

# Jinfang Sheng

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

464  
citations

933447  
10  
h-index

794594  
19  
g-index

44  
all docs

44  
docs citations

44  
times ranked

286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying Influential Nodes in Complex Networks Based on Weighted Formal Concept Analysis. IEEE Access, 2017, 5, 3777-3789.	4.2	56
2	Identifying influential nodes in complex networks based on global and local structure. Physica A: Statistical Mechanics and Its Applications, 2020, 541, 123262.	2.6	47
3	Identifying vital nodes from local and global perspectives in complex networks. Expert Systems With Applications, 2021, 186, 115778.	7.6	44
4	Identification of nodes influence based on global structure model in complex networks. Scientific Reports, 2021, 11, 6173.	3.3	40
5	Computation Offloading Strategy in Mobile Edge Computing. Information (Switzerland), 2019, 10, 191.	2.9	36
6	Identifying Influential Nodes in Complex Networks Based on Local Neighbor Contribution. IEEE Access, 2019, 7, 131719-131731.	4.2	24
7	A Resource Service Model in the Industrial IoT System Based on Transparent Computing. Sensors, 2018, 18, 981.	3.8	20
8	Identification of Influential Nodes via Effective Distance-based Centrality Mechanism in Complex Networks. Complexity, 2021, 2021, 1-16.	1.6	20
9	Overlapping Community Detection Based on Information Dynamics. IEEE Access, 2018, 6, 70919-70934.	4.2	13
10	Community detection based on information dynamics. Neurocomputing, 2019, 359, 341-352.	5.9	13
11	Escape velocity centrality: escape influence-based key nodes identification in complex networks. Applied Intelligence, 2022, 52, 16586-16604.	5.3	13
12	Community detection based on human social behavior. Physica A: Statistical Mechanics and Its Applications, 2019, 531, 121765.	2.6	11
13	A novel relevance-based information interaction model for community detection in complex networks. Expert Systems With Applications, 2022, 196, 116607.	7.6	11
14	Identifying Influential Nodes of Complex Networks Based on Trust-Value. Algorithms, 2020, 13, 280.	2.1	10
15	Identifying Communities in Dynamic Networks Using Information Dynamics. Entropy, 2020, 22, 425.	2.2	9
16	Effects of trust-driven updating rule based on reputation in spatial prisoner's dilemma games. Physica A: Statistical Mechanics and Its Applications, 2021, 579, 126135.	2.6	9
17	Evaluating COTS Components Using Gap Analysis. , 2008, , .		8
18	Overlapping community detection via preferential learning model. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121265.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Uncovering Hidden Community Structure in Multi-Layer Networks. Applied Sciences (Switzerland), 2021, 11, 2857.	2.5	7
20	An Improved Neural Network Algorithm and its Application in Sinter Cost Prediction. , 2009, , .		6
21	Research on Community Detection in Complex Networks Based on Internode Attraction. Entropy, 2020, 22, 1383.	2.2	6
22	BTP Prediction Model Based on ANN and Regression Analysis. , 2009, , .		5
23	A novel measure for influence nodes across complex networks based on node attraction. International Journal of Modern Physics C, 2021, 32, 2150012.	1.7	5
24	P2P Anti-worm: Modeling and Analysis of a New Worm Counter-measurement Strategy. , 2008, , .		4
25	AWright-ADL for Aspectual Component Composition Platform. , 2008, , .		4
26	A SOA based Model driven Rapid Development Architecture - SMRDA. , 2010, , .		4
27	The optimization of Transparentâ€Desktop service mechanism based on SPICE. Concurrency Computation Practice and Experience, 2016, 28, 4543-4556.	2.2	4
28	Influential nodes identification using network local structural properties. Scientific Reports, 2022, 12, 1833.	3.3	4
29	Research on Model of Dual Core Aspectual Middleware &#x0026; Dynamic Weaving Technology. , 2008, , .		3
30	Road network link prediction model based on subgraph pattern. International Journal of Modern Physics C, 2020, 31, 2050083.	1.7	3
31	Optimization of software cost estimation model based on biogeography-based optimization algorithm. Intelligent Decision Technologies, 2021, 14, 441-448.	0.9	3
32	Node Trust: an effective method to detect non-overlapping community in social networks. Modern Physics Letters B, 2021, 35, 2150036.	1.9	3
33	A Formal Description Method for Aspect-Oriented Statechart Based on CSP. , 2008, , .		2
34	The Optimization of Network Performance Evaluation Method for Virtual Desktop QoE Based on SPICE. Communications in Computer and Information Science, 2019, , 141-151.	0.5	2
35	Community detection in complex network by network embedding and density clustering. Journal of Intelligent and Fuzzy Systems, 2021, 41, 6273-6284.	1.4	2
36	MDA-based automated generation method of test cases and supporting framework. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
37	Holographic view language hvl4dcam for aspectual middleware platform. , 2010, , .		1
38	A RFID-Based Context-Aware Service Model. , 2011, , .		1
39	FluidC+: A novel community detection algorithm based on fluid propagation. International Journal of Modern Physics C, 2019, 30, 1950021.	1.7	1
40	A software defined caching framework based on user access behavior analysis for transparent computing server. Peer-to-Peer Networking and Applications, 2020, 13, 64-81.	3.9	1
41	Extending FCD Process to Support COTS Selection. , 2008, , .		0
42	Research on distributed aspect-components model and collaboration framework for DCAM. , 2010, , .		0
43	Plug-In Based Integrated Development Platform for Industrial Control System-P-IDP4ICS. , 2011, , .		0
44	Community Detection Based on a Preferential Decision Model. Information (Switzerland), 2020, 11, 53.	2.9	0