

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 single-server SRPT and LRPT queues via EDF diffusion limits. <i>Annals of Operations Research</i> , 2022, 310, 411-429.	4.1	1
2	Instability of SRPT, SERPT and SJF multiclass queueing networks. <i>Queueing Systems</i> , 2022, 101, 57-92.	0.9	2
3	Instability of LAS multiclass queueing networks. <i>Operations Research Letters</i> , 2021, 49, 76-80.	0.7	2
4	Minimal and Locally Edge Minimal Fluid Models for Resource-Sharing Networks. <i>Mathematics of Operations Research</i> , 2021, 46, 1513-1551.	1.3	2
5	Minimality of SRPT Networks With Resource Sharing. <i>WSEAS Transactions on Mathematics</i> , 2021, 20, 74-83.	0.5	2
6	Paradoxical characterization of Lebesgue nonmeasurable sets. <i>Heliyon</i> , 2020, 6, e04652.	3.2	0
7	Continuity and monotonicity of solutions to a greedy maximization problem. <i>Mathematical Methods of Operations Research</i> , 2020, 92, 33-76.	1.0	1
8	Open Problem“Protocols for Resource-Sharing Networks with Locally Edge-Minimal Fluid Models. <i>Stochastic Systems</i> , 2019, 9, 303-304.	1.1	2
9	Diffusion Limits for SRPT and LRPT Queues via EDF Approximations. <i>Lecture Notes in Computer Science</i> , 2019, , 263-275.	1.3	2
10	Stability of linear EDF networks with resource sharing. <i>Queueing Systems</i> , 2018, 88, 167-203.	0.9	3
11	Edge minimality of EDF resource sharing networks. <i>Mathematical Methods of Operations Research</i> , 2017, 86, 331-366.	1.0	5
12	Minimality of EDF networks with resource sharing. <i>Mathematical Methods of Operations Research</i> , 2016, 84, 259-283.	1.0	6
13	Fluid Limits for Multiple-Input Shortest Remaining Processing Time Queues. <i>Mathematics of Operations Research</i> , 2016, 41, 1055-1092.	1.3	7
14	Limiting distribution for a simple model of order book dynamics. <i>Open Mathematics</i> , 2012, 10, .	1.0	2
15	Diffusion Limits for Shortest Remaining Processing Time Queues. <i>Stochastic Systems</i> , 2011, 1, 1-16.	1.1	17
16	An Open Queueing Network with Asymptotically Stable Fluid Model and Unconventional Heavy Traffic Behavior. <i>Mathematics of Operations Research</i> , 2011, 36, 538-551.	1.3	5
17	Heavy traffic analysis for EDF queues with reneging. <i>Annals of Applied Probability</i> , 2011, 21, .	1.3	44
18	Heavy traffic limit for a processor sharing queue with soft deadlines. <i>Annals of Applied Probability</i> , 2007, 17, .	1.3	15

#	ARTICLE	IF	CITATIONS
19	Accuracy of state space collapse for earliest-deadline-first queues. Annals of Applied Probability, 2006, 16, 516.	1.3	9
20	Earliest-deadline-first service in heavy-traffic acyclic networks. Annals of Applied Probability, 2004, 14, .	1.3	35
21	Functional Limit Theorems for a Simple Auction. Mathematics of Operations Research, 2003, 28, 716-751.	1.3	14