

Erjia Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2569804/publications.pdf>

Version: 2024-02-01

79
papers

3,100
citations

186265

28
h-index

175258

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. <i>Scientometrics</i> , 2018, 115, 1-20.	3.0	351
2	PageRank for ranking authors in coâ€“citation networks. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 2229-2243.	2.6	306
3	Applying centrality measures to impact analysis: A coauthorship network analysis. <i>Journal of the Association for Information Science and Technology</i> , 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. <i>Journal of Informetrics</i> , 2018, 12, 481-493.	2.9	195
5	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> , 2012, 63, 1313-1326.	2.6	178
6	The cognitive structure of Library and Information Science: Analysis of article title words. <i>Journal of the Association for Information Science and Technology</i> , 2011, 62, 1933-1953.	2.6	139
7	Discovering author impact: A PageRank perspective. <i>Information Processing and Management</i> , 2011, 47, 125-134.	8.6	125
8	Mapping library and information science in China: a coauthorship network analysis. <i>Scientometrics</i> , 2010, 83, 115-131.	3.0	87
9	Will open access increase journal CiteScores? An empirical investigation over multiple disciplines. <i>PLoS ONE</i> , 2018, 13, e0201885.	2.5	69
10	Entitymetrics: Measuring the Impact of Entities. <i>PLoS ONE</i> , 2013, 8, e71416.	2.5	66
11	The funding factor: a cross-disciplinary examination of the association between research funding and citation impact. <i>Scientometrics</i> , 2018, 115, 369-384.	3.0	59
12	A bird's-eye view of scientific trading: Dependency relations among fields of science. <i>Journal of Informetrics</i> , 2013, 7, 249-264.	2.9	58
13	Topics in dynamic research communities: An exploratory study for the field of information retrieval. <i>Journal of Informetrics</i> , 2012, 6, 140-153.	2.9	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. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 95.	3.0	53
15	A recursive field-normalized bibliometric performance indicator: an application to the field of library and information science. <i>Scientometrics</i> , 2011, 89, 301-314.	3.0	50
16	Predicting and recommending collaborations: An author-, institution-, and country-level analysis. <i>Journal of Informetrics</i> , 2014, 8, 295-309.	2.9	48
17	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> , 2011, 62, 1498-1514.	2.6	45
18	Perspectives on social tagging. <i>Journal of the Association for Information Science and Technology</i> , 2009, 60, 2388-2401.	2.6	40

#	ARTICLE	IF	CITATIONS
19	Pá€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.	2.9	36
22	Research dynamics, impact, and dissemination: A topicâ€level analysis. Journal of the Association for Information Science and Technology, 2015, 66, 2357-2372.	2.9	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.	2.9	35
25	Disciplinary knowledge production and diffusion in science. Journal of the Association for Information Science and Technology, 2016, 67, 2223-2245.	2.9	35
26	Mining patterns of author orders in scientific publications. Journal of Informetrics, 2012, 6, 359-367.	2.9	34
27	Finding knowledge paths among scientific disciplines. Journal of the Association for Information Science and Technology, 2014, 65, 2331-2347.	2.9	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.	2.9	33
29	Overlaying communities and topics: an analysis on publication networks. Scientometrics, 2012, 90, 499-513.	3.0	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.	2.9	28
32	Co-mention network of R packages: Scientific impact and clustering structure. Journal of Informetrics, 2018, 12, 87-100.	2.9	28
33	Topic-based Pagerank: toward a topic-level scientific evaluation. Scientometrics, 2014, 100, 407-437.	3.0	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.	0.6	25
35	Identifying Liver Cancer and Its Relations with Diseases, Drugs, and Genes: A Literature-Based Approach. PLoS ONE, 2016, 11, e0156091.	2.5	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.	3.0	18

#	ARTICLE	IF	CITATIONS
37	Disciplinary differences of software use and impact in scientific literature. <i>Scientometrics</i> , 2016, 109, 1593-1610.	3.0	17
38	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> , 2019, 13, 226-237.	2.9	17
39	A lead-lag analysis of the topic evolution patterns for preprints and publications. <i>Journal of the Association for Information Science and Technology</i> , 2015, 66, 2643-2656.	2.9	16
40	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> , 2017, 68, 480-490.	2.9	16
41	Understanding the evolving academic landscape of library and information science through faculty hiring data. <i>Scientometrics</i> , 2016, 108, 1461-1478.	3.0	15
42	Examining academic ranking and inequality in library and information science through faculty hiring networks. <i>Journal of Informetrics</i> , 2017, 11, 641-654.	2.9	15
43	Disciplinary knowledge diffusion in business research. <i>Journal of Informetrics</i> , 2017, 11, 655-668.	2.9	15
44	Tracking word semantic change in biomedical literature. <i>International Journal of Medical Informatics</i> , 2018, 109, 76-86.	3.3	14
45	Challenges of measuring software impact through citations: An examination of the lme4 R package. <i>Journal of Informetrics</i> , 2019, 13, 449-461.	2.9	14
46	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> , 2020, 71, 314-324.	2.9	14
47	Citation cascade and the evolution of topic relevance. <i>Journal of the Association for Information Science and Technology</i> , 2021, 72, 110-127.	2.9	14
48	Identifying entities from scientific publications: A comparison of vocabulary- and model-based methods. <i>Journal of Informetrics</i> , 2015, 9, 455-465.	2.9	12
49	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> , 2018, 69, 844-856.	2.9	12
50	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> , 2016, 67, 1473-1486.	2.9	11
51	A natural language interface to a graph-based bibliographic information retrieval system. <i>Data and Knowledge Engineering</i> , 2017, 111, 73-89.	3.4	11
52	How important is software to library and information science research? A content analysis of full-text publications. <i>Journal of Informetrics</i> , 2019, 13, 397-406.	2.9	10
53	Modeling topic and community structure in social tagging: The TTR-LDA-Community model. <i>Journal of the Association for Information Science and Technology</i> , 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. <i>Scientometrics</i> , 2018, 117, 591-602.	3.0	9

#	ARTICLE	IF	CITATIONS
55	Nine million book items and eleven million citations: a study of book-based scholarly communication using OpenCitations. <i>Scientometrics</i> , 2020, 122, 1097-1112.	3.0	8
56	Hyperlink analysis for government websites of Chinese provincial capitals. <i>Scientometrics</i> , 2008, 76, 315-326.	3.0	7
57	Upper tag ontology for integrating social tagging data. <i>Journal of the Association for Information Science and Technology</i> , 2010, 61, 505-521.	2.6	7
58	Measuring scholarly impact in heterogeneous networks. <i>Proceedings of the American Society for Information Science and Technology</i> , 2010, 47, 1-7.	0.2	7
59	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> , 2016, 67, 1943-1955.	2.9	7
60	Searching bibliographic data using graphs: A visual graph query interface. <i>Journal of Informetrics</i> , 2016, 10, 1092-1107.	2.9	7
61	Understanding disciplinary vocabularies using a full-text enabled domain-independent term extraction approach. <i>PLoS ONE</i> , 2017, 12, e0187762.	2.5	7
62	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> , 2017, 68, 1090-1104.	2.9	6
63	Scholarly Networks Analysis. , 2014, , 1643-1651.		6
64	Uncovering inter-specialty knowledge communication using author citation networks. <i>Scientometrics</i> , 2016, 109, 839-854.	3.0	5
65	Monitoring knowledge flow through scholarly networks. <i>Proceedings of the American Society for Information Science and Technology</i> , 2012, 49, 1-5.	0.2	4
66	Analyzing academic mobility of U.S. professors based on ORCID data and the Carnegie Classification. <i>Quantitative Science Studies</i> , 2020, 1, 1451-1467.	3.3	4
67	The relationship between journal citation impact and citation sentiment: A study of 32 million citations in PubMed Central. <i>Quantitative Science Studies</i> , 2020, , 1-11.	3.3	4
68	Examining drug and side effect relation using author-entity pair bipartite networks. <i>Journal of Informetrics</i> , 2020, 14, 100999.	2.9	3
69	Analyzing China's research collaboration with the United States in high-impact and high-technology research. <i>Quantitative Science Studies</i> , 2021, 2, 363-375.	3.3	3
70	Gender imbalance in the productivity of funded projects: A study of the outputs of National Institutes of Health R01 grants. <i>Journal of the Association for Information Science and Technology</i> , 2021, 72, 1386.	2.9	3
71	Dynamic Features of Social Tagging Vocabulary: Delicious, Flickr and YouTube. , 2010, , .		2
72	Topological analysis of interdisciplinary scientific journals. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
73	Evaluating interactive bibliographic information retrieval systems: A user-centered approach. Proceedings of the Association for Information Science and Technology, 2018, 55, 628-637.	0.6	1
74	Scholarly Network Analysis. , 2018, , 2327-2335.		1
75	“Librarianship as Citizenship”: 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.	0.6	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.	0.6	0