Anatoly Nazarov

List of Publications by Year
in descending order

47	251	1307366	1199470
papers	citations	7	12
		h-index	g-index

54	54	54	72
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Queueing network $MAP \hat{} \times 3$ with high-rate arrivals. European Journal of Operational Research, 2016, 254, 161-168.		
2	Sojourn Time Analysis of Finite Source Markov Retrial Queuing System with Collision. Communications in Computer and Information Science, 2015, , 64-72.	0.4	17
3	Asymptotic Analysis Of Markovian Retrial Queue With Two-Way Communication Under Low Rate Of Retrials Condition. , 2017, , .		16
4	A Survey of Recent Results in Finite-Source Retrial Queues with Collisions. Communications in Computer and Information Science, 2018, , 1-15.	0.4	14
5	Asymptotic Diffusion Analysis of Multi-Server Retrial Queue with Hyper-Exponential Service. Mathematics, 2020, 8, 531.	1.1	11
6	Comparative Analysis of Methods of Residual and Elapsed Service Time in the Study of the Closed Retrial Queuing System M/GI/1//N with Collision of the Customers and Unreliable Server. Communications in Computer and Information Science, 2017, , 97-110.	0.4	10
7	Asymptotic analysis of RQ-systems M|M|1 on heavy load condition. , 2012, , .		9
8	Investigation of high intensive general flow. , 2012, , .		8
9	Asymptotic analysis of the infinite-server queueing system with high-rate semi-Markov arrivals. , 2014, , .		8
10	Asymptotic sojourn time analysis of finite-source M/M/1 retrial queueing system with collisions and server subject to breakdowns and repairs. Annals of Operations Research, 2020, 288, 417-434.	2.6	8
11	Diffusion Limit of Multi-Server Retrial Queue with Setup Time. Mathematics, 2020, 8, 2232.	1.1	8
12	Some Features of a Finite-Source M/GI/1 Retrial Queuing System with Collisions of Customers. Communications in Computer and Information Science, 2017, , 186-200.	0.4	8
13	Performance Modeling of Finite-Source Retrial Queueing Systems with Collisions and Non-reliable Server Using MOSEL. Communications in Computer and Information Science, 2017, , 248-258.	0.4	8
14	Heavy Outgoing Call Asymptotics for $${MMPP{slash }}M{slash }1{slash }1$$ Retrial Queue with Two-Way Communication. Communications in Computer and Information Science, 2017, , 28-41.	0.4	8
15	Slow Retrial Asymptotics for a Single Server Queue with Two-Way Communication and Markov Modulated Poisson Input. Journal of Systems Science and Systems Engineering, 2019, 28, 181-193.	0.8	7
16	Asymptotic-Diffusion Analysis for Retrial Queue with Batch Poisson Input and Multiple Types of Outgoing Calls. Lecture Notes in Computer Science, 2019, , 207-222.	1.0	7
17	Diffusion Limit for Single-Server Retrial Queues with Renewal Input and Outgoing Calls. Mathematics, 2022, 10, 948.	1.1	6
18	Inventory Management System with Erlang Distribution of Batch Sizes. Communications in Computer and Information Science, 2016, , 273-280.	0.4	5

#	Article	IF	Citations
19	On a tandem queue with retrials and losses and state dependent arrival, service and retrial rates. International Journal of Operational Research, 2017, 29, 170.	0.1	4
20	Asymptotic-Diffusion Analysis of Multiserver Retrial Queueing System with Priority Customers. Communications in Computer and Information Science, 2021, , 236-250.	0.4	4
21	Tandem of Infinite-Server Queues withÂMarkovian Arrival Process. Communications in Computer and Information Science, 2016, , 323-333.	0.4	4
22	Diffusion Approximation for Multiserver Retrial Queue with Two-Way Communication. Lecture Notes in Computer Science, 2020, , 567-578.	1.0	4
23	Unreliable Single-Server Queue with Two-Way Communication and Retrials of Blocked and Interrupted Calls for Cognitive Radio Networks. Lecture Notes in Computer Science, 2018, , 276-287.	1.0	3
24	Asymptotic Analysis Methods for Multi-Server Retrial Queueing Systems. Infosys Science Foundation Series, 2020, , 159-177.	0.3	3
25	The $$M/GI/infty $$ M / G I / âˆž System Subject to Semi-Markovian Random Environment. Communications in Computer and Information Science, 2015, , 128-140.	0.4	3
26	Retrial Queueing System MMPP/M/1 with Impatient Calls Under Heavy Load Condition. Lecture Notes in Computer Science, 2019, , 3-15.	1.0	3
27	Asymptotic Diffusion Analysis ofÂanÂRetrial Queueing System M/M/1 withÂImpatient Calls. Communications in Computer and Information Science, 2022, , 233-246.	0.4	3
28	Multi-level MMPP as a Model of Fractal Traffic. Communications in Computer and Information Science, 2021, , 61-77.	0.4	2
29	Investigation of the Queueing Network $$GI-(GI|infty)^K$$ by Means of the First Jump Equation and Asymptotic Analysis. Communications in Computer and Information Science, 2014, , 229-240.	0.4	2
30	Inventory Management System with On/Off Control of Input Product Flow. Communications in Computer and Information Science, 2017, , 370-381.	0.4	2
31	A Cyclic Queueing System with Priority Customers and T-Strategy of Service. Communications in Computer and Information Science, 2016, , 182-193.	0.4	2
32	Asymptotic Sojourn Time Analysis ofÂFinite-Source M/M/1 Retrial Queuing System with Two-Way Communication. Communications in Computer and Information Science, 2018, , 172-183.	0.4	2
33	Scaling Limits ofÂaÂTandem Retrial Queue withÂCommon Orbit andÂPoisson Arrival Process. Lecture Notes in Computer Science, 2021, , 240-250.	1.0	2
34	Asymptotic Analysis Retrial Queueing System M/GI/1 with Hyper Exponential Distribution of the Delay Time in the Orbit and Exclusion of Alternative Customers. Communications in Computer and Information Science, 2016, , 292-302.	0.4	1
35	Mathematical Model of Scheduler with Semi-Markov Input and Bandwidth Sharing Discipline. , 2021, , .		1
36	Inventory Management System with On/Off Control of Output Product Flow. Lecture Notes in Computer Science, 2017, , 132-144.	1.0	1

#	ARTICLE	IF	CITATIONS
37	Markov and Non-Markov Probabilistic Models of Interacting Flows of Annihilating Particles. Communications in Computer and Information Science, 2016, , 281-291.	0.4	1
38	Discrete Gamma Approximation in Retrial Queue MMPP/M/1 Based on Moments Calculation. Lecture Notes in Computer Science, 2017, , 121-131.	1.0	1
39	Single Server Queues with Batch PoissonÂInput and Multiple Types ofÂOutgoing Calls. Communications in Computer and Information Science, 2019, , 177-187.	0.4	1
40	Multidimensional Central Limit Theorem of the Multiclass M/M/1/1 Retrial Queue. Lecture Notes in Computer Science, 2020, , 298-310.	1.0	1
41	Mathematical Model of Call Center in the Form of Multi-Server Queueing System. Mathematics, 2021, 9, 2877.	1.1	1
42	Inventory Management System with Two-Switch Synchronous Control. Lecture Notes in Computer Science, 2018, , 212-223.	1.0	0
43	Waiting Time Asymptotic Analysis of a M/M/1 Retrial Queueing System Under Two Types of Limiting Condition. Communications in Computer and Information Science, 2021, , 171-185.	0.4	0
44	Central Limit Theorem for an M/M/1/1 Retrial Queue with Unreliable Server and Two-Way Communication. Communications in Computer and Information Science, 2021, , 120-130.	0.4	0
45	Modified Cramer-Lundberg Models with On/Off Control and Hyperexponential Distribution of Demands Purchases Values. Communications in Computer and Information Science, 2017, , 380-394.	0.4	0
46	Method of Asymptotic Diffusion Analysis of Queueing System M|M|N with Feedback. Lecture Notes in Computer Science, 2020, , 131-143.	1.0	0
47	Asymptotic Waiting Time Analysis ofÂaÂM/GI/1 RQ System. Lecture Notes in Computer Science, 2021, , 128-139.	1.0	0