

Jiajing Wu

List of Publications by Year in Descending Order

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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.

60
papers

1,008
citations

18
h-index

30
g-index

67
ext. papers

1,369
ext. citations

3.5
avg, IF

5.27
L-index

#	Paper	IF	Citations
60	Analyzing Robustness of Complex Networks Against Incomplete Information. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	1
59	Phishing Detection on Ethereum via Attributed Ego-graph Embedding. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	1
58	Ethereum Account Classification based on Graph Convolutional Network. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	2
57	FA-GNN: Filter and Augment Graph Neural Networks for Account Classification in Ethereum. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	1
56	Ethereum transaction tracking: Inferring evolution of transaction networks via link prediction. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022 , 127504	3.3	1
55	Heterogeneous Feature Augmentation for Ponzi Detection in Ethereum. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	2
54	Deep Learning-Based Transaction Prediction in Ethereum. <i>Communications in Computer and Information Science</i> , 2021 , 30-43	0.3	
53	Complex Network Analysis of the Bitcoin Transaction Network. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	5
52	Portraits of Typical Accounts in Ethereum Transaction Network. <i>Communications in Computer and Information Science</i> , 2021 , 44-56	0.3	
51	Revealing Structural and Functional Vulnerability of Power Grids to Cascading Failures. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , 2021 , 11, 133-143	5.2	5
50	Sequential Node Attack of Complex Networks Based on Q-Learning Method 2021 ,		2
49	Transaction-Based Hidden Strategies against General Phishing Detection Framework on Ethereum 2021 ,		4
48	Sequential Restorations of Complex Networks After Cascading Failures. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 400-411	7.3	19
47	. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-12	4.5	2
46	Overview of Blockchain Intelligence 2021 , 1-14		0
45	Enhancing Robustness and Transmission Performance of Heterogeneous Complex Networks via Multiobjective Optimization. <i>IEEE Systems Journal</i> , 2021 , 1-12	4.3	0
44	Analysis and Mining of Blockchain Transaction Network 2021 , 41-71		

43	Analysis of cryptocurrency transactions from a network perspective: An overview. <i>Journal of Network and Computer Applications</i> , 2021 , 190, 103139	7.9	16
42	Preference for Number of Friends in Online Social Networks. <i>Future Internet</i> , 2021 , 13, 236	3.3	1
41	Do cryptocurrency exchanges fake trading volumes? An empirical analysis of wash trading based on data mining. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021 , 586, 126405	3.3	4
40	Sequential Attacker-Defender Game on Complex Networks Considering the Cascading Failure Process. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-12	4.5	0
39	Detecting Mixing Services via Mining Bitcoin Transaction Network With Hybrid Motifs. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	25
38	Understanding Ethereum Transactions via Network Approach. <i>Big Data Management</i> , 2021 , 155-176	0	2
37	XBlock-ETH: Extracting and Exploring Blockchain Data From Ethereum. <i>IEEE Open Journal of the Computer Society</i> , 2020 , 1, 95-106	3.6	30
36	An asymmetric interdependent networks model for cyber-physical systems. <i>Chaos</i> , 2020 , 30, 053135	3.3	9
35	T-EDGE: Temporal WEighted MultiDiGraph Embedding for Ethereum Transaction Network Analysis. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	10
34	CDS: A CrossVersion Software Defect Prediction Model With Data Selection. <i>IEEE Access</i> , 2020 , 8, 110059-110072	3.3	10062
33	Modeling and Understanding Ethereum Transaction Records via a Complex Network Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020 , 67, 2737-2741	3.5	32
32	Long-range dependence, multi-fractality and volume-return causality of Ether market. <i>Chaos</i> , 2020 , 30, 011101	3.3	5
31	Phishing Detection on Ethereum via Learning Representation of Transaction Subgraphs. <i>Communications in Computer and Information Science</i> , 2020 , 178-191	0.3	8
30	Exploring EOSIO via Graph Characterization. <i>Communications in Computer and Information Science</i> , 2020 , 475-488	0.3	2
29	Blockchain for cloud exchange: A survey. <i>Computers and Electrical Engineering</i> , 2020 , 81, 106526	4.3	46
28	Cross Entropy Attack on Deep Graph Infomax 2020 ,		2
27	Sequential Recovery of Complex Networks Suffering From Cascading Failure Blackouts. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 2997-3007	4.9	11
26	Who Are the Phishers? Phishing Scam Detection on Ethereum via Network Embedding. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	35

25	Sequential topology recovery of complex power systems based on reinforcement learning. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 535, 122487	3.3	16
24	Introduction to Focus Issue: Complex Network Approaches to Cyber-Physical Systems. <i>Chaos</i> , 2019 , 29, 093123	3.3	14
23	Robustness of Asymmetric Cyber-Physical Power Systems Against Cyber Attacks. <i>IEEE Access</i> , 2019 , 7, 61342-61352	3.5	25
22	Sequential Node/Link Recovery Strategy of Power Grids Based on Q-Learning Approach 2019 ,		4
21	Robustness assessment of cyber-physical systems with weak interdependency. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019 , 522, 9-17	3.3	33
20	Eradicating abrupt collapse on single network with dependency groups. <i>Chaos</i> , 2019 , 29, 083111	3.3	6
19	Robustness Analysis of Power Grids Against Cascading Failures Based on a Multi-Objective Algorithm 2019 ,		2
18	A Secure and Efficient Blockchain-Based Data Trading Approach for Internet of Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 9110-9121	6.8	56
17	Cooperative and Distributed Computation Offloading for Blockchain-Empowered Industrial Internet of Things. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8433-8446	10.7	75
16	Optimal topologies for maximizing network transmission capacity. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 495, 191-201	3.3	12
15	A Stochastic Model of Cascading Failure Dynamics in Communication Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 632-636	3.5	58
14	Measuring Cohesion of Software Systems Using Weighted Directed Complex Networks 2018 ,		1
13	Abnormal phenomenon in robustness of complex networks with heterogeneous node functions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 506, 451-461	3.3	14
12	Robustness of Interdependent Power Grids and Communication Networks: A Complex Network Perspective. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 115-119	3.5	152
11	Optimizing robustness of complex networks with heterogeneous node functions based on the Memetic Algorithm. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 511, 143-153	3.3	7
10	Bifurcation in Transmission Networks Under Variation of Link Capacity. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850093	2	4
9	Effects of traffic generation patterns on the robustness of complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018 , 492, 871-877	3.3	16
8	Identifying Influential Nodes in Complex Networks via Semi-Local Centrality 2018 ,		4

7	Optimal Coupling Patterns in Interconnected Communication Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018 , 65, 1109-1113	3.5	21
6	Complex-Network-Inspired Design of Traffic Generation Patterns in Communication Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 590-594	3.5	28
5	Concept of Node Usage Probability From Complex Networks and Its Applications to Communication Network Design. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015 , 62, 1195-1204	3.9	20
4	Optimizing Performance of Communication Networks: An Application of Network Science. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2015 , 62, 95-99	3.5	20
3	Effective routing algorithms based on node usage probability from a complex network perspective 2014 ,		3
2	Traffic congestion in interconnected complex networks. <i>Physical Review E</i> , 2014 , 89, 062813	2.4	75
1	Analysis of Communication Network Performance From a Complex Network Perspective. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2013 , 60, 3303-3316	3.9	52