

Xiaoyan Hong

List of Publications by Year in descending order

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66
papers

536
citations

1307594

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docs citations

66
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	RL-Sketch: Scaling Reinforcement Learning for Adaptive and Automate Anomaly Detection in Network Data Streams. , 2019, , .		3
2	Sustain Vehicle-Crowds via Traffic Signal Adjustments. , 2018, , .		1
3	Easy Path Programming: Elevate Abstraction Level for Network Functions. IEEE/ACM Transactions on Networking, 2018, 26, 189-202.	3.8	3
4	Virtualized Platform for Multicast Services in Software Defined Networks. Chinese Journal of Electronics, 2017, 26, 453-459.	1.5	1
5	Discovering Meaningful Mobility Behaviors of Campus Life from User-Centric WiFi Traces. , 2017, , .		2
6	Density-Aware Delay-Tolerant Interest Forwarding in Vehicular Named Data Networking. , 2016, , .		20
7	Reliable Forwarding Strategy in Vehicular Networks Using NDN. , 2016, , .		9
8	Engineering traffic uncertainty in the OpenFlow data plane. , 2016, , .		12
9	A Named-Data Networking Approach to Underwater Monitoring Systems. , 2015, , .		8
10	Embedding Algorithm for Virtualizing Content-Centric Networks in a Shared Substrate. , 2015, , .		0
11	Safe Reconfiguring Data Plane via Supervision over Resource and Flow States. Chinese Journal of Electronics, 2015, 24, 642-647.	1.5	2
12	<i>X</i>â€œRegion: A framework for location privacy preservation in mobile peerâ€œtoâ€œpeer networks. International Journal of Communication Systems, 2015, 28, 167-186.	2.5	6
13	Embedding Algorithm for Virtualizing Content-Centric Networks in a Shared Substrate. , 2014, , .		0
14	Programming network via Distributed Control in Software-Defined Networks. , 2014, , .		2
15	Lossless reconfiguration protocol for multi-domain data plane in software-defined networks. , 2014, , .		3
16	Evaluating Interest Broadcast in Vehicular Named Data Networking. , 2014, , .		10
17	ProtoGENI, a Prototype GENI Under Security Vulnerabilities: An Experiment-Based Security Study. IEEE Systems Journal, 2013, 7, 478-488.	4.6	3
18	Analysis for bio-inspired thrown-box assisted message dissemination in delay tolerant networks. Telecommunication Systems, 2013, 52, 217-227.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Constructing time-varying contact graphs for heterogeneous delay tolerant networks. , 2012, , .		0
20	Analysis of mobility patterns for urban taxi cabs. , 2012, , .		30
21	BioStaR: A Bio-inspired Stable Routing for Cognitive Radio Networks. , 2012, , .		8
22	A dual-active spatial cloaking algorithm for location privacy preserving in mobile peer-to-peer networks. , 2012, , .		22
23	Capacity-Aware Routing Using Throw-Boxes. , 2011, , .		3
24	Optimal routing strategy in throw-box based delay tolerant network. , 2011, , .		4
25	Experiences with CS2 and data structures in the 100 problems format. , 2011, , .		0
26	A caching strategy in mobile ad hoc named data network. , 2011, , .		3
27	Evaluation of Security Vulnerabilities by Using ProtoGENI as a Launchpad. , 2011, , .		4
28	Latency Analysis for Thrown Box Based Message Dissemination. , 2010, , .		13
29	Critical Phase of Connectivity in Wireless Network Expansion. , 2010, , .		4
30	Delay analysis of Wireless Ad Hoc networks: Single vs. multiple radio. , 2010, , .		4
31	Connectivity Transition for Wireless Networks with Growing Processes. , 2010, , .		0
32	Modeling Worm Propagation through Hidden Wireless Connections. , 2009, , .		3
33	Articulation Node Based Routing in delay tolerant networks. , 2009, , .		9
34	Selective Message Forwarding in Delay Tolerant Networks. Mobile Networks and Applications, 2009, 14, 387-400.	3.3	10
35	Using camouflaging mobility to protect privacy in mobile ad hoc networks. Security and Communication Networks, 2009, 2, n/a-n/a.	1.5	1
36	A survey of anonymity in wireless communication systems. Security and Communication Networks, 2009, 2, 427-444.	1.5	28

#	ARTICLE	IF	CITATIONS
37	Mobility identification and clustering in sparse mobile networks. , 2009, , .		3
38	Interference minimizing channel assignment using partially overlapped channels in multi-radio multi-channel wireless mesh networks (non-refereed). , 2009, , .		1
39	Privacyâ€preserving secure relative localization in vehicular networks. Security and Communication Networks, 2008, 1, 195-204.	1.5	11
40	Delay management in delayâ€tolerant networks. International Journal of Network Management, 2008, 18, 521-537.	2.2	2
41	Anonymous Geo-Forwarding in MANETs through Location Cloaking. IEEE Transactions on Parallel and Distributed Systems, 2008, 19, 1297-1309.	5.6	39
42	Strategies for time-based multi-path secure information disseminations in MANETs. , 2008, , .		1
43	Collaborated Camouflaging Mobility for Mobile Privacy. , 2008, , .		1
44	On-Demand Anonymous Routing with Distance Vector Protecting Traffic Privacy in Wireless Multi-hop Networks. , 2008, , .		6
45	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
46	Camouflaging mobility for itinerary privacy in mobile ad-hoc networks. , 2008, , .		0
47	A Secure Data Transmission Scheme for Mobile Ad Hoc Networks. , 2007, , .		6
48	Protecting Location Privacy with Dynamic Mac Address Exchanging in Wireless Networks. , 2007, , .		12
49	Protecting Location Privacy with Dynamic Mac Address Exchanging in Wireless Networks. , 2007, , .		1
50	Complexity-theoretic Modeling of Biological Cyanide Poisoning as Security Attack in Self-organizing Networks. , 2007, , .		1
51	SMART: A selective controlled-flooding routing for delay tolerant networks. , 2007, , .		13
52	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
53	A Traffic-Aware Energy Efficient Routing Protocol for Wireless Sensor Networks. , 2006, , .		4
54	A Dynamic Data Grid Replication Strategy to Minimize the Data Missed. , 2006, , .		2

#	ARTICLE	IF	CITATIONS
55	Mobility changes anonymity: new passive threats in mobile ad hoc networks. <i>Wireless Communications and Mobile Computing</i> , 2006, 6, 281-293.	1.2	11
56	Resource allocation for restoration of compromised systems. <i>Journal of Combinatorial Optimization</i> , 2006, 12, 35-56.	1.3	2
57	Nonlinear Resource Allocation in Restoration of Compromised Systems. , 2006, , .		1
58	A Hierarchical Anonymous Routing Scheme for Mobile Ad-Hoc Networks. , 2006, , .		16
59	Privacy-Preserving Quick Authentication in Fast Roaming Networks. <i>Local Computer Networks (LCN), Proceedings of the IEEE Conference on</i> , 2006, , .	0.0	8
60	Exploiting mobility in large scale ad hoc wireless networks. , 0, , .		5
61	Experimental evaluation of LANMAR, a scalable ad-hoc routing protocol. , 0, , .		6
62	Mobility Changes Anonymity: Mobile Ad Hoc Networks Need Efficient Anonymous Routing. , 0, , .		12
63	Hybrid Landmark Routing in Ad Hoc Networks with Heterogeneous Group Mobility. , 0, , .		2
64	A Comparison of Reliable Multicast Protocols for Mobile Ad Hoc Networks. , 0, , .		14
65	Effective Probabilistic Approach Protecting Sensor Traffic. , 0, , .		18
66	An Agenda Based Mobility Model21. , 0, , .		26