

Arkusz Kruk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3867463/publications.pdf>

Version: 2024-02-01

21
papers

176
citations

1478505

6
h-index

1125743

13
g-index

22
all docs

22
docs citations

22
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy traffic analysis for EDF queues with reneging. Annals of Applied Probability, 2011, 21, .	1.3	44
2	Earliest-deadline-first service in heavy-traffic acyclic networks. Annals of Applied Probability, 2004, 14, .	1.3	35
3	Diffusion Limits for Shortest Remaining Processing Time Queues. Stochastic Systems, 2011, 1, 1-16.	1.1	17
4	Heavy traffic limit for a processor sharing queue with soft deadlines. Annals of Applied Probability, 2007, 17, .	1.3	15
5	Functional Limit Theorems for a Simple Auction. Mathematics of Operations Research, 2003, 28, 716-751.	1.3	14
6	Accuracy of state space collapse for earliest-deadline-first queues. Annals of Applied Probability, 2006, 16, 516.	1.3	9
7	Fluid Limits for Multiple-Input Shortest Remaining Processing Time Queues. Mathematics of Operations Research, 2016, 41, 1055-1092.	1.3	7
8	Minimality of EDF networks with resource sharing. Mathematical Methods of Operations Research, 2016, 84, 259-283.	1.0	6
9	An Open Queueing Network with Asymptotically Stable Fluid Model and Unconventional Heavy Traffic Behavior. Mathematics of Operations Research, 2011, 36, 538-551.	1.3	5
10	Edge minimality of EDF resource sharing networks. Mathematical Methods of Operations Research, 2017, 86, 331-366.	1.0	5
11	Stability of linear EDF networks with resource sharing. Queueing Systems, 2018, 88, 167-203.	0.9	3
12	Limiting distribution for a simple model of order book dynamics. Open Mathematics, 2012, 10, .	1.0	2
13	Open Problemâ€”Protocols for Resource-Sharing Networks with Locally Edge-Minimal Fluid Models. Stochastic Systems, 2019, 9, 303-304.	1.1	2
14	Instability of LAS multiclass queueing networks. Operations Research Letters, 2021, 49, 76-80.	0.7	2
15	Minimal and Locally Edge Minimal Fluid Models for Resource-Sharing Networks. Mathematics of Operations Research, 2021, 46, 1513-1551.	1.3	2
16	Minimality of SRPT Networks With Resource Sharing. WSEAS Transactions on Mathematics, 2021, 20, 74-83.	0.5	2
17	Diffusion Limits for SRPT and LRPT Queues via EDF Approximations. Lecture Notes in Computer Science, 2019, , 263-275.	1.3	2
18	Instability of SRPT, SERPT and SJF multiclass queueing networks. Queueing Systems, 2022, 101, 57-92.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Continuity and monotonicity of solutions to a greedy maximization problem. <i>Mathematical Methods of Operations Research</i> , 2020, 92, 33-76.	1.0	1
20	Heavy traffic analysis for single-server SRPT and LRPT queues via EDF diffusion limits. <i>Annals of Operations Research</i> , 2022, 310, 411-429.	4.1	1
21	Paradoxical characterization of Lebesgue nonmeasurable sets. <i>Heliyon</i> , 2020, 6, e04652.	3.2	0