Moshe Sidi

List of Publications by Year
in descending order

37
papers	1,874
citations	471509
17
h-index	395702
33
g-index
37
all docs	37
docs citations	37
times ranked	677
citing authors

#	Article	IF	Citations
1	Mobile users: To update or not to update?. Wireless Networks, 1995, 1, 175-185.	3.0	454
2	Multiple Access Protocols. Telecommunication Networks and Computer Systems, 1990, , .	1.4	315
3	Distributed assignment algorithms for multihop packet radio networks. IEEE Transactions on Computers, 1989, 38, 1353-1361.	3.4	200
4	Analysis of packet loss processes in high-speed networks. IEEE Transactions on Information Theory, 1993, 39, 98-108.	2.4	152
5	New call blocking versus handoff blocking in cellular networks. Wireless Networks, 1997, 3, 15-27.	3.0	72
6	Congestion control through input rate regulation. IEEE Transactions on Communications, 1993, 41, 471-477.	7.8	69
7	Real-time packet switching: a performance analysis. IEEE Journal on Selected Areas in Communications, 1988, 6, 1576-1586.	14.0	65
8	One-way delay estimation using network-wide measurements. IEEE Transactions on Information Theory, 2006, 52, 2710-2724.	2.4	61
9	Erasure, capture, and random power level selection in multiple-access systems. IEEE Transactions on Communications, 1988, 36, 263-271.	7.8	57
10	A queueing network with a single cyclically roving server. Queueing Systems, 1992, 11, 121-144.	0.9	52
11	Modeling and analysis of power-tail distributions via classical teletraffic methods. Queueing Systems, 2000, 36, 243-267.	0.9	39
12	Splitting protocols in presence of capture. IEEE Transactions on Information Theory, 1985, 31, 295-301.	2.4	36
13	Structured priority queueing systems with applications to packet-radio networks. Performance Evaluation, 1983, 3, 265-275.	1.2	35
14	Conflict multiplicity estimation and batch resolution algorithms. IEEE Transactions on Information Theory, 1988, 34, 101-110.	2.4	31
15	The ballot theorem strikes again: packet loss process distribution. IEEE Transactions on Information Theory, 2000, 46, 2588-2595.	2.4	30
16	Discrete-time priority queues with two-state markov modulated arrivals. Stochastic Models, 1992, 8, 337-357.	0.3	27
17	A Multi-station packet-radio network. Performance Evaluation, 1988, 8, 65-72.	1.2	25
18	An optimal service policy for buffer systems. Journal of the ACM, 1995, 42, 641-657.	2.2	25

#	Article	IF	Citations
19	The Effect of Capture on Collision-Resolution Algorithms. IEEE Transactions on Communications, 1985, 33, 317-324.	7.8	24
20	Analysis of a correlated queue in a communication system. IEEE Transactions on Information Theory, 1993, 39, 456-465.	2.4	20
21	Jitter Buffer Analysis. , 2008, , .		13
22	The expected uncertainty of range-free localization protocols in sensor networks. Theoretical Computer Science, 2005, 344, 86-99.	0.9	11
23	On Queues with Interarrival Times Proportional to Service Times. Probability in the Engineering and Informational Sciences, 1996, 10, 87-107.	0.8	10
24	Parallel downloads for streaming applications—a resequencing analysis. Performance Evaluation, 2006, 63, 15-35.	1.2	9
25	Distributed deadlock resolution in store-and-forward networks. Algorithmica, 1989, 4, 417-436.	1.3	7
26	Recursive computation of steady-state probabilities in priority queues. Operations Research Letters, 1990, 9, 249-256.	0.7	6
27	On queueing delays of dispersed messages. Queueing Systems, 1994, 15, 325-345.	0.9	6
28	Energy efficiency of collision resolution protocols. Computer Communications, 2006, 29, 3397-3415.	5.1	5
29	Analysis of resequencing in downloads. International Journal of Communication Systems, 2003, 16, 735-757.	2.5	4
30	Splitting algorithms in channels with markovian capture. European Transactions on Telecommunications, 1994, 5, 19-26.	1.2	4
31	On cognitive processes in cognitive radio networks. Wireless Networks, 2014, 20, 319-330.	3.0	4
32	Modeling and analysis of system dynamics and state estimation in cognitive radio networks. , 2010, , .		2
33	The Expected Uncertainty of Range Free Localization Protocols in Sensor Networks. Lecture Notes in Computer Science, 2004, , 85-97.	1.3	2
34	Correction to equation (5.6) in the paper: A queueing network with a single cyclically roving server. Queueing Systems, 1994, 16-16, 193-193.	0.9	1
35	Design and analysis of a class-aware recursive loop scheduler for class-based scheduling. Performance Evaluation, 2006, 63, 839-863.	1.2	1
36	Distributed Protocols for Networks with Mobile Users — The Mobilizer Approach. Wireless Networks, 2001, 7, 21-31.	3.0	0

#	Article	IF	Citations
37	Prediction based cognitive spectrum access. , 2012, , .		0