

Joon-Sang Park

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,375
citations

567144

15
h-index

526166

27
g-index

62
all docs

62
docs citations

62
times ranked

1015
citing authors

#	ARTICLE	IF	CITATIONS
1	Codecast: a network-coding-based ad hoc multicast protocol. IEEE Wireless Communications, 2006, 13, 76-81.	6.6	192
2	Code torrent. , 2006, , .		182
3	Secure incentives for commercial ad dissemination in vehicular networks. , 2007, , .		103
4	FleaNet: A Virtual Market Place on Vehicular Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 344-355.	3.9	83
5	Emergency related video streaming in VANET using network coding. , 2006, , .		76
6	SPACE-MAC: Enabling Spatial Reuse using MIMO channel-aware MAC. , 0, , .		63
7	Optimizing graph algorithms for improved cache performance. IEEE Transactions on Parallel and Distributed Systems, 2004, 15, 769-782.	4.0	57
8	Secure Incentives for Commercial Ad Dissemination in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 2715-2728.	3.9	52
9	E-ODMRP: Enhanced ODMRP with motion adaptive refresh. Journal of Parallel and Distributed Computing, 2008, 68, 1044-1053.	2.7	42
10	Performance of Network Coding in Ad Hoc Networks. , 2006, , .		39
11	A secure ad-hoc routing approach using localized self-healing communities. , 2005, , .		37
12	Time-critical underwater sensor diffusion with no proactive exchanges and negligible reactive floods. Ad Hoc Networks, 2007, 5, 943-958.	3.4	37
13	COCAST: Multicast mobile ad hoc networks using cognitive radio. , 2009, , .		29
14	An analytical framework for neighbor discovery strategies in ad hoc networks with sectorized antennas. IEEE Communications Letters, 2009, 13, 832-834.	2.5	29
15	UAV Assisted Disruption Tolerant Routing. , 2006, , .		27
16	Efficient peer-to-peer file sharing using network coding in MANET. Journal of Communications and Networks, 2008, 10, 422-429.	1.8	25
17	On Improving Parallelized Network Coding with Dynamic Partitioning. IEEE Transactions on Parallel and Distributed Systems, 2010, 21, 1547-1560.	4.0	23
18	ComboCoding: Combined intra-/inter-flow network coding for TCP over disruptive MANETs. Journal of Advanced Research, 2011, 2, 241-252.	4.4	23

#	ARTICLE	IF	CITATIONS
19	FleaNet: A Virtual Market Place on Vehicular Networks. , 2006, , .		21
20	Optimizing random network coding for multimedia content distribution over smartphones. Multimedia Tools and Applications, 2017, 76, 19379-19395.	2.6	21
21	Utilizing context-relevant keywords extracted from a large collection of user-generated documents for music discovery. Information Processing and Management, 2017, 53, 1185-1200.	5.4	19
22	Graph sharpening. Expert Systems With Applications, 2010, 37, 7870-7879.	4.4	18
23	Application of precise indoor position tracking to immersive virtual reality with translational movement support. Multimedia Tools and Applications, 2016, 75, 12331-12350.	2.6	18
24	Vehicular communications: emergency video streams and network coding. Journal of Internet Services and Applications, 2010, 1, 57-68.	1.6	17
25	FleaNet: A Virtual Market Place on Vehicular Networks. , 2006, , .		14
26	E-ODMRP: Enhanced ODMRP with Motion Adaptive Refresh. , 0, , .		11
27	Load balancing for video streaming services in hierarchical wireless networks. Computer Networks, 2008, 52, 259-274.	3.2	11
28	Efficient Eye-Blinking Detection on Smartphones: A Hybrid Approach Based on Deep Learning. Mobile Information Systems, 2018, 2018, 1-8.	0.4	11
29	A Highly Parallelized Decoder for Random Network Coding leveraging GPGPU. Computer Journal, 2014, 57, 233-240.	1.5	10
30	Parallel Algorithms for Steiner Tree Problem. , 2008, , .		9
31	Time-Critical Underwater Sensor Diffusion with No Proactive Exchanges and Negligible Reactive Floods. , 2006, , .		8
32	Fast Parallel Implementation for Random Network Coding on Embedded Sensor Nodes. International Journal of Distributed Sensor Networks, 2014, 10, 974836.	1.3	8
33	Sprayable nanomicelle hydrogels and inflammatory bowel disease patient cell chips for development of intestinal lesion-specific therapy. Bioactive Materials, 2022, 18, 433-445.	8.6	8
34	Multiple network coded TCP sessions in disruptive wireless scenarios. , 2011, , .		7
35	CodeMP: Network coded multipath to support TCP in disruptive MANETs. , 2012, , .		6
36	Cross-layer scheduling for multi-users in cognitive multi-radio mesh networks. Wireless Communications and Mobile Computing, 2014, 14, 1034-1044.	0.8	5

#	ARTICLE	IF	CITATIONS
37	Energy Efficient QoS-Aware Random Network Coding on Smartphones. Mobile Networks and Applications, 2017, 22, 880-893.	2.2	5
38	Reducing energy consumption of RNC based media streaming on smartphones via sampling. Multimedia Tools and Applications, 2019, 78, 28461-28475.	2.6	5
39	MIMO and TCP: A Case for Cross Layer Design. , 2007, , .		3
40	CORA: Collaborative Opportunistic Recovery Algorithm for loss controlled, delay bounded ad hoc multicast. Computer Communications, 2008, 31, 3672-3682.	3.1	3
41	Securing one-way hash chain based incentive mechanism for vehicular ad hoc networks. Peer-to-Peer Networking and Applications, 2014, 7, 737-742.	2.6	3
42	Minimum Cost Data Aggregation for Wireless Sensor Networks Computing Functions of Sensed Data. Journal of Sensors, 2015, 2015, 1-17.	0.6	3
43	An Optimization Framework for Opportunistic Receiver Scheduling in Wireless Multi-Hop Networks. , 2010, , .		2
44	Data Collection Protocol for Sensors Networks based on Molecular Communications. , 2019, , .		2
45	Reducing transmission latency of real-time resilient video distribution by employing cumulative random linear coding. , 2011, , .		1
46	Massive parallelization technique for random linear network coding. , 2014, , .		1
47	On optimizing random network coding implementation. , 2015, , .		1
48	Routing in UAV based Disruption Tolerant Networks. The KIPS Transactions PartC, 2009, 16C, 521-526.	0.2	1
49	Nanotheranostics of Preâ€Stenotic Vessels By Target Touchâ€™On Signaling of Peptide Navigator. Advanced Functional Materials, 2022, 32, .	7.8	1
50	Intelligent backbone swarms for scalable, disruption tolerant wireless networking. , 0, , .		0
51	Simultaneous thin-thread processors for low-power embedded systems. IEICE Electronics Express, 2008, 5, 802-808.	0.3	0
52	Integrating Random Network Coding with On-Demand Multicast Routing Protocol. ETRI Journal, 2012, 34, 775-778.	1.2	0
53	Cross-layer optimization for wireless multihop multicast networks. Journal of Supercomputing, 2013, 66, 21-34.	2.4	0
54	On-demand clustering mechanism for wireless sensor networks. , 2013, , .		0

#	ARTICLE	IF	CITATIONS
55	Enhancing concurrency in parallel random network coding. , 2014, , .		0
56	Internet of Things over future internet. International Journal of Distributed Sensor Networks, 2016, 12, 155014771666551.	1.3	0
57	Delay-Optimal Scheduling for Two-Hop Relay Networks with Randomly Varying Connectivity: Join the Shortest Queue-Longest Connected Queue Policy. Mathematical Problems in Engineering, 2017, 2017, 1-15.	0.6	0
58	Accelerating Random Network Coding using 512-bit SIMD Instructions. , 2019, , .		0
59	Comparison of Parallelized Network Coding Performance. The KIPS Transactions PartC, 2012, 19C, 247-252.	0.2	0
60	Nanotheranostics of Preâ€¦stenotic Vessels By Target Touchâ€¦On Signaling of Peptide Navigator (Adv.) Tj ETQq0 0.0rgBT /Overlock 10	7.8	0