

Konstantin E Samouylov

List of Publications by Citations

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171
papers

1,309
citations

17
h-index

29
g-index

212
ext. papers

1,590
ext. citations

2.1
avg, IF

5.06
L-index

#	Paper	IF	Citations
171	Clustering Optimization for Out-of-Band D2D Communications. <i>Wireless Communications and Mobile Computing</i> , 2017 , 2017, 1-11	1.9	142
170	Vehicle-Based Relay Assistance for Opportunistic Crowdsensing Over Narrowband IoT (NB-IoT). <i>IEEE Internet of Things Journal</i> , 2018 , 5, 3710-3723	10.7	82
169	. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 2038-2055	14.2	73
168	Carrying out consensual Group Decision Making processes under social networks using sentiment analysis over comparative expressions. <i>Knowledge-Based Systems</i> , 2019 , 165, 335-345	7.3	63
167	Secure and Reliable IoT Networks Using Fog Computing with Software-Defined Networking and Blockchain. <i>Journal of Sensor and Actuator Networks</i> , 2019 , 8, 15	3.8	58
166	Analyzing Effects of Directionality and Random Heights in Drone-Based mmWave Communication. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 10064-10069	6.8	40
165	On the total amount of resources occupied by serviced customers. <i>Automation and Remote Control</i> , 2016 , 77, 1419-1427	0.6	30
164	Mathematical theory of teletraffic and its application to the analysis of multiservice communication of next generation networks. <i>Automatic Control and Computer Sciences</i> , 2013 , 47, 62-69	0.7	29
163	Evaluating SIR in 3D Millimeter-Wave Deployments: Direct Modeling and Feasible Approximations. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 879-896	9.6	27
162	Analyzing Impacts of Coexistence between M2M and H2H Communication on 3GPP LTE System. <i>Lecture Notes in Computer Science</i> , 2014 , 162-174	0.9	26
161	Integrated Use of Licensed- and Unlicensed-Band mmWave Radio Technology in 5G and Beyond. <i>IEEE Access</i> , 2019 , 7, 24376-24391	3.5	24
160	Resource allocation and sharing for heterogeneous data collection over conventional 3GPP LTE and emerging NB-IoT technologies. <i>Computer Communications</i> , 2018 , 120, 93-101	5.1	24
159	A group decision making support system for the Web: How to work in environments with a high number of participants and alternatives. <i>Applied Soft Computing Journal</i> , 2018 , 68, 191-201	7.5	23
158	A new stage in mathematical teletraffic theory. <i>Automation and Remote Control</i> , 2009 , 70, 1954-1964	0.6	20
157	Modelling and Analysing a Dynamic Resource Allocation Scheme for M2M Traffic in LTE Networks. <i>Lecture Notes in Computer Science</i> , 2013 , 420-426	0.9	18
156	Quantifying the Impact of Guard Capacity on Session Continuity in 3GPP New Radio Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 12345-12359	6.8	17
155	Characterizing Resource Allocation Trade-Offs in 5G NR Serving Multicast and Unicast Traffic. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 3421-3434	9.6	17

154	ANALYSIS OF MULTI-RESOURCE LOSS SYSTEM WITH STATE-DEPENDENT ARRIVAL AND SERVICE RATES. <i>Probability in the Engineering and Informational Sciences</i> , 2017 , 31, 413-419	0.6	17
153	Consensus in Group Decision Making and Social Networks. <i>Studies in Informatics and Control</i> , 2017 , 26,	2.1	17
152	Analysis of an M G 1 R queue with batch arrivals and two hysteretic overload control policies. <i>International Journal of Applied Mathematics and Computer Science</i> , 2014 , 24, 519-534	1.7	15
151	Flexible Spectrum Management in a Smart City Within Licensed Shared Access Framework. <i>IEEE Access</i> , 2017 , 5, 22252-22261	3.5	14
150	Performance Testing and Methodology for Evaluation of Power Line Communication. <i>Elektronika Ir Elektrotechnika</i> , 2018 , 24,	1.7	14
149	Service failure and interruption probability analysis for Licensed Shared Access regulatory framework 2015 ,		13
148	Sojourn Time Analysis for Processor Sharing Loss System with Unreliable Server. <i>Lecture Notes in Computer Science</i> , 2016 , 284-297	0.9	12
147	LTE performance analysis using queuing systems with finite resources and random requirements 2015 ,		12
146	Modeling unreliable LSA operation in 3GPP LTE cellular networks 2014 ,		12
145	Queuing Model for Loss-Based Overload Control in a SIP Server Using a Hysteretic Technique. <i>Lecture Notes in Computer Science</i> , 2012 , 371-378	0.9	11
144	. <i>IEEE Access</i> , 2019 , 7, 36300-36311	3.5	10
143	Analysis of an admission model in a fourth generation mobile network with triple play traffic. <i>Automatic Control and Computer Sciences</i> , 2013 , 47, 202-210	0.7	10
142	On the benefits of 5G wireless technology for future mobile cloud computing 2014 ,		10
141	System Model for Multi-level Cloud Based Tactile Internet System. <i>Lecture Notes in Computer Science</i> , 2017 , 77-86	0.9	9
140	Transfection by Polyethyleneimine-Coated Magnetic Nanoparticles: Fine-Tuning the Condition for Electrophysiological Experiments. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 1505-1514	4	9
139	Two approaches to analyzing dynamic cellular networks with limited resources 2014 ,		9
138	Modeling of Hysteretic Signaling Load Control in Next Generation Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 440-452	0.9	9
137	Analytical Modelling And Simulation For Performance Evaluation Of SIP Server With Hysteretic Overload Control 2014 ,		9

136	Time-Dependent SIR Modeling For D2D Communications In Indoor Deployments 2017,		9
135	An Analytical Model for 5G Network Resource Sharing with Flexible SLA-Oriented Slice Isolation. <i>Mathematics</i> , 2020 , 8, 1177	2.3	9
134	Improved Session Continuity in 5G NR with Joint Use of Multi-Connectivity and Guard Bandwidth 2018,		9
133	Optimal subgroup configuration for multicast services over 5G-satellite systems 2017,		8
132	Analyzing Blocking Probability in LTE Wireless Network via Queuing System with Finite Amount of Resources. <i>Communications in Computer and Information Science</i> , 2015 , 393-403	0.3	8
131	Modelling a Radio Admission Control Scheme for Video Telephony Service in Wireless Networks. <i>Lecture Notes in Computer Science</i> , 2012 , 208-215	0.9	8
130	Analyzing Mean Bit Rate of Multicast Video Conference in LTE Network with Adaptive Radio Admission Control Scheme*. <i>Journal of Mathematical Sciences</i> , 2016 , 218, 257-268	0.4	8
129	Analytical performance estimation of network-assisted D2D communications in urban scenarios with rectangular cells. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017 , 28, e2999	1.9	7
128	Analysis of Networks of the Resource Queuing Systems. <i>Automation and Remote Control</i> , 2018 , 79, 822-829		7
127	Modelling and performance analysis of pre-emption based radio admission control scheme for video conferencing over LTE 2014,		7
126	RESOURCE QUEUING SYSTEMS AS MODELS OF WIRELESS COMMUNICATION SYSTEMS. <i>Informatika I Ee Primeneniya</i> , 2018,	1	7
125	Joint Use of Guard Capacity and Multiconnectivity for Improved Session Continuity in Millimeter-Wave 5G NR Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 2657-2672	6.8	7
124	Evaluating a Case of Downlink Uplink Decoupling Using Queuing System with Random Requirements. <i>Lecture Notes in Computer Science</i> , 2016 , 440-450	0.9	7
123	Connectivity Properties of Vehicles in Street Deployment of 3GPP NR Systems 2018,		7
122	Improvement of the Fairness of Non-Preemptive Priorities in the Transmission of Heterogeneous Traffic. <i>Mathematics</i> , 2020 , 8, 929	2.3	6
121	Analysis of the BMAP/PH/N queueing system with backup servers. <i>Applied Mathematical Modelling</i> , 2018 , 57, 64-84	4.5	6
120	LTE network model with signals and random resource requirements 2017,		6
119	Priority-based Coexistence of eMBB and URLLC Traffic in Industrial 5G NR Deployments 2020,		6

118	Performance Analysis of Multi-Band Microwave and Millimeter-Wave Operation in 5G NR Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 3475-3490	9.6	6
117	Analysis of 3D Deafness Effects in Highly Directional mmWave Communications 2019 ,		6
116	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 1572-1584	10.7	6
115	Analysis of queueing model with processor sharing discipline and customers impatience. <i>Operations Research Perspectives</i> , 2018 , 5, 245-255	2.1	6
114	On Capturing Spatial Diversity of Joint M2M/H2H Dynamic Uplink Transmissions in 3GPP LTE Cellular System. <i>Lecture Notes in Computer Science</i> , 2015 , 407-421	0.9	5
113	Approximating Performance Measures of a Triple Play Loss Network Model. <i>Lecture Notes in Computer Science</i> , 2011 , 360-369	0.9	5
112	Analysis of a Retrial Queue with Limited Processor Sharing Operating in the Random Environment. <i>Lecture Notes in Computer Science</i> , 2017 , 38-49	0.9	5
111	SIR Distribution In D2D Environment With Non-Stationary Mobility Of Users 2017 ,		5
110	On Markovian modelling of arrival processes. <i>Statistical Papers</i> , 2018 , 59, 1533-1540	1	5
109	A Tutorial on Mathematical Modeling of 5G/6G Millimeter Wave and Terahertz Cellular Systems. <i>IEEE Communications Surveys and Tutorials</i> , 2022 , 1-1	37.1	5
108	Time-Dependent SIR Analysis in Shopping Malls Using Fractal-Based Mobility Models. <i>Lecture Notes in Computer Science</i> , 2017 , 16-25	0.9	4
107	Competitive queueing systems with comparative rating dependent arrivals. <i>Operations Research Perspectives</i> , 2020 , 7, 100139	2.1	4
106	Modeling Three-Dimensional Interference and SIR in Highly Directional mmWave Communications 2017 ,		4
105	Convolution algorithm for normalization constant evaluation in queueing system with random requirements 2017 ,		4
104	Recursive computation for a multi-rate model with elastic traffic and minimum rate guarantees 2010 ,		4
103	Performance of Priority-Based Traffic Coexistence Strategies in 5G mmWave Industrial Deployments. <i>IEEE Access</i> , 2022 , 10, 9241-9256	3.5	4
102	Experimental Evaluation of Dynamic Licensed Shared Access Operation in Live 3GPP LTE System 2016 ,		4
101	Modeling the utilization of a multi-tenant band in 3GPP LTE system with Licensed Shared Access 2016 ,		4

100	Optimization of admission control in tandem queue with heterogeneous customers and pre-service. <i>Optimization</i> , 2020 , 69, 165-185	1.2	4
99	Threshold-based queuing system for performance analysis of cloud computing system with dynamic scaling 2015 ,		3
98	Peer To Peer Offloading With Delayed Feedback: An Adversary Bandit Approach 2020 ,		3
97	Analysis of a Semi-Open Queuing Network with a State Dependent Marked Markovian Arrival Process, Customers Retrials and Impatience. <i>Mathematics</i> , 2019 , 7, 715	2.3	3
96	Modelling a Random Access Channel with Collisions for M2M Traffic in LTE Networks. <i>Lecture Notes in Computer Science</i> , 2014 , 301-310	0.9	3
95	Queuing systems with multiple queues and batch arrivals for cloud computing system performance analysis 2014 ,		3
94	A model for analysing impact of frequency reuse on inter-cell interference in LTE network 2012 ,		3
93	Analytical Modeling Of Rate-Based Overload Control With Token Bucket Traffic Shaping On Client Side 2015 ,		3
92	Ergodic Outage and Capacity of Terahertz Systems Under Micromobility and Blockage Impairments. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	3
91	The Analysis of the Computation Offloading Scheme with Two-Parameter Offloading Criterion in Fog Computing. <i>Lecture Notes in Computer Science</i> , 2019 , 11-20	0.9	3
90	Conditions for the product form of the stationary probability distribution of Markovian resource loss systems. <i>Vestnik Tomskogo Gosudarstvennogo Universiteta - Upravlenie, Vychislitel'maya Tekhnika I Informatika</i> , 2019 , 64-72	1.3	3
89	Approximate Analysis Of The Limited Resources Queuing System With Signals 2019 ,		3
88	Modelling of Virtual Radio Resources Slicing in 5G Networks. <i>Communications in Computer and Information Science</i> , 2019 , 150-161	0.3	3
87	Queue with Retrial Group for Modeling Best Effort Traffic with Minimum Bit Rate Guarantee Transmission Under Network Slicing. <i>Lecture Notes in Computer Science</i> , 2019 , 432-442	0.9	3
86	Modeling Radio Resource Allocation Scheme with Fixed Transmission Zones for Multiservice M2M Communications in Wireless IoT Infrastructure. <i>Lecture Notes in Computer Science</i> , 2015 , 473-483	0.9	3
85	Sojourn Time Analysis for Processor Sharing Loss Queuing System with Service Interruptions and MAP Arrivals. <i>Communications in Computer and Information Science</i> , 2016 , 406-417	0.3	3
84	Polling System with Threshold Control for Modeling of SIP Server under Overload. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 97-107	0.4	3
83	Handling Overflow Traffic in Millimeter Wave 5G NR Deployments using NR-U Technology 2020 ,		3

82	Analysis of Single-Server Multi-Class Queue with Unreliable Service, Batch Correlated Arrivals, Customers Impatience, and Dynamical Change of Priorities. <i>Mathematics</i> , 2021 , 9, 1257	2.3	3
81	Enhanced Radio Access Procedure in Sliced 5G Networks 2019 ,		3
80	Performance Analysis of Paging Strategies and Data Delivery Approaches for Supporting Group-Oriented IoT Traffic in 5G Networks 2019 ,		3
79	Simulation of the Limited Resources Queuing System with Signals 2018 ,		3
78	Analysis of loss systems with overlapping resource requirements. <i>Statistical Papers</i> , 2018 , 59, 1463-1470		3
77	A Practical Perspective on 5G-Ready Highly Dynamic Spectrum Management with LSA. <i>Wireless Communications and Mobile Computing</i> , 2018 , 2018, 1-10	1.9	3
76	Multi-tenant resource sharing with equitable-priority-based performance isolation of slices for 5G cellular systems. <i>Computer Communications</i> , 2022 , 188, 39-51	5.1	3
75	Approximating performance measures of radio admission control model for non real-time services with maximum bit rates in LTE 2015 ,		2
74	Game-Theoretic Learning for Sensor Reliability Evaluation Without Knowledge of the Ground Truth. <i>IEEE Transactions on Cybernetics</i> , 2020 ,	10.2	2
73	Mathematical Model of LTE Cells with Machine-Type and Broadband Communications. <i>Automation and Remote Control</i> , 2020 , 81, 622-636	0.6	2
72	Multiservice Queueing System with MAP Arrivals for Modelling LTE Cell with H2H and M2M Communications and M2M Aggregation. <i>Communications in Computer and Information Science</i> , 2017 , 63-74	0.3	2
71	Analytical model for multicast subgrouping in 5G-mobile eMBMS environment 2017 ,		2
70	Analytical model in discrete time for cross-layer video communication over LTE. <i>Automatic Control and Computer Sciences</i> , 2014 , 48, 345-357	0.7	2
69	Performance of Sigtran-based Signaling Links Deployed in Mobile Networks 2007 ,		2
68	ANALYSIS OF THE NETWORK SLICING MECHANISMS WITH GUARANTEED ALLOCATED RESOURCES FOR VARIOUS TRAFFIC TYPES. <i>Informatika I Ee Primeneniya</i> , 2020 ,	1	2
67	Prioritized Service of URLLC Traffic in Industrial Deployments of 5G NR Systems. <i>Lecture Notes in Computer Science</i> , 2020 , 497-509	0.9	2
66	Polyhedra of Finite State Machines and Their Use in the Identification Problem. <i>Lecture Notes in Computer Science</i> , 2020 , 110-121	0.9	2
65	FSM Based Simulation For Performance Evaluation Of SIP Server Loss-Based Overload Control 2015 ,		2

64	Resource System with Losses in a Random Environment. <i>Mathematics</i> , 2021 , 9, 2685	2.3	2
63	Analytical Models for Schedule-Based License Assisted Access (LAA) LTE Systems. <i>Lecture Notes in Computer Science</i> , 2018 , 210-223	0.9	2
62	Retrial Tandem Queue with BMAP-Input and Semi-Markovian Service Process. <i>Communications in Computer and Information Science</i> , 2017 , 159-173	0.3	2
61	Analysis of Business Process Execution Time with Queueing Theory Models. <i>Communications in Computer and Information Science</i> , 2016 , 315-326	0.3	2
60	Queueing Model with Unreliable Servers for Limit Power Policy Within Licensed Shared Access Framework. <i>Lecture Notes in Computer Science</i> , 2016 , 404-413	0.9	2
59	Busy Period Analysis of a Queueing System with Breakdowns and Its Application to Wireless Network Under Licensed Shared Access Regime. <i>Lecture Notes in Computer Science</i> , 2016 , 426-439	0.9	2
58	On Load-Aware Cell Association Schemes for Group User Mobility in mmWave Networks 2019 ,		2
57	Stochastic Lists of Multiple Resources. <i>Springer Proceedings in Mathematics and Statistics</i> , 2021 , 353-357	0.2	2
56	Multi-threshold control by a single-server queueing model with a service rate depending on the amount of harvested energy. <i>Performance Evaluation</i> , 2018 , 127-128, 1-20	1.2	2
55	Communication Capabilities of Wireless M-BUS: Remote Metering Within SmartGrid Infrastructure. <i>Lecture Notes in Computer Science</i> , 2018 , 31-42	0.9	2
54	Simplified Analysis of Queueing Systems with Random Requirements. <i>Springer Proceedings in Mathematics and Statistics</i> , 2018 , 381-390	0.2	2
53	. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 13690-13702	10.7	2
52	On Two Interacting Markovian Queueing Systems. <i>Mathematics</i> , 2019 , 7, 799	2.3	1
51	An Analytic Approach for Resource Allocation of IoT Multicast Traffic 2019 ,		1
50	On Truncation of the Matrix-Geometric Stationary Distributions. <i>Mathematics</i> , 2019 , 7, 798	2.3	1
49	Modelling and Performance Analysis of Multicast File Repair in 3GPP LTE Networks. <i>Lecture Notes in Computer Science</i> , 2015 , 383-392	0.9	1
48	Computing the Stationary Distribution of Queueing Systems with Random Resource Requirements via Fast Fourier Transform. <i>Mathematics</i> , 2020 , 8, 772	2.3	1
47	Baseline Analytical Model for Machine-Type Communications Over 3GPP RACH in LTE-Advanced Networks. <i>Communications in Computer and Information Science</i> , 2016 , 203-213	0.3	1

46	Augmented Reality Application to Emergency Systems with Usage of SLAM 2019 ,		1
45	Computation of the moments of queue length in theBMAPSM μ queue. <i>Operations Research Letters</i> , 2017 , 45, 467-470	1	1
44	Simulation of SIP-server with hysteretic input and loss-based overload control scheme 2014 ,		1
43	Agriculture Management Based on LoRa Edge Computing System. <i>Lecture Notes in Computer Science</i> , 2020 , 113-125	0.9	1
42	Firewall Simulation Model with Filtering Rules Ranking. <i>Communications in Computer and Information Science</i> , 2020 , 533-545	0.3	1
41	Maximizing Achievable Data Rate in Unlicensed mmWave Networks with Mobile Clients. <i>Lecture Notes in Computer Science</i> , 2019 , 282-294	0.9	1
40	Formalizing Set of Multiservice Models for Analyzing Pre-emption Mechanisms in Wireless 3GPP Networks. <i>Communications in Computer and Information Science</i> , 2016 , 61-71	0.3	1
39	Modeling the Process of Dynamic Resource Sharing Between LTE and NB-IoT Services. <i>Communications in Computer and Information Science</i> , 2017 , 1-12	0.3	1
38	Session-Level Reliability Analysis for Multi-Service Communication in Autonomous Vehicular Fleets. <i>IEEE Access</i> , 2020 , 8, 174629-174642	3.5	1
37	Group-based delivery of critical traffic in cellular IoT networks. <i>Computer Networks</i> , 2020 , 181, 107563	5.4	1
36	PRODUCT-FORM MARKOVIAN QUEUEING SYSTEMS WITH MULTIPLE RESOURCES. <i>Probability in the Engineering and Informational Sciences</i> , 2021 , 35, 180-188	0.6	1
35	A New Ranking Method of Alternatives for Group Decision Making in Social Networks 2018 ,		1
34	Comparison of LBOC and RBOC Mechanisms for SIP Server Overload Control. <i>Lecture Notes in Computer Science</i> , 2018 , 247-254	0.9	1
33	Network Slice Degradation Probability as a Metric for Defining Slice Performance Isolation. <i>Lecture Notes in Computer Science</i> , 2022 , 481-492	0.9	1
32	The Fourier Series Model for Predicting Sapflow Density Flux Based on TreeTalker Monitoring System. <i>Lecture Notes in Computer Science</i> , 2020 , 198-209	0.9	0
31	Simulation-Based Analysis of Mobility Models for Wireless UAV-to-X Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 14-27	0.9	0
30	On the Performance of LoRaWAN in Smart City: End-Device Design and Communication Coverage. <i>Lecture Notes in Computer Science</i> , 2019 , 15-29	0.9	0
29	On Analyzing the Blocking Probability of M2M Transmissions for a CQI-Based RRM Scheme Model in 3GPP LTE. <i>Communications in Computer and Information Science</i> , 2016 , 327-340	0.3	0

28	The Recognition of the Output Function of a Finite Automaton with Random Input. <i>Lecture Notes in Computer Science</i> , 2018 , 525-531	0.9	o
27	Coexistence Analysis of 5G NR Unlicensed and WiGig in Millimeter-Wave Spectrum. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	o
26	Analysis of the Resource Distribution Schemes in LTE-Advanced Relay-Enhanced Networks 2014 , 43-57		o
25	Discrete Time Bulk Service Queue for Analyzing LTE Packet Scheduling for V2X Communications. <i>Lecture Notes in Computer Science</i> , 2017 , 395-407	0.9	
24	On the Distribution of the First Break Down in the Wireless D2D Communication with Cashing. <i>Mathematical Models and Computer Simulations</i> , 2019 , 11, 321-327	0.8	
23	Analysis of the Limited Resources Queuing System with Signals and Multiple Flows of Customers. <i>ITM Web of Conferences</i> , 2019 , 24, 01007	0.1	
22	Characterizing the Degree of LTE Involvement in Supporting Session Continuity in Street Deployment of NR Systems. <i>Lecture Notes in Computer Science</i> , 2019 , 71-83	0.9	
21	On the Stability of D2D Connection with the Use of Kinetic Equation for SIR Empirical Distribution. <i>Lecture Notes in Computer Science</i> , 2019 , 111-124	0.9	
20	Numerical Study of the Consensus Degree Between Social Network Users in the Group Decision Making Process. <i>Lecture Notes in Computer Science</i> , 2019 , 586-598	0.9	
19	Algorithmic Analysis of a Two-Class Multi-server Heterogeneous Queueing System with a Controllable Cross-connectivity. <i>Lecture Notes in Computer Science</i> , 2020 , 1-17	0.9	
18	Interaction Between User and UAV with Unreliable Location Information. <i>Lecture Notes in Computer Science</i> , 2020 , 439-449	0.9	
17	Energy-Aware Algorithm for LoRa Technology: Prototype Implementation. <i>Lecture Notes in Computer Science</i> , 2020 , 11-20	0.9	
16	Cesaro Sequences and Cesaro Hereditary Automata. <i>Lecture Notes in Computer Science</i> , 2020 , 259-269	0.9	
15	Dynamic Algorithm for Building Future Networks Based on Intelligent Core Network. <i>Lecture Notes in Computer Science</i> , 2020 , 126-136	0.9	
14	Tractable Distance Distribution Approximations for Hardcore Processes. <i>Communications in Computer and Information Science</i> , 2016 , 98-109	0.3	
13	Stationary Distribution of Waiting Time in MAP/G/1/N Queueing System with LIFO Service Discipline. <i>Lecture Notes in Computer Science</i> , 2017 , 50-61	0.9	
12	Modeling End-to-End Business Processes of a Telecom Company with a BCMP Queueing Network. <i>Communications in Computer and Information Science</i> , 2017 , 279-296	0.3	
11	Analysis of Admission Control Schemes Models for Wireless Network Under Licensed Shared Access Framework. <i>Lecture Notes in Computer Science</i> , 2017 , 536-549	0.9	

10	Analysis of Queueing System with Resources and Signals. <i>Communications in Computer and Information Science</i> , 2017 , 358-369	0.3
9	Resource Sharing Model with Minimum Allocation for the Performance Analysis of Network Slicing. <i>Communications in Computer and Information Science</i> , 2021 , 378-389	0.3
8	On the analysis of the limited resources queueing system under MAP arrivals. <i>ITM Web of Conferences</i> , 2018 , 16, 01008	0.1
7	Analysis of Resource Sharing Between MBB and MTC Sessions with Data Aggregation Using Matrix-Analytic Methods and Simulation. <i>Lecture Notes in Computer Science</i> , 2018 , 170-183	0.9
6	Analytical Model and Feedback Predictor Optimization for Combined Early-HARQ and HARQ. <i>Mathematics</i> , 2021 , 9, 2104	2.3
5	Analysis of Multi-Server Queue with Self-Sustained Servers. <i>Mathematics</i> , 2021 , 9, 2134	2.3
4	Flexible architecture for deployment of edge computing applications. <i>Simulation Modelling Practice and Theory</i> , 2022 , 114, 102402	3.9
3	The Multi-Resource Service System with Service Times Dependent on the Required Amounts of Resources 2021 , 217-225	
2	Application Examples and Case Studies 2021 , 267-288	
1	Balancing Latency and Energy Efficiency in mmWave 5G NR Systems with Multiconnectivity. <i>IEEE Communications Letters</i> , 2022 , 1-1	3.8