

Weiguo Fan

List of Publications by Year in descending order

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146
papers

7,872
citations

66315

42
h-index

62565

80
g-index

150
all docs

150
docs citations

150
times ranked

6038
citing authors

#	ARTICLE	IF	CITATIONS
1	Which social media posts generate the most buzz? Evidence from WeChat. <i>Internet Research</i> , 2022, 32, 273-291.	2.7	11
2	Balanced single-shot object detection using cross-context attention-guided network. <i>Pattern Recognition</i> , 2022, 122, 108258.	5.1	21
3	AE-Net: Fine-grained sketch-based image retrieval via attention-enhanced network. <i>Pattern Recognition</i> , 2022, 122, 108291.	5.1	15
4	Transforming growth factor \hat{I}^2 latency: A mechanism of cytokine storage and signalling regulation in liver homeostasis and disease. <i>JHEP Reports</i> , 2022, 4, 100397.	2.6	25
5	Stacked Multimodal Attention Network for Context-Aware Video Captioning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022, 32, 31-42.	5.6	16
6	The influence of social Q&A systems on consumers' purchase intention: an empirical study based on Taobao's "Ask Everyone". <i>Information Technology and People</i> , 2022, ahead-of-print, .	1.9	1
7	Dynamic sparse portfolio rebalancing model: A perspective of investors' behavior-related decisions. <i>Knowledge-Based Systems</i> , 2022, 251, 109224.	4.0	1
8	Junctional and somatic hypermutation-induced CX4C motif is critical for the recognition of a highly conserved epitope on HCV E2 by a human broadly neutralizing antibody. <i>Cellular and Molecular Immunology</i> , 2021, 18, 675-685.	4.8	10
9	Moderating effects of rating on text and helpfulness in online hotel reviews: an analytical approach. <i>Journal of Hospitality Marketing and Management</i> , 2021, 30, 159-177.	5.1	18
10	Mining product innovation ideas from online reviews. <i>Information Processing and Management</i> , 2021, 58, 102389.	5.4	56
11	Deep Cross-Modal Face Naming for People News Retrieval. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021, 33, 1891-1905.	4.0	8
12	Integrating Environmental Impact and Ecosystem Services in the Process of Land Resource Capitalization—A Case Study of Land Transfer in Fuping, Hebei. <i>Sustainability</i> , 2021, 13, 2837.	1.6	2
13	Predicting crowdfunding project success based on backers' language preferences. <i>Journal of the Association for Information Science and Technology</i> , 2021, 72, 1558-1574.	1.5	7
14	Modeling relationships between retail prices and consumer reviews: A machine discovery approach and comprehensive evaluations. <i>Decision Support Systems</i> , 2021, 145, 113536.	3.5	9
15	Alliance choices: A Behavioral Theory of Problemistic and Slack Searches under CEO Overconfidence. <i>Proceedings - Academy of Management</i> , 2021, 2021, 14763.	0.0	0
16	Scalable Attestation Protocol Resilient to Physical Attacks for IoT Environments. <i>IEEE Systems Journal</i> , 2021, 15, 4566-4577.	2.9	3
17	How learning effects influence knowledge contribution in online Q&A community? A social cognitive perspective. <i>Decision Support Systems</i> , 2021, 149, 113610.	3.5	31
18	Crowd characteristics and crowd wisdom: Evidence from an online investment community. <i>Journal of the Association for Information Science and Technology</i> , 2020, 71, 423-435.	1.5	20

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19	Subdivided or aggregated online review systems: Which is better for online takeaway vendors?. <i>Electronic Commerce Research</i> , 2020, 20, 915-944.	3.0	5
20	Adverse drug event detection and extraction from open data: A deep learning approach. <i>Information Processing and Management</i> , 2020, 57, 102131.	5.4	76
21	User adoption of physician's replies in an online health community: An empirical study. <i>Journal of the Association for Information Science and Technology</i> , 2020, 71, 1179-1191.	1.5	21
22	Deep cascaded cross-modal correlation learning for fine-grained sketch-based image retrieval. <i>Pattern Recognition</i> , 2020, 100, 107148.	5.1	25
23	Role of user-generated photos in online hotel reviews: An analytical approach. <i>Journal of Hospitality and Tourism Management</i> , 2020, 45, 633-640.	3.5	40
24	Zero-Shot Sketch-Based Image Retrieval via Graph Convolution Network. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020, 34, 12943-12950.	3.6	34
25	Can "Gold Medal" Online Sellers Earn Gold? The Impact of Reputation Badges on Sales. <i>Journal of Management Information Systems</i> , 2020, 37, 1099-1127.	2.1	27
26	Finding Useful Solutions in Online Knowledge Communities: A Theory-Driven Design and Multilevel Analysis. <i>Information Systems Research</i> , 2020, 31, 731-752.	2.2	59
27	Video Captioning With Temporal And Region Graph Convolution Network. , 2020, , .		4
28	Empirical Research on the Process of Land Resource-Asset-Capitalization" A Case Study of Yanba, Jiangjin District, Chongqing. <i>Sustainability</i> , 2020, 12, 1236.	1.6	8
29	Analysis of the functional orientation of agricultural systems from the perspective of resource circulation. <i>Journal of Cleaner Production</i> , 2020, 258, 120642.	4.6	11
30	ECM1 is an essential factor for the determination of M1 macrophage polarization in IBD in response to LPS stimulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 3083-3092.	3.3	70
31	User idea implementation in open innovation communities: Evidence from a new product development crowdsourcing community. <i>Information Systems Journal</i> , 2020, 30, 899-927.	4.1	62
32	ECM1 Prevents Activation of Transforming Growth Factor β^2 , Hepatic Stellate Cells, and Fibrogenesis in Mice. <i>Gastroenterology</i> , 2019, 157, 1352-1367.e13.	0.6	65
33	Discovering Product Defects and Solutions from Online User Generated Contents. , 2019, , .		10
34	Examining the influential factors for continued social media use. <i>Industrial Management and Data Systems</i> , 2019, 119, 1104-1127.	2.2	21
35	Relationships between ecosystem services and human well-being changes based on carbon flow" A case study of the Manas River Basin, Xinjiang, China. <i>Ecosystem Services</i> , 2019, 37, 100934.	2.3	34
36	Customer Churn Prediction with Feature Embedded Convolutional Neural Network: An Empirical Study in the Internet Funds Industry. <i>International Journal of Computational Intelligence and Applications</i> , 2019, 18, .	0.6	7

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37	Review of Medical Decision Support and Machine-Learning Methods. <i>Veterinary Pathology</i> , 2019, 56, 512-525.	0.8	56
38	Examining continuance use on social network and micro-blogging sites: Different roles of self-image and peer influence. <i>International Journal of Information Management</i> , 2019, 47, 215-232.	10.5	39
39	Fully Convolutional Video Captioning with Coarse-to-Fine and Inherited Attention. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019, 33, 8271-8278.	3.6	14
40	Evaluation and simulation of the impact of land use change on ecosystem services based on a carbon flow model: A case study of the Manas River Basin of Xinjiang, China. <i>Science of the Total Environment</i> , 2019, 652, 117-133.	3.9	60
41	Air pollution terrain nexus: A review considering energy generation and consumption. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 105, 71-85.	8.2	146
42	Is it true that the longer the extended industrial chain, the better the circular agriculture? A case study of circular agriculture industry company in Fuqing, Fujian. <i>Journal of Cleaner Production</i> , 2018, 189, 718-728.	4.6	38
43	Effects of user-provided photos on hotel review helpfulness: An analytical approach with deep learning. <i>International Journal of Hospitality Management</i> , 2018, 71, 120-131.	5.3	177
44	Energy modeling simulation of changes in ecosystem services before and after the implementation of a Grain-for-Green program on the Loess Plateau—A case study of the Zhifanggou valley in Ansai County, Shaanxi Province, China. <i>Ecosystem Services</i> , 2018, 31, 32-43.	2.3	54
45	Project description and crowdfunding success: an exploratory study. <i>Information Systems Frontiers</i> , 2018, 20, 259-274.	4.1	109
46	A review of medical terminology standards and structured reporting. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018, 30, 17-25.	0.5	22
47	The persuasion of borrowers's voluntary information in peer to peer lending: An empirical study based on elaboration likelihood model. <i>Computers in Human Behavior</i> , 2018, 78, 200-214.	5.1	59
48	Assessing reliability of social media data: lessons from mining TripAdvisor hotel reviews. <i>Information Technology and Tourism</i> , 2018, 18, 43-59.	3.4	35
49	Identifying free-text features to improve automated classification of structured histopathology reports for feline small intestinal disease. <i>Journal of Veterinary Diagnostic Investigation</i> , 2018, 30, 211-217.	0.5	9
50	Sketch-based image retrieval with deep visual semantic descriptor. <i>Pattern Recognition</i> , 2018, 76, 537-548.	5.1	18
51	The Impact of Customer Reviews on Product Innovation: Empirical Evidence in Mobile Apps. <i>Annals of Information Systems</i> , 2018, , 95-110.	0.5	7
52	A new image classification method using CNN transfer learning and web data augmentation. <i>Expert Systems With Applications</i> , 2018, 95, 43-56.	4.4	349
53	Effects of membership tier on user content generation behaviors: evidence from online reviews. <i>Electronic Commerce Research</i> , 2018, 18, 457-483.	3.0	24
54	Combining Geographical and Social Influences with Deep Learning for Personalized Point-of-Interest Recommendation. <i>Journal of Management Information Systems</i> , 2018, 35, 1121-1153.	2.1	52

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55	The impact of users' sense of belonging on social media habit formation: Empirical evidence from social networking and microblogging websites in China. <i>International Journal of Information Management</i> , 2018, 43, 209-223.	10.5	57
56	Measuring Customer Agility from Online Reviews Using Big Data Text Analytics. <i>Journal of Management Information Systems</i> , 2018, 35, 510-539.	2.1	109
57	Life Cycle Environmental Impact Assessment of Circular Agriculture: A Case Study in Fuqing, China. <i>Sustainability</i> , 2018, 10, 1810.	1.6	26
58	By the numbers: The magic of numerical intelligence in text analytic systems. <i>Decision Support Systems</i> , 2018, 113, 86-98.	3.5	16
59	Extracellular matrix protein 1 promotes follicular helper T cell differentiation and antibody production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8621-8626.	3.3	46
60	Antecedents of ERP assimilation and its impact on ERP value: A TOE-based model and empirical test. <i>Information Systems Frontiers</i> , 2017, 19, 13-30.	4.1	50
61	Assessing Reliability of Social Media Data: Lessons from Mining TripAdvisor Hotel Reviews. , 2017, , 625-638.		0
62	An empirical study on the impact of online word-of-mouth sources on retail sales. <i>Information Discovery and Delivery</i> , 2017, 45, 30-35.	1.6	17
63	Identifying domain relevant user generated content through noise reduction: a test in a Chinese stock discussion forum. <i>Information Discovery and Delivery</i> , 2017, 45, 181-193.	1.6	2
64	Linking land use change, ecosystem services and human well-being: A case study of the Manas River Basin of Xinjiang, China. <i>Ecosystem Services</i> , 2017, 27, 113-123.	2.3	148
65	Credit risk transfer in SME loan guarantee networks. <i>Journal of Systems Science and Complexity</i> , 2017, 30, 1084-1096.	1.6	18
66	A surrogate-based generic classifier for Chinese TV series reviews. <i>Information Discovery and Delivery</i> , 2017, 45, 66-74.	1.6	0
67	Understanding the determinants of online review helpfulness: A meta-analytic investigation. <i>Decision Support Systems</i> , 2017, 102, 1-11.	3.5	300
68	A comparative analysis of major online review platforms: Implications for social media analytics in hospitality and tourism. <i>Tourism Management</i> , 2017, 58, 51-65.	5.8	597
69	Effects of R&D policy choice on accounting performance and market value. <i>R and D Management</i> , 2017, 47, 545-556.	3.0	14
70	Ecosystem Services and Ecological Restoration in the Northern Shaanxi Loess Plateau, China, in Relation to Climate Fluctuation and Investments in Natural Capital. <i>Sustainability</i> , 2017, 9, 199.	1.6	41
71	A Domain Oriented LDA Model for Mining Product Defects from Online Customer Reviews. , 2017, , .		18
72	Evaluation of supervised machine-learning algorithms to distinguish between inflammatory bowel disease and alimentary lymphoma in cats. <i>Journal of Veterinary Diagnostic Investigation</i> , 2016, 28, 679-687.	0.5	17

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73	Examining macro-sources of institution-based trust in social commerce marketplaces: An empirical study. <i>Electronic Commerce Research and Applications</i> , 2016, 20, 116-131.	2.5	74
74	Improved fuzzy c-means algorithm and its application to classification of remote sensing image in Chengdu city, China. , 2016, , .		2
75	Information management strategies and supply chain performance under demand disruptions. <i>International Journal of Production Research</i> , 2016, 54, 8-27.	4.9	51
76	Social presence, trust, and social commerce purchase intention: An empirical research. <i>Computers in Human Behavior</i> , 2016, 56, 225-237.	5.1	627
77	How to strengthen the social media interactivity of e-government. <i>Online Information Review</i> , 2016, 40, 79-96.	2.2	43
78	Social Representations of Social Media Use in Government. <i>Social Science Computer Review</i> , 2016, 34, 416-436.	2.6	24
79	IFN- γ 4 desensitizes the response to IFN- α treatment in chronic hepatitis C through long-term induction of USP18. <i>Journal of General Virology</i> , 2016, 97, 2210-2220.	1.3	21
80	An Integrated Text Analytic Framework for Product Defect Discovery. <i>Production and Operations Management</i> , 2015, 24, 975-990.	2.1	170
81	Predicting Vehicle Recalls with User-Generated Contents: A Text Mining Approach. <i>Lecture Notes in Computer Science</i> , 2015, , 41-50.	1.0	14
82	Examining micro-level knowledge sharing discussions in online communities. <i>Information Systems Frontiers</i> , 2015, 17, 1227-1238.	4.1	12
83	An Analytical Framework for Understanding Knowledge-Sharing Processes in Online Q&A Communities. <i>ACM Transactions on Management Information Systems</i> , 2015, 5, 1-31.	2.1	16
84	Social Media Adoption and Corporate Disclosure. <i>Journal of Information Systems</i> , 2015, 29, 23-50.	0.5	81
85	R&D reporting methods and firm value: evidence from China. <i>Chinese Management Studies</i> , 2014, 8, 375-396.	0.7	14
86	Evolutionary analysis of collaboration networks in the field of information systems. <i>Scientometrics</i> , 2014, 101, 1657-1677.	1.6	13
87	Determinants of users' continuance of social networking sites: A self-regulation perspective. <i>Information and Management</i> , 2014, 51, 595-603.	3.6	268
88	The power of social media analytics. <i>Communications of the ACM</i> , 2014, 57, 74-81.	3.3	420
89	Harnessing global expertise: A comparative study of expertise profiling methods for online communities. <i>Information Systems Frontiers</i> , 2014, 16, 715-727.	4.1	27
90	ExpertRank: A topic-aware expert finding algorithm for online knowledge communities. <i>Decision Support Systems</i> , 2013, 54, 1442-1451.	3.5	162

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91	C-index: A weighted network node centrality measure for collaboration competence. Journal of Informetrics, 2013, 7, 223-239.	1.4	46
92	A relevance feedback approach for the author name disambiguation problem. , 2013, , .		8
93	What's buzzing in the blizzard of buzz? Automotive component isolation in social media postings. Decision Support Systems, 2013, 55, 871-882.	3.5	97
94	The Effects of Social and Technical Factors on User Satisfaction, Sense of Belonging and Knowledge Community Usage. International Journal of E-Collaboration, 2013, 9, 13-30.	0.4	19
95	Vehicle defect discovery from social media. Decision Support Systems, 2012, 54, 87-97.	3.5	195
96	Trace-Oriented Feature Analysis for Large-Scale Text Data Dimension Reduction. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1103-1117.	4.0	36
97	Relevance feedback based on genetic programming for image retrieval. Pattern Recognition Letters, 2011, 32, 27-37.	2.6	65
98	Collective taxonomizing: A collaborative approach to organizing document repositories. Decision Support Systems, 2010, 50, 292-303.	3.5	13
99	Competitive Actions and Dynamics in the Digital Age: An Empirical Investigation of Social Networking Firms. Information Systems Research, 2010, 21, 594-613.	2.2	104
100	An online blog reading system by topic clustering and personalized ranking. ACM Transactions on Internet Technology, 2009, 9, 1-26.	3.0	5
101	Genetic-based approaches in ranking function discovery and optimization in information retrieval " A framework. Decision Support Systems, 2009, 47, 398-407.	3.5	21
102	A genetic programming framework for content-based image retrieval. Pattern Recognition, 2009, 42, 283-292.	5.1	145
103	A Qualitative Study of Web-Based Knowledge Communities. International Journal of E-Collaboration, 2009, 5, 39-57.	0.4	12
104	Automatic Genre-Specific Text Classification. , 2009, , 120-127.		0
105	Integration of complex archeology digital libraries: An ETANA-DL experience. Information Systems, 2008, 33, 699-723.	2.4	19
106	TransRank: A Novel Algorithm for Transfer of Rank Learning. , 2008, , .		16
107	TOFA: Trace Oriented Feature Analysis in Text Categorization. , 2008, , .		1
108	Towards a syllabus repository for computer science courses. SIGCSE Bulletin, 2007, 39, 55-59.	0.1	5

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109	Towards a syllabus repository for computer science courses. , 2007, , .		22
110	Automatic syllabus classification. , 2007, , .		4
111	Using Automatic Metadata Extraction to Build a Structured Syllabus Repository. , 2007, , 337-346.		6
112	Learning Ranking vs. Modeling Relevance. , 2006, , .		0
113	Tapping the power of text mining. Communications of the ACM, 2006, 49, 76-82.	3.3	277
114	Exploring the computing literature with visualization and stepping stones & pathways. Communications of the ACM, 2006, 49, 52-58.	3.3	18
115	Mining web navigations for intelligence. Decision Support Systems, 2006, 41, 574-591.	3.5	35
116	On linear mixture of expert approaches to information retrieval. Decision Support Systems, 2006, 42, 975-987.	3.5	19
117	An integrated two-stage model for intelligent information routing. Decision Support Systems, 2006, 42, 362-374.	3.5	21
118	Nonlinear ranking function representations in genetic programming-based ranking discovery for personalized search. Decision Support Systems, 2006, 42, 1338-1349.	3.5	20
119	Exploring digital libraries. , 2006, , .		30
120	Learning to advertise. , 2006, , .		123
121	Work in Progress: Personalizing a Course Website Using the NSDL. , 2006, , .		0
122	Adaptive Web Search: Evolving a Program That Finds Information. IEEE Intelligent Systems, 2006, 21, 72-77.	4.0	10
123	EtanaCMV: A Visual Browsing Interface for ETANA-DL Based on Coordinated Multiple Views. Lecture Notes in Computer Science, 2006, , 492-494.	1.0	0
124	A Genetic Programming Approach for Combining Structural and Citation-Based Evidence for Text Classification in Web Digital Libraries. , 2006, , 65-83.		3
125	Genetic Programming-Based Discovery of Ranking Functions for Effective Web Search. Journal of Management Information Systems, 2005, 21, 37-56.	2.1	61
126	Effective profiling of consumer information retrieval needs: a unified framework and empirical comparison. Decision Support Systems, 2005, 40, 213-233.	3.5	76

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127	Probabilistic question answering on the Web. Journal of the Association for Information Science and Technology, 2005, 56, 571-583.	2.6	27
128	OCFS. , 2005, , .		76
129	Incremental, Semi-automatic, Mapping-Based Integration of Heterogeneous Collections into Archaeological Digital Libraries: Megiddo Case Study. Lecture Notes in Computer Science, 2005, , 139-150.	1.0	5
130	Tuning before feedback. , 2004, , .		11
131	Combining structural and citation-based evidence for text classification. , 2004, , .		17
132	ETANA-DL. , 2004, , .		9
133	IMMC. , 2004, , .		40
134	Discovery of context-specific ranking functions for effective information retrieval using genetic programming. IEEE Transactions on Knowledge and Data Engineering, 2004, 16, 523-527.	4.0	64
135	A generic ranking function discovery framework by genetic programming for information retrieval. Information Processing and Management, 2004, 40, 587-602.	5.4	78
136	The effects of fitness functions on genetic programming-based ranking discovery for Web search. Journal of the Association for Information Science and Technology, 2004, 55, 628-636.	2.6	84
137	Ranking function optimization for effective Web search by genetic programming: an empirical study. , 2004, , .		9
138	Prototyping Digital Libraries Handling Heterogeneous Data Sources “ The ETANA-DL Case Study. Lecture Notes in Computer Science, 2004, , 186-197.	1.0	14
139	Literature-based discovery on the World Wide Web. ACM Transactions on Internet Technology, 2002, 2, 261-275.	3.0	39
140	DIRECT: a system for mining data value conversion rules from disparate data sources. Decision Support Systems, 2002, 34, 19-39.	3.5	22
141	Getting answers to natural language questions on the Web. Journal of the Association for Information Science and Technology, 2002, 53, 359-364.	2.6	24
142	Discovering and reconciling value conflicts for numerical data integration. Information Systems, 2001, 26, 635-656.	2.4	62
143	Mining the web for answers to natural language questions. , 2001, , .		54
144	Effective information retrieval using genetic algorithms based matching functions adaptation. , 0, , .		59

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145	The more, the better? The effect of feedback and user's past successes on idea implementation in open innovation communities. Journal of the Association for Information Science and Technology, 0, , .	1.5	9
146	DIRECT: A System for Mining Data Value Conversion Rules from Disparate Data Sources. SSRN Electronic Journal, 0, , .	0.4	0