

Sergey A Dudin

List of Publications by Year in descending order

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66
papers

546
citations

687363

13
h-index

752698

20
g-index

66
all docs

66
docs citations

66
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	Priority queueing system with many types of requests and restricted processor sharing. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 12651-12662.	4.9	7
2	Self-Service System with Rating Dependent Arrivals. Mathematics, 2022, 10, 297.	2.2	8
3	Mathematical Model of Operation of a Cell of a Mobile Communication Network With Adaptive Modulation Schemes and Handover of Mobile Users. IEEE Access, 2021, 9, 106933-106946.	4.2	10
4	Improved Priority Scheme for Unreliable Queueing System. Communications in Computer and Information Science, 2021, , 16-30.	0.5	0
5	Analysis of Single-Server Multi-Class Queue with Unreliable Service, Batch Correlated Arrivals, Customers Impatience, and Dynamical Change of Priorities. Mathematics, 2021, 9, 1257.	2.2	6
6	Vacation Queueing Model for Performance Evaluation of Multiple Access Information Transmission Systems without Transmission Interruption. Mathematics, 2021, 9, 1508.	2.2	0
7	Analysis of Multi-Server Queue with Self-Sustained Servers. Mathematics, 2021, 9, 2134.	2.2	2
8	Analysis of Multi-server Loss Queueing System with Batch Marked Markov Arrival Process. Lecture Notes in Computer Science, 2021, , 182-195.	1.3	0
9	Analysis of a retrial queue with group service of impatient customers. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 2591-2599.	4.9	22
10	Effective algorithm for computation of the stationary distribution of multi-dimensional level-dependent Markov chains with upper block-Hessenberg structure of the generator. Journal of Computational and Applied Mathematics, 2020, 366, 112425.	2.0	13
11	Mathematical Models for the Operation of a Cell With Bandwidth Sharing and Moving Users. IEEE Transactions on Wireless Communications, 2020, 19, 744-755.	9.2	11
12	A Priority Queue with Many Customer Types, Correlated Arrivals and Changing Priorities. Mathematics, 2020, 8, 1292.	2.2	8
13	Improvement of the Fairness of Non-Preemptive Priorities in the Transmission of Heterogeneous Traffic. Mathematics, 2020, 8, 929.	2.2	9
14	Optimization of Signals Processing in Nodes of Sensor Network with Energy Harvesting and Expenditure for Admission and Transmission. Lecture Notes in Computer Science, 2020, , 406-421.	1.3	0
15	Analysis of a Semi-Open Queueing Network with a State Dependent Markovian Arrival Process, Customers Retrials and Impatience. Mathematics, 2019, 7, 715.	2.2	3
16	Queueing Network with Moving Servers as a Model of Car Sharing Systems. Mathematics, 2019, 7, 825.	2.2	2
17	Retrial multi-server queueing system with PHF service time distribution as a model of a channel with unreliable transmission of information. Applied Mathematical Modelling, 2019, 65, 676-695.	4.2	40
18	Optimal Control by the Queue with Rate and Quality of Service Depending on the Amount of Harvested Energy as a Model of the Node of Wireless Sensor Network. Lecture Notes in Computer Science, 2019, , 165-178.	1.3	1

#	ARTICLE	IF	CITATIONS
55	Queueing System MAP/M/N as a Model of Call Center with Call-Back Option. Lecture Notes in Computer Science, 2012, , 1-15.	1.3	5
56	Call center operation model as a MAP/PH/N/R ⁿ system with impatient customers. Problems of Information Transmission, 2011, 47, 364-377.	0.5	15
57	Priority tandem queueing model with admission control. Computers and Industrial Engineering, 2011, 61, 131-140.	6.3	16
58	The servicing system MAP(PH)+MAP/PH/N/R as a model of optimizing an HTTP server with blockings. Automation and Remote Control, 2010, 71, 28-38.	0.8	2
59	The MAP + MAP/PH/1/N queueing system with single and batch arrivals of customers. Automation and Remote Control, 2009, 70, 872-884.	0.8	3
60	The queue with flows of customers as a model for traffic control in telecommunication networks. Performance Evaluation, 2009, 66, 564-579.	1.2	18
61	Queueing system with a phase process of query arrival in session. Automatic Control and Computer Sciences, 2009, 43, 113-122.	0.8	0
62	A two-phase queueing system with access control and correlated arrival processes. Automatic Control and Computer Sciences, 2009, 43, 295-302.	0.8	0
63	The MAP/M/N retrial queueing system with time-phased batch arrivals. Problems of Information Transmission, 2009, 45, 270-281.	0.5	7
64	Retrial queueing model with time-phased batch arrivals. , 2008, , .		1
65	An Erlang Loss Queue with Time-Phased Batch Arrivals as a Model for Traffic Control in Communication Networks. Mathematical Problems in Engineering, 2008, 2008, 1-14.	1.1	0
66	Queueing Model with Time-Phased Batch Arrivals. , 2007, , 719-730.		6