

Wei Peng

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

658
citations

1163117

8
h-index

794594

19
g-index

60
all docs

60
docs citations

60
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	AHBP: An efficient broadcast protocol for mobile Ad hoc networks. Journal of Computer Science and Technology, 2001, 16, 114-125.	1.5	149
2	A Blockchain-Based Authentication and Security Mechanism for IoT. , 2018, , .		99
3	On the reduction of broadcast redundancy in mobile ad hoc networks. , 0, , .		98
4	Secure Remote Multi-Factor Authentication Scheme Based on Chaotic Map Zero-Knowledge Proof for Crowdsourcing Internet of Things. IEEE Access, 2020, 8, 8754-8767.	4.2	32
5	A Random Road Network Model and Its Effects on Topological Characteristics of Mobile Delay-Tolerant Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2706-2718.	5.8	27
6	A decomposition-based multi-objective Particle Swarm Optimization algorithm for continuous optimization problems. , 2008, , .		24
7	A Fast Algorithm to Find All-Pairs Shortest Paths in Complex Networks. Procedia Computer Science, 2012, 9, 557-566.	2.0	23
8	A Polling-Based Traffic-Aware MAC Protocol for Centralized Full-Duplex Wireless Networks. IEEE Access, 2018, 6, 28225-28238.	4.2	17
9	Center-Less Single Sign-On With Privacy-Preserving Remote Biometric-Based ID-MAKA Scheme for Mobile Cloud Computing Services. IEEE Access, 2019, 7, 137770-137783.	4.2	17
10	State of the Art: Secure Mobile Payment. IEEE Access, 2020, 8, 13898-13914.	4.2	15
11	A cluster-based multipath dynamic source routing in MANET. , 0, , .		13
12	A study of IP prefix hijacking in cloud computing networks. Security and Communication Networks, 2014, 7, 2201-2210.	1.5	12
13	SecRec: A Privacy-Preserving Method for the Context-Aware Recommendation System. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 3168-3182.	5.4	10
14	An efficient random walks based approach to reducing file locating delay in unstructured P2P network. , 2005, , .		8
15	Assessing the Impact of Cascading Failures on the Interdomain Routing System of the Internet. New Generation Computing, 2014, 32, 237-255.	3.3	8
16	Solving multi-scenario cardinality constrained optimization problems via multi-objective evolutionary algorithms. Science China Information Sciences, 2019, 62, 1.	4.3	8
17	Assessing the vulnerability of network topologies under large-scale regional failures. Journal of Communications and Networks, 2012, 14, 451-460.	2.6	7
18	Energy-constrained ferry route design for sparse wireless sensor networks. Journal of Central South University, 2013, 20, 3142-3149.	3.0	7

#	ARTICLE	IF	CITATIONS
19	A secure publish/subscribe protocol for Internet of Things using identity-based cryptography. , 2016, , .		7
20	Ferry Route Design with Delay Bounds in Delay-Tolerant Networks. , 2010, , .		6
21	TAFR: A TTL-aware Message Ferry Scheme in DTN. , 2012, , .		6
22	Routing Algorithm Based on Ant Colony Optimization for DTN Congestion Control. , 2012, , .		6
23	A Distributed Routing Algorithm for LEO Satellite Networks. , 2013, , .		6
24	Improving the Accuracy of Network Intrusion Detection with Causal Machine Learning. Security and Communication Networks, 2021, 2021, 1-18.	1.5	6
25	CommonFinder: A decentralized and privacy-preserving common-friend measurement method for the distributed online social networks. Computer Networks, 2014, 64, 369-389.	5.1	5
26	Multi-objective evolutionary computation for topology coverage assessment problem. Knowledge-Based Systems, 2019, 177, 1-10.	7.1	5
27	Towards efficient and practical network coding in delay tolerant networks. Computers and Mathematics With Applications, 2012, 63, 588-600.	2.7	4
28	A TLP approach for BGP based on local speculation. Science in China Series F: Information Sciences, 2008, 51, 1772-1784.	1.1	3
29	NTC: Towards Efficient Network Coding in Delay Tolerant Networks. , 2011, , .		3
30	A Random Road Network Model for Mobility Modeling in Mobile Delay-Tolerant Networks. , 2012, , .		3
31	A Heterogeneous Dual-Channel Routing Protocol Based on OLSR for FANETs. , 2021, , .		3
32	A distributed hierarchical routing protocol for non-GEO satellite networks. , 0, , .		2
33	Maximum Flow Based Model and Method of the Maximum Lifetime Problem of Sensor Networks. , 2006, , .		2
34	iRoute: A scalable inter-domain multi-path routing framework for multimedia transmission. , 2011, , .		2
35	Following Routing: An Active Congestion Control Approach for Delay-Tolerant Networks. , 2012, , .		2
36	An Analysis of Impact of End-to-end Delay on LDoS Flows in the Internet. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
37	The Relation on Prefix Hijacking and the Internet Hierarchy. , 2012, , .		2
38	A Location Management Algorithm for LEO Satellite Networks. , 2013, , .		2
39	Evolutionary job scheduling with optimized population by deep reinforcement learning. Engineering Optimization, 2023, 55, 494-509.	2.6	2
40	Novel multipath routing protocol integrated with forward error correction in MANET. Central South University, 2006, 13, 196-199.	0.5	1
41	RWPAD: A Mobility Model for DTN Routing Performance Evaluation. , 2010, , .		1
42	Exploiting Full-Duplex Communication in AP-Based Wireless Networks via a Novel MAC Protocol. , 2018, , .		1
43	NCZKP Based Privacy-Preserving Authentication Scheme for the Untrusted Gateway Node Smart Home Environment. , 2020, , .		1
44	Assessing Survivability of Inter-domain Routing System under Cascading Failures. Communications in Computer and Information Science, 2013, , 97-108.	0.5	1
45	An approach to support IP multicasting in networks with mobile hosts. Journal of Computer Science and Technology, 1999, 14, 529-538.	1.5	0
46	Traffic Management Optimization on Power-Controllable Sensor Networks. , 2006, , .		0
47	A Vertex-Arc-United Bidirectional Adjustment Algorithm in Lifetime Optimization of Sensor Networks. , 0, , .		0
48	An ID-Based Partially Blind Signature Scheme With Adaptive Delegation For Networked Embedded Systems. Intelligent Automation and Soft Computing, 2009, 15, 485-493.	2.1	0
49	Improved Algorithm for Network Topology Probe Based on Binary Search. , 2011, , .		0
50	Building Practical Self Organization Networks on Heterogeneous Wireless Modems. , 2011, , .		0
51	Study on IP Prefix Hijacking in Cloud Computing Networks Based on Attack Planning. , 2011, , .		0
52	A 3N Approach to Network Control and Management. , 2012, , .		0
53	GEAS: A GA-ES-mixed algorithm for parameterized optimization problems — Using CLS problem as an example. , 2014, , .		0
54	A secure and reliable coding scheme over wireless links in cyber-physical systems. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
55	An Improved Identity-Based Secure Mobile Ad-Hoc Network Routing Protocol. , 2017, , .		0
56	Flow Control with Max-Min Fairness and Path Constraints in Software-Defined Networks. , 2018, , .		0
57	Analysis and Optimization of Full-Duplex Access Point Deployment for WLANs. IEICE Transactions on Communications, 2019, E102.B, 1209-1218.	0.7	0
58	An Improved Cryptanalysis Algorithm for Chebyshev Map-Based Discrete Logarithm Problem. Lecture Notes in Computer Science, 2021, , 118-130.	1.3	0
59	Understanding the Influence of Network Topology and Network-layer Naming on the Scalability of Routing. Journal of Communications, 2013, 8, 672-680.	1.6	0
60	GLIB: A Global and Local Integrated Load Balancing Scheme for Datacenter Network. , 2022, , .		0