

# Jie Cao

## 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.

149  
papers

2,700  
citations

30  
h-index

46  
g-index

177  
ext. papers

3,488  
ext. citations

4.3  
avg, IF

6.01  
L-index

#	Paper	IF	Citations
149	Event-Triggered $H_\infty$ Load Frequency Control for Multiarea Power Systems Under Hybrid Cyber Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 1665-1678	7.3	162
148	K-Means-Based Consensus Clustering: A Unified View. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2015</b> , 27, 155-169	4.2	112
147	Detecting Prosumer-Community Groups in Smart Grids From the Multiagent Perspective. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 1652-1664	7.3	99
146	. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , <b>2018</b> , 2, 214-223	4.1	81
145	Dynamical Clustering in Electronic Commerce Systems via Optimization and Leadership Expansion. <i>IEEE Transactions on Industrial Informatics</i> , <b>2020</b> , 16, 5327-5334	11.9	77
144	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 32, 1348-1361	4.2	77
143	Shilling attack detection utilizing semi-supervised learning method for collaborative recommender system. <i>World Wide Web</i> , <b>2013</b> , 16, 729-748	2.9	74
142	Dynamic Cluster Formation Game for Attributed Graph Clustering. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 328-341	10.2	73
141	Adaptive event-triggered $H_\infty$ filtering for T-S fuzzy system with time delay. <i>Neurocomputing</i> , <b>2016</b> , 189, 86-94	5.4	66
140	Tunable broadband polarization rotator in terahertz frequency based on graphene metamaterial. <i>Carbon</i> , <b>2018</b> , 133, 170-175	10.4	63
139	Decentralized event-triggered $H_\infty$ control for neural networks subject to cyber-attacks. <i>Information Sciences</i> , <b>2018</b> , 457-458, 141-155	7.7	62
138	Hybrid Collaborative Filtering algorithm for bidirectional Web service recommendation. <i>Knowledge and Information Systems</i> , <b>2013</b> , 36, 607-627	2.4	60
137	Event-Based Security Control for State-Dependent Uncertain Systems Under Hybrid-Attacks and Its Application to Electronic Circuits. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2019</b> , 66, 4817-4828	3.9	56
136	HySAD <b>2012</b> ,		55
135	Weighted modularity optimization for crisp and fuzzy community detection in large-scale networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2016</b> , 462, 386-395	3.3	49
134	Link prediction in temporal networks: Integrating survival analysis and game theory. <i>Information Sciences</i> , <b>2019</b> , 498, 41-61	7.7	48
133	LGEM: Global and local node influence based community detection. <i>Future Generation Computer Systems</i> , <b>2020</b> , 105, 533-546	7.5	47

132	SAIL: Summation-bAsed Incremental Learning for Information-Theoretic Text Clustering. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 570-84	10.2	45
131	Evolving the attribute flow for dynamical clustering in signed networks. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 110, 20-27	9.3	43
130	GLEAM: a graph clustering framework based on potential game optimization for large-scale social networks. <i>Knowledge and Information Systems</i> , <b>2018</b> , 55, 741-770	2.4	43
129	hPSD: A Hybrid PU-Learning-Based Spammer Detection Model for Product Reviews. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 1595-1606	10.2	42
128	Hybrid-driven-based stabilisation for networked control systems. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 2279-2285	2.5	41
127	State estimation for cyber-physical systems with limited communication resources, sensor saturation and denial-of-service attacks. <i>ISA Transactions</i> , <b>2020</b> , 104, 101-114	5.5	41
126	CAMAS: A cluster-aware multiagent system for attributed graph clustering. <i>Information Fusion</i> , <b>2017</b> , 37, 10-21	16.7	40
125	Hybrid-drivenHfilter design for TB fuzzy systems with quantization. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2019</b> , 31, 135-152	4.5	37
124	Local Community Mining on Distributed and Dynamic Networks From a Multiagent Perspective. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 986-99	10.2	36
123	A Graph-based model for context-aware recommendation using implicit feedback data. <i>World Wide Web</i> , <b>2015</b> , 18, 1351-1371	2.9	35
122	Security Control for TB Fuzzy Systems With Adaptive Event-Triggered Mechanism and Multiple Cyber-Attacks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	33
121	Distributed event-triggered H filtering over sensor networks with sensor saturations and cyber-attacks. <i>ISA Transactions</i> , <b>2018</b> , 81, 63-75	5.5	33
120	Similarity based leaf image retrieval using multiscale R-angle description. <i>Information Sciences</i> , <b>2016</b> , 374, 51-64	7.7	31
119	Hfiltering for networked systems with hybrid-triggered communication mechanism and stochastic cyber attacks. <i>Journal of the Franklin Institute</i> , <b>2017</b> , 354, 8490-8512	4	28
118	Game theory based emotional evolution analysis for chinese online reviews. <i>Knowledge-Based Systems</i> , <b>2016</b> , 103, 60-72	7.3	28
117	Microwave Metamaterial Absorber for Non-Destructive Sensing Applications of Grain. <i>Sensors</i> , <b>2018</b> , 18,	3.8	27
116	Fuzzy Consensus Clustering With Applications on Big Data. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 1430-1445	8.3	27
115	Hybrid-triggered-based security controller design for networked control system under multiple cyber attacks. <i>Information Sciences</i> , <b>2021</b> , 548, 69-84	7.7	27

114	Detecting Spammer Groups From Product Reviews: A Partially Supervised Learning Model. <i>IEEE Access</i> , <b>2018</b> , 6, 2559-2568	3.5	26
113	Scaling up cosine interesting pattern discovery: A depth-first method. <i>Information Sciences</i> , <b>2014</b> , 266, 31-46	7.7	26
112	Time Series Modeling of Nano-Gold Immunochromatographic Assay via Expectation Maximization Algorithm. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2013</b> , 60, 3418-24	5	23
111	On Scalability of Association-rule-based Recommendation. <i>ACM Transactions on the Web</i> , <b>2020</b> , 14, 1-21	3.2	23
110	Efficiently Translating Complex SQL Query to MapReduce Jobflow on Cloud. <i>IEEE Transactions on Cloud Computing</i> , <b>2020</b> , 8, 508-517	3.3	23
109	Spammers Detection from Product Reviews: A Hybrid Model <b>2015</b> ,		22
108	On modeling and state estimation for genetic regulatory networks with polytopic uncertainties. <i>IEEE Transactions on Nanobioscience</i> , <b>2013</b> , 12, 13-20	3.4	22
107	Optimal estimation of low-rank factors via feature level data fusion of multiplex signal systems. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	22
106	Quantized state estimation for neural networks with cyber attacks and hybrid triggered communication scheme. <i>Neurocomputing</i> , <b>2018</b> , 291, 35-49	5.4	20
105	State estimation for complex systems with randomly occurring nonlinearities and randomly missing measurements. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 1364-1374	2.3	20
104	Distributed data possession checking for securing multiple replicas in geographically-dispersed clouds. <i>Journal of Computer and System Sciences</i> , <b>2012</b> , 78, 1345-1358	1	20
103	Community Detection in Multi-relational Social Networks. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 43-56	6.9	20
102	Accountable mobile E-commerce scheme via identity-based plaintext-checkable encryption. <i>Information Sciences</i> , <b>2016</b> , 345, 143-155	7.7	19
101	Multi-sphere Support Vector Data Description for Outliers Detection on Multi-distribution Data <b>2009</b> ,		19
100	Parallelizing K-Means-Based Clustering on Spark <b>2016</b> ,		18
99	Online purchase decisions for tourism e-commerce. <i>Electronic Commerce Research and Applications</i> , <b>2019</b> , 38, 100887	4.6	17
98	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 4417-4432	7.3	17
97	Discovering shilling groups in a real e-commerce platform. <i>Online Information Review</i> , <b>2016</b> , 40, 62-78	2	16

96	Analysis of the grain loss in harvest based on logistic regression. <i>Procedia Computer Science</i> , <b>2017</b> , 122, 698-705	1.6	16
95	Personalized itinerary recommendation: Deep and collaborative learning with textual information. <i>Expert Systems With Applications</i> , <b>2020</b> , 144, 113070	7.8	16
94	A recommendation engine for travel products based on topic sequential patterns. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 17595-17612	2.5	15
93	Online mining abnormal period patterns from multiple medical sensor data streams. <i>World Wide Web</i> , <b>2014</b> , 17, 569-587	2.9	15
92	Motif-based functional backbone extraction of complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2019</b> , 526, 121123	3.3	14
91	Semi-SAD <b>2011</b> ,		14
90	Compressed binary discernibility matrix based incremental attribute reduction algorithm for group dynamic data. <i>Neurocomputing</i> , <b>2019</b> , 344, 20-27	5.4	13
89	Application of deep learning and unmanned aerial vehicle technology in traffic flow monitoring <b>2017</b> ,		12
88	cDNA microarray adaptive segmentation. <i>Neurocomputing</i> , <b>2014</b> , 142, 408-418	5.4	11
87	Analysis of Grain Storage Loss Based on Decision Tree Algorithm. <i>Procedia Computer Science</i> , <b>2017</b> , 122, 130-137	1.6	11
86	Robust Task Grouping with Representative Tasks for Clustered Multi-Task Learning <b>2019</b> ,		10
85	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2019</b> , 30, 1722-1737	3.7	10
84	AAC-OT: Accountable Oblivious Transfer With Access Control. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2015</b> , 10, 2502-2514	8	10
83	An effective and scalable overlapping community detection approach: Integrating social identity model and game theory. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 390, 125601	2.7	10
82	A pattern-based topic detection and analysis system on Chinese tweets. <i>Journal of Computational Science</i> , <b>2018</b> , 28, 369-381	3.4	9
81	Travel Recommendation via Fusing Multi-Auxiliary Information into Matrix Factorization. <i>ACM Transactions on Intelligent Systems and Technology</i> , <b>2020</b> , 11, 1-24	8	9
80	Asymmetric stochastic resonance in a bistable system driven by non-Gaussian colored noise. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2019</b> , 517, 321-336	3.3	9
79	Study on prediction model of grain post-harvest loss. <i>Procedia Computer Science</i> , <b>2017</b> , 122, 122-129	1.6	8

78	Enhancing grid-density based clustering for high dimensional data. <i>Journal of Systems and Software</i> , <b>2011</b> , 84, 1524-1539	3.3	8
77	Moving Object Detection Based on Non-parametric Methods and Frame Difference for Traceability Video Analysis. <i>Procedia Computer Science</i> , <b>2016</b> , 91, 995-1000	1.6	8
76	Neural Attentive Travel package Recommendation via exploiting long-term and short-term behaviors. <i>Knowledge-Based Systems</i> , <b>2021</b> , 211, 106511	7.3	8
75	SIMPLE: a simplifying-ensembling framework for parallel community detection from large networks. <i>Cluster Computing</i> , <b>2016</b> , 19, 211-221	2.1	7
74	Polygonal approximation using integer particle swarm optimization. <i>Information Sciences</i> , <b>2014</b> , 278, 311-326	7.7	7
73	A generalized game theoretic framework for mining communities in complex networks. <i>Expert Systems With Applications</i> , <b>2018</b> , 96, 450-461	7.8	7
72	Spotting review spammer groups: A cosine pattern and network based method. <i>Concurrency Computation Practice and Experience</i> , <b>2018</b> , 30, e4686	1.4	6
71	Batch allocation for decomposition-based complex task crowdsourcing e-markets in social networks. <i>Knowledge-Based Systems</i> , <b>2020</b> , 194, 105522	7.3	5
70	Understanding Crowdsourcing Systems from a Multiagent Perspective and Approach. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , <b>2018</b> , 13, 1-32	1.2	5
69	A novel noise filter based on interesting pattern mining for bag-of-features images. <i>Expert Systems With Applications</i> , <b>2013</b> , 40, 7555-7561	7.8	5
68	SEA <b>2013</b> ,		5
67	Random radial basis function kernel-based support vector machine. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 10121-10121	4	5
66	Towards a Tricky Group Shilling Attack Model against Recommender Systems. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 675-688	0.9	5
65	Personalized Recommendation on Multi-Layer Context Graph. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 135-148	0.9	5
64	Random compact Gaussian kernel: Application to ELM classification and regression. <i>Knowledge-Based Systems</i> , <b>2021</b> , 217, 106848	7.3	5
63	Measuring the Network Vulnerability Based on Markov Criticality. <i>ACM Transactions on Knowledge Discovery From Data</i> , <b>2021</b> , 16, 1-24	4	5
62	An efficient alpha seeding method for optimized extreme learning machine-based feature selection algorithm. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 134, 104505	7	5
61	Predicting Grain Losses and Waste Rate Along the Entire Chain: A Multitask Multigated Recurrent Unit Autoencoder Based Method. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4390-4400	11.9	5

60	Proximity-based group formation game model for community detection in social network. <i>Knowledge-Based Systems</i> , <b>2021</b> , 214, 106670	7.3	5
59	Indoor Region Localization With Asynchronous Sensing Data: A Bayesian Probabilistic Model. <i>IEEE Sensors Journal</i> , <b>2018</b> , 18, 10174-10182	4	5
58	Detecting overlapping communities in poly-relational networks. <i>World Wide Web</i> , <b>2015</b> , 18, 1373-1390	2.9	4
57	A Framework for Food Traceability Information Extraction Based on a Video Surveillance System. <i>Procedia Computer Science</i> , <b>2015</b> , 55, 1285-1292	1.6	4
56	A backbone extraction method with Local Search for complex weighted networks <b>2014</b> ,		4
55	Scaling Information-Theoretic Text Clustering: A Sampling-based Approximate Method <b>2014</b> ,		4
54	Energy Efficiency in RF Energy Harvesting-Powered Distributed Antenna Systems for the Internet of Things. <i>Sensors</i> , <b>2020</b> , 20,	3.8	4
53	Attentive multi-task learning for group itinerary recommendation. <i>Knowledge and Information Systems</i> , <b>2021</b> , 63, 1687-1716	2.4	4
52	Research on Agricultural Environment Prediction Based on Deep Learning. <i>Procedia Computer Science</i> , <b>2018</b> , 139, 33-40	1.6	4
51	Semi-SGD: Semi-Supervised Learning Based Spammer Group Detection in Product Reviews <b>2017</b> ,		3
50	A comparative study of shilling attack detectors for recommender systems <b>2015</b> ,		3
49	Link communities detection: an embedding method on the line hypergraph. <i>Neurocomputing</i> , <b>2019</b> , 367, 46-54	5.4	3
48	An Improved Protocol for Deadlock and Livelock Avoidance Resource Co-allocation in Network Computing. <i>World Wide Web</i> , <b>2010</b> , 13, 373-388	2.9	3
47	Discovering Communities in Multi-relational Networks. <i>Human-computer Interaction Series</i> , <b>2015</b> , 75-95	0.6	3
46	A Multi-level Traceability System Based on GraphLab. <i>Procedia Computer Science</i> , <b>2016</b> , 91, 971-977	1.6	3
45	A polynomial-time algorithm for simple undirected graph isomorphism. <i>Concurrency Computation Practice and Experience</i> , <b>2021</b> , 33, 1-1	1.4	3
44	Compactness Preserving Community Computation Via a Network Generative Process. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , <b>2021</b> , 1-13	4.1	3
43	An Efficient Distributed-Computing Framework for Association-Rule-Based Recommendation <b>2018</b> ,		3

42	Attribute-Based Information Flow Control. <i>Computer Journal</i> , <b>2019</b> , 62, 1214-1231	1.3	2
41	A real-time abnormality detection system for intensive care management <b>2013</b> ,		2
40	<b>2014</b> ,		2
39	Multi-view Graph Attention Network for Travel Recommendation. <i>Expert Systems With Applications</i> , <b>2022</b> , 191, 116234	7.8	2
38	Location-Centered House Price Prediction: A Multi-Task Learning Approach. <i>ACM Transactions on Intelligent Systems and Technology</i> , <b>2022</b> , 13, 1-25	8	2
37	Inference and prediction of malaria transmission dynamics using time series data. <i>Infectious Diseases of Poverty</i> , <b>2020</b> , 9, 95	10.4	2
36	DGWC: Distributed and generic web crawler for online information extraction <b>2016</b> ,		2
35	A Stock Index Prediction Framework: Integrating Technical and Topological Mesoscale Indicators <b>2019</b> ,		2
34	A novel recursive gene selection method based on least square kernel extreme learning machine. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2021</b> , PP,	3	2
33	Average AoI Minimization in UAV-assisted Data Collection with RF Wireless Power Transfer: A Deep Reinforcement Learning Scheme. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	2
32	<b>2018</b> ,		2
31	A Sequential Recommendation for Mobile Apps: What Will User Click Next App? <b>2018</b> ,		2
30	Graph convolutional network with multi-similarity attribute matrices fusion for node classification. <i>Neural Computing and Applications</i> ,1	4.8	2
29	A multi-task learning approach for improving travel recommendation with keywords generation. <i>Knowledge-Based Systems</i> , <b>2021</b> , 233, 107521	7.3	2
28	Discovering Overlapping Communities by Clustering Local Link Structures. <i>Chinese Journal of Electronics</i> , <b>2017</b> , 26, 430-434	0.9	1
27	Self-representation dimensionality reduction for multi-model classification. <i>Neurocomputing</i> , <b>2017</b> , 253, 154-161	5.4	1
26	Robust fault estimation of discrete-time nonlinear system based on an enhanced maximum-priority-based switching law. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 5073-5090	4	1
25	Food Traceability System Based on 3D City Models and Deep Learning. <i>Annals of Data Science</i> , <b>2016</b> , 3, 89-100	1.6	1



24	TIDM: Topic-Specific Information Detection Model. <i>Procedia Computer Science</i> , <b>2017</b> , 122, 229-236	1.6	1
23	<b>2017</b> ,		1
22	Overlapping Community Extraction: A Link Hypergraph Partitioning Based Method <b>2014</b> ,		1
21	Engaging voluntary contributions in online review platforms: The effects of a hierarchical badges system. <i>Computers in Human Behavior</i> , <b>2022</b> , 127, 107042	7.7	1
20	3D Model-Based Food Traceability Information Extraction Framework. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 112-119	0.9	1
19	Understanding User Behavior through URL Analysis in Sina Tweets. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 98-108	0.9	1
18	Online Public Opinion System: Design and Applications <b>2016</b> ,		1
17	IIRank: A Novel Algorithm for Identifying Influencers in Micro-Blog Social Networks <b>2019</b> ,		1
16	Verifying the claimed sale-ranking trustworthy: A maximum marginal relevance-based ranking method. <i>Concurrency Computation Practice and Experience</i> , <b>2019</b> , 31, e5466	1.4	1
15	Maintenance and Management of Marine Communication and Navigation Equipment Based on Virtual Reality. <i>Procedia Computer Science</i> , <b>2018</b> , 139, 221-226	1.6	1
14	Parallel Attribute Reduction Algorithm for Complex Heterogeneous Data Using MapReduce. <i>Complexity</i> , <b>2018</b> , 2018, 1-11	1.6	1
13	Intra- and inter-association attention network-enhanced policy learning for social group recommendation. <i>World Wide Web</i> , 1	2.9	1
12	Coverage Performance of UAV-Assisted SWIPT Networks with Directional Antennas. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	0
11	the Algorithm of Warehouse Vehicle Trajectory Intelligent Identification. <i>Procedia Computer Science</i> , <b>2018</b> , 139, 64-70	1.6	0
10	Community Detection via Local Learning Based on Generalized Metric With Neighboring Regularization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-13	7.3	
9	Extreme Learning Regression for nu Regularization. <i>Applied Artificial Intelligence</i> , <b>2020</b> , 34, 378-395	2.3	
8	MVE-FLK: A multi-task legal judgment prediction via multi-view encoder fusing legal keywords. <i>Knowledge-Based Systems</i> , <b>2022</b> , 239, 107960	7.3	
7	Functional Dependency Discovery on Distributed Database: Sampling Verification Framework. <i>Communications in Computer and Information Science</i> , <b>2020</b> , 463-476	0.3	

6	Predicting Replacement of Smartphones with Mobile App Usage. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 343-351	0.9
5	Dynamic Advance Reservation for Grid System Using Resource Pools. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 123-134	0.9
4	Exploiting Space-Time Status for Service Recommendation. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 245-256	0.9
3	A Cloud System for Community Extraction from Super-Large Scale Social Networks. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 499-502	0.9
2	Local Community Extraction for Non-overlapping and Overlapping Community Detection. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 98-111	0.9
1	Adaptive Separation Model for Electromagnetic Pulse Coupling Signals of Engine Digital Controllers. <i>Journal of Electrical Engineering and Technology</i> , 1	1.4