

Xiaoyan Hong

List of Publications by Year in descending order

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66
papers

536
citations

1307594

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all docs

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docs citations

66
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	An Identity-Free and On-Demand Routing Scheme against Anonymity Threats in Mobile Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2007, 6, 888-902.	5.8	77
2	Anonymous Geo-Forwarding in MANETs through Location Cloaking. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1297-1309.	5.6	39
3	Analysis of mobility patterns for urban taxi cabs. , 2012, , .		30
4	A survey of anonymity in wireless communication systems. Security and Communication Networks, 2009, 2, 427-444.	1.5	28
5	An Agenda Based Mobility Model. , 0, , .		26
6	A dual-active spatial cloaking algorithm for location privacy preserving in mobile peer-to-peer networks. , 2012, , .		22
7	Density-Aware Delay-Tolerant Interest Forwarding in Vehicular Named Data Networking. , 2016, , .		20
8	Effective Probabilistic Approach Protecting Sensor Traffic. , 0, , .		18
9	A Hierarchical Anonymous Routing Scheme for Mobile Ad-Hoc Networks. , 2006, , .		16
10	A Comparison of Reliable Multicast Protocols for Mobile Ad Hoc Networks. , 0, , .		14
11	SMART: A selective controlled-flooding routing for delay tolerant networks. , 2007, , .		13
12	Latency Analysis for Thrown Box Based Message Dissemination. , 2010, , .		13
13	Mobility Changes Anonymity: Mobile Ad Hoc Networks Need Efficient Anonymous Routing. , 0, , .		12
14	Protecting Location Privacy with Dynamic Mac Address Exchanging in Wireless Networks. , 2007, , .		12
15	Engineering traffic uncertainty in the OpenFlow data plane. , 2016, , .		12
16	Mobility changes anonymity: new passive threats in mobile ad hoc networks. Wireless Communications and Mobile Computing, 2006, 6, 281-293.	1.2	11
17	Privacy-preserving secure relative localization in vehicular networks. Security and Communication Networks, 2008, 1, 195-204.	1.5	11
18	Selective Message Forwarding in Delay Tolerant Networks. Mobile Networks and Applications, 2009, 14, 387-400.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Evaluating Interest Broadcast in Vehicular Named Data Networking. , 2014, , .		10
20	Articulation Node Based Routing in delay tolerant networks. , 2009, , .		9
21	Reliable Forwarding Strategy in Vehicular Networks Using NDN. , 2016, , .		9
22	Privacy-Preserving Quick Authentication in Fast Roaming Networks. Local Computer Networks (LCN), Proceedings of the IEEE Conference on, 2006, , .	0.0	8
23	BioStaR: A Bio-inspired Stable Routing for Cognitive Radio Networks. , 2012, , .		8
24	A Named-Data Networking Approach to Underwater Monitoring Systems. , 2015, , .		8
25	Experimental evaluation of LANMAR, a scalable ad-hoc routing protocol. , 0, , .		6
26	A Secure Data Transmission Scheme for Mobile Ad Hoc Networks. , 2007, , .		6
27	On-Demand Anonymous Routing with Distance Vector Protecting Traffic Privacy in Wireless Multi-hop Networks. , 2008, , .		6
28	<i>X</i>-Region: A framework for location privacy preservation in mobile peer-to-peer networks. International Journal of Communication Systems, 2015, 28, 167-186.	2.5	6
29	Exploiting mobility in large scale ad hoc wireless networks. , 0, , .		5
30	A Traffic-Aware Energy Efficient Routing Protocol for Wireless Sensor Networks. , 2006, , .		4
31	Critical Phase of Connectivity in Wireless Network Expansion. , 2010, , .		4
32	Delay analysis of Wireless Ad Hoc networks: Single vs. multiple radio. , 2010, , .		4
33	Optimal routing strategy in throw-box based delay tolerant network. , 2011, , .		4
34	Evaluation of Security Vulnerabilities by Using ProtoGENI as a Launchpad. , 2011, , .		4
35	Analysis for bio-inspired thrown-box assisted message dissemination in delay tolerant networks. Telecommunication Systems, 2013, 52, 217-227.	2.5	4
36	Modeling Worm Propagation through Hidden Wireless Connections. , 2009, , .		3

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37	Mobility identification and clustering in sparse mobile networks. , 2009, , .		3
38	Capacity-Aware Routing Using Throw-Boxes. , 2011, , .		3
39	A caching strategy in mobile ad hoc named data network. , 2011, , .		3
40	ProtoGENI, a Prototype GENI Under Security Vulnerabilities: An Experiment-Based Security Study. IEEE Systems Journal, 2013, 7, 478-488.	4.6	3
41	Lossless reconfiguration protocol for multi-domain data plane in software-defined networks. , 2014, , .		3
42	Easy Path Programming: Elevate Abstraction Level for Network Functions. IEEE/ACM Transactions on Networking, 2018, 26, 189-202.	3.8	3
43	RL-Sketch: Scaling Reinforcement Learning for Adaptive and Automate Anomaly Detection in Network Data Streams. , 2019, , .		3
44	Hybrid Landmark Routing in Ad Hoc Networks with Heterogeneous Group Mobility. , 0, , .		2
45	A Dynamic Data Grid Replication Strategy to Minimize the Data Missed. , 2006, , .		2
46	Resource allocation for restoration of compromised systems. Journal of Combinatorial Optimization, 2006, 12, 35-56.	1.3	2
47	Delay management in delay-tolerant networks. International Journal of Network Management, 2008, 18, 521-537.	2.2	2
48	Programming network via Distributed Control in Software-Defined Networks. , 2014, , .		2
49	Safe Reconfiguring Data Plane via Supervision over Resource and Flow States. Chinese Journal of Electronics, 2015, 24, 642-647.	1.5	2
50	Discovering Meaningful Mobility Behaviors of Campus Life from User-Centric WiFi Traces. , 2017, , .		2
51	Nonlinear Resource Allocation in Restoration of Compromised Systems. , 2006, , .		1
52	Protecting Location Privacy with Dynamic Mac Address Exchanging in Wireless Networks. , 2007, , .		1
53	Complexity-theoretic Modeling of Biological Cyanide Poisoning as Security Attack in Self-organizing Networks. , 2007, , .		1
54	Strategies for time-based multi-path secure information disseminations in MANETs. , 2008, , .		1

#	ARTICLE	IF	CITATIONS
55	Collaborated Camouflaging Mobility for Mobile Privacy. , 2008, , .		1
56	Using camouflaging mobility to protect privacy in mobile ad hoc networks. Security and Communication Networks, 2009, 2, n/a-n/a.	1.5	1
57	Interference minimizing channel assignment using partially overlapped channels in multi-radio multi-channel wireless mesh networks (non-refereed). , 2009, , .		1
58	Virtualized Platform for Multicast Services in Software Defined Networks. Chinese Journal of Electronics, 2017, 26, 453-459.	1.5	1
59	Sustain Vehicle-Crowds via Traffic Signal Adjustments. , 2018, , .		1
60	A locally-optimizing approach for multichannel assignment and routing. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	0
61	Camouflaging mobility for itinerary privacy in mobile ad-hoc networks. , 2008, , .		0
62	Connectivity Transition for Wireless Networks with Growing Processes. , 2010, , .		0
63	Experiences with CS2 and data structures in the 100 problems format. , 2011, , .		0
64	Constructing time-varying contact graphs for heterogeneous delay tolerant networks. , 2012, , .		0
65	Embedding Algorithm for Virtualizing Content-Centric Networks in a Shared Substrate. , 2014, , .		0
66	Embedding Algorithm for Virtualizing Content-Centric Networks in a Shared Substrate. , 2015, , .		0