

Injong Rhee

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

3,635
citations

840119

11
h-index

713013

21
g-index

41
all docs

41
docs citations

41
times ranked

2942
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Levy-Walk Nature of Human Mobility. IEEE/ACM Transactions on Networking, 2011, 19, 630-643.	2.6	817
2	Z-MAC: A Hybrid MAC for Wireless Sensor Networks. IEEE/ACM Transactions on Networking, 2008, 16, 511-524.	2.6	592
3	Mobile Data Offloading: How Much Can WiFi Deliver?. IEEE/ACM Transactions on Networking, 2013, 21, 536-550.	2.6	544
4	Binary increase congestion control (BIC) for fast long-distance networks. , 0, , .		434
5	Z-MAC. , 2005, , .		377
6	DRAND: Distributed Randomized TDMA Scheduling for Wireless Ad Hoc Networks. IEEE Transactions on Mobile Computing, 2009, 8, 1384-1396.	3.9	222
7	Delay-based congestion avoidance for TCP. IEEE/ACM Transactions on Networking, 2003, 11, 356-369.	2.6	102
8	Max-Contribution: On Optimal Resource Allocation in Delay Tolerant Networks. , 2010, , .		86
9	Error control techniques for interactive low-bit rate video transmission over the Internet. , 1998, , .		63
10	Multicast scheduling in cellular data networks. IEEE Transactions on Wireless Communications, 2009, 8, 4540-4549.	6.1	62
11	Quadtree-structured variable-size block-matching motion estimation with minimal error. IEEE Transactions on Circuits and Systems for Video Technology, 2000, 10, 42-50.	5.6	56
12	Multicast with cache (Mcache): an adaptive zero-delay video-on-demand service. , 0, , .		44
13	How much energy saving does topology control offer for wireless sensor networks? â€œ A practical study. Computer Communications, 2007, 30, 2867-2879.	3.1	27
14	Dual-Resource TCP/AQM for Processing-Constrained Networks. IEEE/ACM Transactions on Networking, 2008, 16, 435-449.	2.6	23
15	Error control techniques for interactive low-bit rate video transmission over the Internet. Computer Communication Review, 1998, 28, 290-301.	1.5	22
16	Delay-capacity tradeoffs for mobile networks with Lévy walks and Lévy flights. , 2011, , .		19
17	Treat-before-trick : Free-riding prevention for BitTorrent-like peer-to-peer networks. , 2009, , .		17
18	DRWA: A Receiver-Centric Solution to Bufferbloat in Cellular Networks. IEEE Transactions on Mobile Computing, 2016, 15, 2719-2734.	3.9	16

#	ARTICLE	IF	CITATIONS
19	The incremental deployability of RTT-based congestion avoidance for high speed TCP Internet connections. , 2000, , .		12
20	Cross-layer optimization made practical. , 2007, , .		11
21	STEP: A spatio-temporal mobility model for humans walks. , 2010, , .		11
22	DiffQ: Differential Backlog Congestion Control for Wireless Multi-hop Networks. , 2008, , .		10
23	On the Critical Delays of Mobile Networks Under LÃ©vy Walks and LÃ©vy Flights. IEEE/ACM Transactions on Networking, 2013, 21, 1621-1635.	2.6	9
24	Middleware support for distributed multimedia and collaborative computing. Software - Practice and Experience, 1999, 29, 1285-1312.	2.5	8
25	Towards a practical indoor location matching system using 4G LTE PHY layer information. , 2015, , .		7
26	Group communication support for distributed collaboration systems. Cluster Computing, 1999, 2, 3-16.	3.5	6
27	Mitigating Starvation in Wireless Sensor Networks. , 2006, , .		6
28	Augment SCTP multi-streaming with pluggable scheduling. , 2011, , .		5
29	A modular algorithm for resource allocation. Distributed Computing, 1998, 11, 157-168.	0.7	4
30	Max Contribution: An Online Approximation of Optimal Resource Allocation in Delay Tolerant Networks. IEEE Transactions on Mobile Computing, 2015, 14, 592-605.	3.9	4
31	N-body: A social mobility model with support for larger populations. Ad Hoc Networks, 2015, 25, 185-196.	3.4	4
32	Experimental evaluation of MAC protocols for fairness and QoS support in wireless networks. Network Protocols (ICNP), Proceedings of the IEEE International Conference on, 2008, , .	0.0	3
33	Middleware support for distributed multimedia and collaborative computing. , 1999, 29, 1285.		3
34	The incremental deployability of RTT-based congestion avoidance for high speed TCP Internet connections. Performance Evaluation Review, 2000, 28, 134-144.	0.4	3
35	The Impact of Timing Knowledge on the Session Problem. SIAM Journal on Computing, 2003, 32, 1007-1039.	0.8	2
36	Time bounds on synchronization in a periodic distributed system. Information Processing Letters, 1997, 64, 87-93.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Signal processing techniques to enable concurrent communications in MIMO enabled networks. , 2009, , .		1
38	Reducing redundant cross-ISP traffic in peer-to-peer systems via explicit coordination. , 2012, , .		1
39	An unobtrusive interaction interface for multiple co-located mobile devices. , 2015, , .		1
40	RESCU. Performance Evaluation Review, 2000, 28, 120-121.	0.4	0
41	Towards feasibility and scalability of text search in peer-to-peer systems. Parallel and Distributed Processing Symposium (IPDPS), Proceedings of the International Conference on, 2008, , .	1.0	0