Aleksi Penttinen

List of Publications by Year
in descending order

20	238
papers	citations

1307594

7	11
h-index	g-index

1281871

20	20
all docs	docs citations

20	129
times ranked	citing authors

#	Article	IF	Citations
1	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
2	Size- and state-aware dispatching problem with queue-specific job sizes. European Journal of Operational Research, 2012, 217, 357-370.	5.7	44
3	M/M/1-PS queue and size-aware task assignment. Performance Evaluation, 2011, 68, 1136-1148.	1.2	24
4	Minimizing slowdown in heterogeneous size-aware dispatching systems. Performance Evaluation Review, 2012, 40, 29-40.	0.6	20
5	Energy-aware dispatching in parallel queues with on-off energy consumption. , 2011, , .		17
6	Minimizing slowdown in heterogeneous size-aware dispatching systems. , 2012, , .		14
7	Performance analysis in multi-hop radio networks with balanced fair resource sharing. Telecommunication Systems, 2006, 31, 315-336.	2.5	11
8	Dimensioning of wireless mesh networks with flow-level QoS requirements. , 2006, , .		10
9	Simulation of a large scale dynamic pickup and delivery problem. , 2010, , .		9
10	On the Value Function of the M/G/1 FCFS and LCFS Queues. Journal of Applied Probability, 2012, 49, 1052-1071.	0.7	8
11	Optimal size-based opportunistic scheduler for wireless systems. Queueing Systems, 2012, 72, 5-30.	0.9	7
12	Dimensioning of data networks: a flow–level perspective. European Transactions on Telecommunications, 2009, 20, 549-563.	1.2	5
13	Dimensioning methods for data networks with flow-level QoS requirements. , 2007, , .		4
14	Flow-level modeling and analysis of dynamic TDD in LTE. , 2012, , .		4
15	On light and heavy traffic approximations of balanced fairness. Performance Evaluation Review, 2006, 34, 109-120.	0.6	4
16	On the Value Function of the M/G/1 FCFS and LCFS Queues. Journal of Applied Probability, 2012, 49, 1052-1071.	0.7	3
17	Performance of Wireless Ad Hoc Networks under Balanced Fairness. Lecture Notes in Computer Science, 2004, , 235-246.	1.3	3
18	Flow-optimized random access for wireless multihop networks. , 2007, , .		2

#	Article	IF	Citations
19	Approximating Flow Throughput in Complex Data Networks. , 2007, , 422-433.		1
20	Flow-optimized random access for wireless multihop networks. Performance Evaluation, 2009, 66, 258-271.	1.2	0