of the Association for Information Science and Technology</i> , <b>2015</b> , 66, 2643-2656	2.7	14
43	Dynamic subfield analysis of disciplines: an examination of the trading impact and knowledge diffusion patterns of computer science. <i>Scientometrics</i> , <b>2015</b> , 104, 335-359	3	13
42	Data set mentions and citations: A content analysis of full-text publications. <i>Journal of the Association for Information Science and Technology</i> , <b>2018</b> , 69, 32-46	2.7	13
41	Identifying Liver Cancer and Its Relations with Diseases, Drugs, and Genes: A Literature-Based Approach. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156091	3.7	12

40	Science communication and dissemination in different cultures: An analysis of the audience for TED videos in China and abroad. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 1473-1486	2.7	11
39	The use of a graph-based system to improve bibliographic information retrieval: System design, implementation, and evaluation. <i>Journal of the Association for Information Science and Technology</i> , <b>2017</b> , 68, 480-490	2.7	10
38	Disciplinary knowledge diffusion in business research. <i>Journal of Informetrics</i> , <b>2017</b> , 11, 655-668	3.1	10
37	Challenges of measuring software impact through citations: An examination of the lme4 R package. <i>Journal of Informetrics</i> , <b>2019</b> , 13, 449-461	3.1	10
36	Identifying entities from scientific publications: A comparison of vocabulary- and model-based methods. <i>Journal of Informetrics</i> , <b>2015</b> , 9, 455-465	3.1	10
35	Understanding the evolving academic landscape of library and information science through faculty hiring data. <i>Scientometrics</i> , <b>2016</b> , 108, 1461-1478	3	10
34	How important is software to library and information science research? A content analysis of full-text publications. <i>Journal of Informetrics</i> , <b>2019</b> , 13, 397-406	3.1	9
33	P-Rank: An indicator measuring prestige in heterogeneous scholarly networks. <i>Journal of the Association for Information Science and Technology</i> , <b>2010</b> , 62, n/a-n/a		9
32	A natural language interface to a graph-based bibliographic information retrieval system. <i>Data and Knowledge Engineering</i> , <b>2017</b> , 111, 73-89	1.5	8
31	Authors' status and the perceived quality of their work: Measuring citation sentiment change in nobel articles. <i>Journal of the Association for Information Science and Technology</i> , <b>2020</b> , 71, 314-324	2.7	8
30	Examining academic ranking and inequality in library and information science through faculty hiring networks. <i>Journal of Informetrics</i> , <b>2017</b> , 11, 641-654	3.1	7
29	Are NIH-funded publications fulfilling the proposed research? An examination of concept-matchedness between NIH research grants and their supported publications. <i>Journal of Informetrics</i> , <b>2019</b> , 13, 226-237	3.1	7
28	Tracking word semantic change in biomedical literature. <i>International Journal of Medical Informatics</i> , <b>2018</b> , 109, 76-86	5.3	7
27	PageRank-Related Methods for Analyzing Citation Networks <b>2014</b> , 83-100		7
26	Modeling topic and community structure in social tagging: The TTR-LDA-Community model. <i>Journal of the Association for Information Science and Technology</i> , <b>2011</b> , 62, 1849-1866		7
25	Which domains do open-access journals do best in? A 5-year longitudinal study. <i>Journal of the Association for Information Science and Technology</i> , <b>2018</b> , 69, 844-856	2.7	6
24	Measuring scholarly impact in heterogeneous networks. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2010</b> , 47, 1-7		6
23	Hyperlink analysis for government websites of Chinese provincial capitals. <i>Scientometrics</i> , <b>2008</b> , 76, 315-326		6

22	Citation cascade and the evolution of topic relevance. <i>Journal of the Association for Information Science and Technology</i> , <b>2021</b> , 72, 110-127	2.7	6
21	Joint modeling of the association between NIH funding and its three primary outcomes: patents, publications, and citation impact. <i>Scientometrics</i> , <b>2018</b> , 117, 591-602	3	5
20	Understanding disciplinary vocabularies using a full-text enabled domain-independent term extraction approach. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187762	3.7	5
19	Where Do We Stand? Diversity, Equity, Inclusion, and Social Justice in North American Library and Information Science Education. <i>Journal of Education for Library and Information Science</i> , <b>2021</b> , 62, 258-286 <sup>0.9</sup>		5
18	Adding the dimension of knowledge trading to source impact assessment: Approaches, indicators, and implications. <i>Journal of the Association for Information Science and Technology</i> , <b>2017</b> , 68, 1090-1104 <sup>2.7</sup>		4
17	Using path-based approaches to examine the dynamic structure of discipline-level citation networks: 1997-2011. <i>Journal of the Association for Information Science and Technology</i> , <b>2016</b> , 67, 1943-1955 <sup>2.7</sup>		4
16	Searching bibliographic data using graphs: A visual graph query interface. <i>Journal of Informetrics</i> , <b>2016</b> , 10, 1092-1107	3.1	4
15	The relationship between journal citation impact and citation sentiment: A study of 32 million citations in PubMed Central. <i>Quantitative Science Studies</i> , <b>2020</b> , 1-11	3.8	3
14	Uncovering inter-specialty knowledge communication using author citation networks. <i>Scientometrics</i> , <b>2016</b> , 109, 839-854	3	3
13	Monitoring knowledge flow through scholarly networks. <i>Proceedings of the American Society for Information Science and Technology</i> , <b>2012</b> , 49, 1-5		3
12	Upper tag ontology for integrating social tagging data. <i>Journal of the Association for Information Science and Technology</i> , <b>2009</b> , 61, n/a-n/a		3
11	Nine million book items and eleven million citations: a study of book-based scholarly communication using OpenCitations. <i>Scientometrics</i> , <b>2020</b> , 122, 1097-1112	3	3
10	Analyzing academic mobility of U.S. professors based on ORCID data and the Carnegie Classification. <i>Quantitative Science Studies</i> , <b>2020</b> , 1, 1451-1467	3.8	2
9	Topological analysis of interdisciplinary scientific journals <b>2015</b> ,		1
8	Dynamic Features of Social Tagging Vocabulary: Delicious, Flickr and YouTube <b>2010</b> ,		1
7	Examining drug and side effect relation using author-entity pair bipartite networks. <i>Journal of Informetrics</i> , <b>2020</b> , 14, 100999	3.1	1
6	Analyzing China's research collaboration with the United States in high-impact and high-technology research. <i>Quantitative Science Studies</i> , <b>2021</b> , 2, 363-375	3.8	1
5	Librarianship as Citizenship—The Promise of Community-Based Learning in North American Library and Information Science Education. <i>Journal of Education for Library and Information Science</i> , <b>2022</b> , 63, 153-169	0.9	1

- 4 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 2.7 0
- 3 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
- 2 Social Networks and Semantics. *Advances in Human and Social Aspects of Technology Book Series*, 155-196. 0.2
- 1 Evaluating interactive bibliographic information retrieval systems: A user-centered approach. *Proceedings of the Association for Information Science and Technology*, **2018**, 55, 628-637 0.4