

# Joon-Sang Park

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5486861/publications.pdf>

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	Sprayable nanomicelle hydrogels and inflammatory bowel disease patient cell chips for development of intestinal lesion-specific therapy. <i>Bioactive Materials</i> , 2022, 18, 433-445.	8.6	8
2	Nanotheranostics of Preâ€Stenotic Vessels By Target Touchâ€On Signaling of Peptide Navigator. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	1
3	Nanotheranostics of Preâ€Stenotic Vessels By Target Touchâ€On Signaling of Peptide Navigator (Adv.) <i>TJ ETQq1 1 0,784314,0gBT /OV</i>	7.8	0
4	Data Collection Protocol for Sensors Networks based on Molecular Communications. , 2019, , .		2
5	Accelerating Random Network Coding using 512-bit SIMD Instructions. , 2019, , .		0
6	Reducing energy consumption of RNC based media streaming on smartphones via sampling. <i>Multimedia Tools and Applications</i> , 2019, 78, 28461-28475.	2.6	5
7	Efficient Eye-Blinking Detection on Smartphones: A Hybrid Approach Based on Deep Learning. <i>Mobile Information Systems</i> , 2018, 2018, 1-8.	0.4	11
8	Optimizing random network coding for multimedia content distribution over smartphones. <i>Multimedia Tools and Applications</i> , 2017, 76, 19379-19395.	2.6	21
9	Energy Efficient QoS-Aware Random Network Coding on Smartphones. <i>Mobile Networks and Applications</i> , 2017, 22, 880-893.	2.2	5
10	Utilizing context-relevant keywords extracted from a large collection of user-generated documents for music discovery. <i>Information Processing and Management</i> , 2017, 53, 1185-1200.	5.4	19
11	Delay-Optimal Scheduling for Two-Hop Relay Networks with Randomly Varying Connectivity: Join the Shortest Queue-Longest Connected Queue Policy. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-15.	0.6	0
12	Application of precise indoor position tracking to immersive virtual reality with translational movement support. <i>Multimedia Tools and Applications</i> , 2016, 75, 12331-12350.	2.6	18
13	Internet of Things over future internet. <i>International Journal of Distributed Sensor Networks</i> , 2016, 12, 155014771666551.	1.3	0
14	Minimum Cost Data Aggregation for Wireless Sensor Networks Computing Functions of Sensed Data. <i>Journal of Sensors</i> , 2015, 2015, 1-17.	0.6	3
15	On optimizing random network coding implementation. , 2015, , .		1
16	A Highly Parallelized Decoder for Random Network Coding leveraging GPGPU. <i>Computer Journal</i> , 2014, 57, 233-240.	1.5	10
17	Enhancing concurrency in parallel random network coding. , 2014, , .		0
18	Massive parallelization technique for random linear network coding. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Cross-layer scheduling for multi-users in cognitive multi-radio mesh networks. <i>Wireless Communications and Mobile Computing</i> , 2014, 14, 1034-1044.	0.8	5
20	Securing one-way hash chain based incentive mechanism for vehicular ad hoc networks. <i>Peer-to-Peer Networking and Applications</i> , 2014, 7, 737-742.	2.6	3
21	Fast Parallel Implementation for Random Network Coding on Embedded Sensor Nodes. <i>International Journal of Distributed Sensor Networks</i> , 2014, 10, 974836.	1.3	8
22	Cross-layer optimization for wireless multihop multicast networks. <i>Journal of Supercomputing</i> , 2013, 66, 21-34.	2.4	0
23	On-demand clustering mechanism for wireless sensor networks. , 2013, , .		0
24	CodeMP: Network coded multipath to support TCP in disruptive MANETs. , 2012, , .		6
25	Integrating Random Network Coding with On-Demand Multicast Routing Protocol. <i>ETRI Journal</i> , 2012, 34, 775-778.	1.2	0
26	Secure Incentives for Commercial Ad Dissemination in Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2012, 61, 2715-2728.	3.9	52
27	Comparison of Parallelized Network Coding Performance. <i>The KIPS Transactions PartC</i> , 2012, 19C, 247-252.	0.2	0
28	Multiple network coded TCP sessions in disruptive wireless scenarios. , 2011, , .		7
29	ComboCoding: Combined intra-/inter-flow network coding for TCP over disruptive MANETs. <i>Journal of Advanced Research</i> , 2011, 2, 241-252.	4.4	23
30	Reducing transmission latency of real-time resilient video distribution by employing cumulative random linear coding. , 2011, , .		1
31	Graph sharpening. <i>Expert Systems With Applications</i> , 2010, 37, 7870-7879.	4.4	18
32	Vehicular communications: emergency video streams and network coding. <i>Journal of Internet Services and Applications</i> , 2010, 1, 57-68.	1.6	17
33	FleaNet: A Virtual Market Place on Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2010, 59, 344-355.	3.9	83
34	An Optimization Framework for Opportunistic Receiver Scheduling in Wireless Multi-Hop Networks. , 2010, , .		2
35	On Improving Parallelized Network Coding with Dynamic Partitioning. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2010, 21, 1547-1560.	4.0	23
36	COCAST: Multicast mobile ad hoc networks using cognitive radio. , 2009, , .		29

#	ARTICLE	IF	CITATIONS
37	An analytical framework for neighbor discovery strategies in ad hoc networks with sectorized antennas. IEEE Communications Letters, 2009, 13, 832-834.	2.5	29
38	Routing in UAV based Disruption Tolerant Networks. The KIPS Transactions PartC, 2009, 16C, 521-526.	0.2	1
39	Load balancing for video streaming services in hierarchical wireless networks. Computer Networks, 2008, 52, 259-274.	3.2	11
40	E-ODMRP: Enhanced ODMRP with motion adaptive refresh. Journal of Parallel and Distributed Computing, 2008, 68, 1044-1053.	2.7	42
41	CORA: Collaborative Opportunistic Recovery Algorithm for loss controlled, delay bounded ad hoc multicast. Computer Communications, 2008, 31, 3672-3682.	3.1	3
42	Efficient peer-to-peer file sharing using network coding in MANET. Journal of Communications and Networks, 2008, 10, 422-429.	1.8	25
43	Parallel Algorithms for Steiner Tree Problem. , 2008, , .		9
44	Simultaneous thin-thread processors for low-power embedded systems. IEICE Electronics Express, 2008, 5, 802-808.	0.3	0
45	MIMO and TCP: A Case for Cross Layer Design. , 2007, , .		3
46	Secure incentives for commercial ad dissemination in vehicular networks. , 2007, , .		103
47	Time-critical underwater sensor diffusion with no proactive exchanges and negligible reactive floods. Ad Hoc Networks, 2007, 5, 943-958.	3.4	37
48	Codecast: a network-coding-based ad hoc multicast protocol. IEEE Wireless Communications, 2006, 13, 76-81.	6.6	192
49	FleaNet: A Virtual Market Place on Vehicular Networks. , 2006, , .		14
50	Time-Critical Underwater Sensor Diffusion with No Proactive Exchanges and Negligible Reactive Floods. , 2006, , .		8
51	FleaNet: A Virtual Market Place on Vehicular Networks. , 2006, , .		21
52	Code torrent. , 2006, , .		182
53	Emergency related video streaming in VANET using network coding. , 2006, , .		76
54	UAV Assisted Disruption Tolerant Routing. , 2006, , .		27

#	ARTICLE	IF	CITATIONS
55	Performance of Network Coding in Ad Hoc Networks. , 2006, , .		39
56	A secure ad-hoc routing approach using localized self-healing communities. , 2005, , .		37
57	Optimizing graph algorithms for improved cache performance. IEEE Transactions on Parallel and Distributed Systems, 2004, 15, 769-782.	4.0	57
58	Intelligent backbone swarms for scalable, disruption tolerant wireless networking. , 0, , .		0
59	SPACE-MAC: Enabling Spatial Reuse using MIMO channel-aware MAC. , 0, , .		63
60	E-ODMRP: Enhanced ODMRP with Motion Adaptive Refresh. , 0, , .		11