Aleksi Penttinen

List of Publications by Year
in descending order

20 papers	238 citations	1307594 7 h-index	1281871 11 g-index
20 all docs	20 docs citations	20 times ranked	129 citing authors

#	Article	IF	Citations
1	Minimizing slowdown in heterogeneous size-aware dispatching systems. , 2012, , .		14
2	On the Value Function of the M/G/1 FCFS and LCFS Queues. Journal of Applied Probability, 2012, 49, 1052-1071.	0.7	8
3	Minimizing slowdown in heterogeneous size-aware dispatching systems. Performance Evaluation Review, 2012, 40, 29-40.	0.6	20
4	On the Value Function of the M/G/1 FCFS and LCFS Queues. Journal of Applied Probability, 2012, 49, 1052-1071.	0.7	3
5	Flow-level modeling and analysis of dynamic TDD in LTE. , 2012, , .		4
6	Non-myopic vehicle and route selection in dynamic DARP with travel time and workload objectives. Computers and Operations Research, 2012, 39, 3021-3030.	4.0	48
7	Optimal size-based opportunistic scheduler for wireless systems. Queueing Systems, 2012, 72, 5-30.	0.9	7
8	Size- and state-aware dispatching problem with queue-specific job sizes. European Journal of Operational Research, 2012, 217, 357-370.	5.7	44
9	Energy-aware dispatching in parallel queues with on-off energy consumption. , 2011, , .		17
10	M/M/1-PS queue and size-aware task assignment. Performance Evaluation, 2011, 68, 1136-1148.	1.2	24
11	Simulation of a large scale dynamic pickup and delivery problem. , 2010, , .		9
12	Dimensioning of data networks: a flow–level perspective. European Transactions on Telecommunications, 2009, 20, 549-563.	1.2	5
13	Flow-optimized random access for wireless multihop networks. Performance Evaluation, 2009, 66, 258-271.	1.2	0
14	Flow-optimized random access for wireless multihop networks. , 2007, , .		2
15	Dimensioning methods for data networks with flow-level QoS requirements. , 2007, , .		4
16	Approximating Flow Throughput in Complex Data Networks. , 2007, , 422-433.		1
17	Performance analysis in multi-hop radio networks with balanced fair resource sharing. Telecommunication Systems, 2006, 31, 315-336.	2.5	11
18	Dimensioning of wireless mesh networks with flow-level QoS requirements. , 2006, , .		10

#	Article	IF	Citations
19	On light and heavy traffic approximations of balanced fairness. Performance Evaluation Review, 2006, 34, 109-120.	0.6	4
20	Performance of Wireless Ad Hoc Networks under Balanced Fairness. Lecture Notes in Computer Science, 2004, , 235-246.	1.3	3