Konstantin E Samouylov

List of Publications by Year in Descending Order

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	Performance of Priority-Based Traffic Coexistence Strategies in 5G mmWave Industrial Deployments. *IEEE Access*, **2022**, 10, 9241-9256	3.5	4
170	Flexible architecture for deployment of edge computing applications. *Simulation Modelling Practice and Theory*, **2022**, 114, 102402	3.9	
169	A Tutorial on Mathematical Modeling of 5G/6G Millimeter Wave and Terahertz Cellular Systems. *IEEE Communications Surveys and Tutorials*, **2022**, 1-1	37.1	5
168	Network Slice Degradation Probability as a Metric for Defining Slice Performance Isolation. *Lecture Notes in Computer Science*, **2022**, 481-492	0.9	1
167	Multi-tenant resource sharing with equitable-priority-based performance isolation of slices for 5G cellular systems. *Computer Communications*, **2022**, 188, 39-51	5.1	3
166	Balancing Latency and Energy Efficiency in mmWave 5G NR Systems with Multiconnectivity. *IEEE Communications Letters*, **2022**, 1-1	3.8	
165	Ergodic Outage and Capacity of Terahertz Systems Under Micromobility and Blockage Impairments. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	3
164	Resource System with Losses in a Random Environment. *Mathematics*, **2021**, 9, 2685	2.3	2
163	Joint Use of Guard Capacity and Multiconnectivity for Improved Session Continuity in Millimeter-Wave 5G NR Systems. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 2657-2672	6.8	7
162	Analysis of Single-Server Multi-Class Queue with Unreliable Service, Batch Correlated Arrivals, Customers Impatience, and Dynamical Change of Priorities. *Mathematics*, **2021**, 9, 1257	2.3	3
161	Performance Analysis of Multi-Band Microwave and Millimeter-Wave Operation in 5G NR Systems. *IEEE Transactions on Wireless Communications*, **2021**, 20, 3475-3490	9.6	6
160	PRODUCT-FORM MARKOVIAN QUEUEING SYSTEMS WITH MULTIPLE RESOURCES. *Probability in the Engineering and Informational Sciences*, **2021**, 35, 180-188	0.6	1
159	. *IEEE Internet of Things Journal*, **2021**, 8, 1572-1584	10.7	6
158	Resource Sharing Model with Minimum Allocation for the Performance Analysis of Network Slicing. *Communications in Computer and Information Science*, **2021**, 378-389	0.3	
157	Stochastic Lists of Multiple Resources. *Springer Proceedings in Mathematics and Statistics*, **2021**, 353-357	0.2	2
156	Analytical Model and Feedback Predictor Optimization for Combined Early-HARQ and HARQ. *Mathematics*, **2021**, 9, 2104	2.3	
155	Analysis of Multi-Server Queue with Self-Sustained Servers. *Mathematics*, **2021**, 9, 2134	2.3	

154	. *IEEE Internet of Things Journal*, **2021**, 8, 13690-13702	10.7	2
153	Coexistence Analysis of 5G NR Unlicensed and WiGig in Millimeter-Wave Spectrum. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	0
152	The Multi-Resource Service System with Service Times Dependent on the Required Amounts of Resources **2021**, 217-225		
151	Application Examples and Case Studies **2021**, 267-288		
150	Peer To Peer Offloading With Delayed Feedback: An Adversary Bandit Approach **2020**,		3
149	Computing the Stationary Distribution of Queueing Systems with Random Resource Requirements via Fast Fourier Transform. *Mathematics*, **2020**, 8, 772	2.3	1
148	Characterizing Resource Allocation Trade-Offs in 5G NR Serving Multicast and Unicast Traffic. *IEEE Transactions on Wireless Communications*, **2020**, 19, 3421-3434	9.6	17
147	Improvement of the Fairness of Non-Preemptive Priorities in the Transmission of Heterogeneous Traffic. *Mathematics*, **2020**, 8, 929	2.3	6
146	Game-Theoretic Learning for Sensor Reliability Evaluation Without Knowledge of the Ground Truth. *IEEE Transactions on Cybernetics*, **2020**,	10.2	2
145	Competitive queueing systems with comparative rating dependent arrivals. *Operations Research Perspectives*, **2020**, 7, 100139	2.1	4
144	Mathematical Model of LTE Cells with Machine-Type and Broadband Communications. *Automation and Remote Control*, **2020**, 81, 622-636	0.6	2
143	ANALYSIS OF THE NETWORK SLICING MECHANISMS WITH GUARANTEED ALLOCATED RESOURCES FOR VARIOUS TRAFFIC TYPES. *Informatika I Ee Primeneniya*, **2020**,	1	2
142	The Fourier Series Model for Predicting Sapflow Density Flux Based on TreeTalker Monitoring System. *Lecture Notes in Computer Science*, **2020**, 198-209	0.9	0
141	Prioritized Service of URLLC Traffic in Industrial Deployments of 5G NR Systems. *Lecture Notes in Computer Science*, **2020**, 497-509	0.9	2
140	Agriculture Management Based on LoRa Edge Computing System. *Lecture Notes in Computer Science*, **2020**, 113-125	0.9	1
139	Polyhedra of Finite State Machines and Their Use in the Identification Problem. *Lecture Notes in Computer Science*, **2020**, 110-121	0.9	2
138	Firewall Simulation Model with Filtering Rules Ranking. *Communications in Computer and Information Science*, **2020**, 533-545	0.3	1
137	Simulation-Based Analysis of Mobility Models for Wireless UAV-to-X Networks. *Lecture Notes in Computer Science*, **2020**, 14-27	0.9	0

136	Algorithmic Analysis of a Two-Class Multi-server Heterogeneous Queueing System with a Controllable Cross-connectivity. *Lecture Notes in Computer Science*, **2020**, 1-17	0.9	
135	Interaction Between User and UAV with Unreliable Location Information. *Lecture Notes in Computer Science*, **2020**, 439-449	0.9	
134	Energy-Aware Algorithm for LoRa Technology: Prototype Implementation. *Lecture Notes in Computer Science*, **2020**, 11-20	0.9	
133	Cesaro Sequences and Cesaro Hereditary Automata. *Lecture Notes in Computer Science*, **2020**, 259-269	0.9	
132	Dynamic Algorithm for Building Future Networks Based on Intelligent Core Network. *Lecture Notes in Computer Science*, **2020**, 126-136	0.9	
131	Session-Level Reliability Analysis for Multi-Service Communication in Autonomous Vehicular Fleets. *IEEE Access*, **2020**, 8, 174629-174642	3.5	1
130	Group-based delivery of critical traffic in cellular IoT networks. *Computer Networks*, **2020**, 181, 107563	5.4	1
129	An Analytical Model for 5G Network Resource Sharing with Flexible SLA-Oriented Slice Isolation. *Mathematics*, **2020**, 8, 1177	2.3	9
128	Handling Overflow Traffic in Millimeter Wave 5G NR Deployments using NR-U Technology **2020**,		3
127	Priority-based Coexistence of eMBB and URLLC Traffic in Industrial 5G NR Deployments **2020**,		6
126	Optimization of admission control in tandem queue with heterogeneous customers and pre-service. *Optimization*, **2020**, 69, 165-185	1.2	4
125	On Two Interacting Markovian Queueing Systems. *Mathematics*, **2019**, 7, 799	2.3	1
124	Carrying out consensual Group Decision Making processes under social networks using sentiment analysis over comparative expressions. *Knowledge-Based Systems*, **2019**, 165, 335-345	7.3	63
123	Quantifying the Impact of Guard Capacity on Session Continuity in 3GPP New Radio Systems. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 12345-12359	6.8	17
122	An Analytic Approach for Resource Allocation of IoT Multicast Traffic **2019**,		1
121	On the Distribution of the First Break Down in the Wireless D2D Communication with Cashing. *Mathematical Models and Computer Simulations*, **2019**, 11, 321-327	0.8	
120	On Truncation of the Matrix-Geometric Stationary Distributions. *Mathematics*, **2019**, 7, 798	2.3	1
119	. *IEEE Access*, **2019**, 7, 36300-36311	3.5	10

118	Integrated Use of Licensed- and Unlicensed-Band mmWave Radio Technology in 5G and Beyond. *IEEE Access*, **2019**, 7, 24376-24391	3.5	24
117	Analysis of the Limited Resources Queuing System with Signals and Multiple Flows of Customers. *ITM Web of Conferences*, **2019**, 24, 01007	0.1	
116	Analysis of a Semi-Open Queuing Network with a State Dependent Marked Markovian Arrival Process, Customers Retrials and Impatience. *Mathematics*, **2019**, 7, 715	2.3	3
115	Augmented Reality Application to Emergency Systems with Usage of SLAM **2019**,		1
114	On the Performance of LoRaWAN in Smart City: End-Device Design and Communication Coverage. *Lecture Notes in Computer Science*, **2019**, 15-29	0.9	0
113	Characterizing the Degree of LTE Involvement in Supporting Session Continuity in Street Deployment of NR Systems. *Lecture Notes in Computer Science*, **2019**, 71-83	0.9	
112	Maximizing Achievable Data Rate in Unlicensed mmWave Networks with Mobile Clients. *Lecture Notes in Computer Science*, **2019**, 282-294	0.9	1
111	On the Stability of D2D Connection with the Use of Kinetic Equation for SIR Empirical Distribution. *Lecture Notes in Computer Science*, **2019**, 111-124	0.9	
110	The Analysis of the Computation Offloading Scheme with Two-Parameter Offloading Criterion in Fog Computing. *Lecture Notes in Computer Science*, **2019**, 11-20	0.9	3
109	Numerical Study of the Consensus Degree Between Social Network Users in the Group Decision Making Process. *Lecture Notes in Computer Science*, **2019**, 586-598	0.9	
108	Conditions for the product form of the stationary probability distribution of Markovian resource loss systems. *Vestnik Tomskogo Gosudarstvennogo Universiteta - Upravlenie, Vychislitelmaya Tekhnika I Informatika*, **2019**, 64-72	1.3	3
107	Approximate Analysis Of The Limited Resources Queuing System With Signals **2019**,		3
106	Modelling of Virtual Radio Resources Slicing in 5G Networks. *Communications in Computer and Information Science*, **2019**, 150-161	0.3	3
105	Queue with Retrial Group for Modeling Best Effort Traffic with Minimum Bit Rate Guarantee Transmission Under Network Slicing. *Lecture Notes in Computer Science*, **2019**, 432-442	0.9	3
104	Secure and Reliable IoT Networks Using Fog Computing with Software-Defined Networking and Blockchain. *Journal of Sensor and Actuator Networks*, **2019**, 8, 15	3.8	58
103	Enhanced Radio Access Procedure in Sliced 5G Networks **2019**,		3
102	Performance Analysis of Paging Strategies and Data Delivery Approaches for Supporting Group-Oriented IoT Traffic in 5G Networks **2019**,		3
101	Analysis of 3D Deafness Effects in Highly Directional mmWave Communications **2019**,		6

100	On Load-Aware Cell Association Schemes for Group User Mobility in mmWave Networks **2019**,		2
99	Evaluating SIR in 3D Millimeter-Wave Deployments: Direct Modeling and Feasible Approximations. *IEEE Transactions on Wireless Communications*, **2019**, 18, 879-896	9.6	27
98	A group decision making support system for the Web: How to work in environments with a high number of participants and alternatives. *Applied Soft Computing Journal*, **2018**, 68, 191-201	7.5	23
97	Resource allocation and sharing for heterogeneous data collection over conventional 3GPP LTE and emerging NB-IoT technologies. *Computer Communications*, **2018**, 120, 93-101	5.1	24
96	Analysis of the BMAP/PH/N queueing system with backup servers. *Applied Mathematical Modelling*, **2018**, 57, 64-84	4.5	6
95	Vehicle-Based Relay Assistance for Opportunistic Crowdsensing Over Narrowband IoT (NB-IoT). *IEEE Internet of Things Journal*, **2018**, 5, 3710-3723	10.7	82
94	Analyzing Effects of Directionality and Random Heights in Drone-Based mmWave Communication. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 10064-10069	6.8	40
93	Transfection by Polyethyleneimine-Coated Magnetic Nanoparticles: Fine-Tuning the Condition for Electrophysiological Experiments. *Journal of Biomedical Nanotechnology*, **2018**, 14, 1505-1514	4	9
92	Analysis of Networks of the Resource Queuing Systems. *Automation and Remote Control*, **2018**, 79, 822-829		7
91	RESOURCE QUEUING SYSTEMS AS MODELS OF WIRELESS COMMUNICATION SYSTEMS. *Informatika I Ee Primeneniya*, **2018**,	1	7
90	Performance Testing and Methodology for Evaluation of Power Line Communication. *Elektronika Ir Elektrotechnika*, **2018**, 24,	1.7	14
89	Analytical Models for Schedule-Based License Assisted Access (LAA) LTE Systems. *Lecture Notes in Computer Science*, **2018**, 210-223	0.9	2
88	Improved Session Continuity in 5G NR with Joint Use of Multi-Connectivity and Guard Bandwidth **2018**,		9
87	Connectivity Properties of Vehicles in Street Deployment of 3GPP NR Systems **2018**,		7
86	Simulation of the Limited Resources Queuing System with Signals **2018**,		3
85	A New Ranking Method of Alternatives for Group Decision Making in Social Networks **2018**,		1
84	Analysis of loss systems with overlapping resource requirements. *Statistical Papers*, **2018**, 59, 1463-1470	1	3
83	On Markovian modelling of arrival processes. *Statistical Papers*, **2018**, 59, 1533-1540	1	5

82	On the analysis of the limited resources queuing system under MAP arrivals. *ITM Web of Conferences*, **2018**, 16, 01008	0.1	
81	Multi-threshold control by a single-server queuing model with a service rate depending on the amount of harvested energy. *Performance Evaluation*, **2018**, 127-128, 1-20	1.2	2
80	Comparison of LBOC and RBOC Mechanisms for SIP Server Overload Control. *Lecture Notes in Computer Science*, **2018**, 247-254	0.9	1
79	The Recognition of the Output Function of a Finite Automaton with Random Input. *Lecture Notes in Computer Science*, **2018**, 525-531	0.9	0
78	Analysis of queueing model with processor sharing discipline and customers impatience. *Operations Research Perspectives*, **2018**, 5, 245-255	2.1	6
77	A Practical Perspective on 5G-Ready Highly Dynamic Spectrum Management with LSA. *Wireless Communications and Mobile Computing*, **2018**, 2018, 1-10	1.9	3
76	Communication Capabilities of Wireless M-BUS: Remote Metering Within SmartGrid Infrastructure. *Lecture Notes in Computer Science*, **2018**, 31-42	0.9	2
75	Analysis of Resource Sharing Between MBB and MTC Sessions with Data Aggregation Using Matrix-Analytic Methods and Simulation. *Lecture Notes in Computer Science*, **2018**, 170-183	0.9	
74	Simplified Analysis of Queueing Systems with Random Requirements. *Springer Proceedings in Mathematics and Statistics*, **2018**, 381-390	0.2	2
73	Analytical performance estimation of network-assisted D2D communications in urban scenarios with rectangular cells. *Transactions on Emerging Telecommunications Technologies*, **2017**, 28, e2999	1.9	7
72	System Model for Multi-level Cloud Based Tactile Internet System. *Lecture Notes in Computer Science*, **2017**, 77-86	0.9	9
71	Time-Dependent SIR Analysis in Shopping Malls Using Fractal-Based Mobility Models. *Lecture Notes in Computer Science*, **2017**, 16-25	0.9	4
70	Discrete Time Bulk Service Queue for Analyzing LTE Packet Scheduling for V2X Communications. *Lecture Notes in Computer Science*, **2017**, 395-407	0.9	
69	Modeling Three-Dimensional Interference and SIR in Highly Directional mmWave Communications **2017**,		4
68	Clustering Optimization for Out-of-Band D2D Communications. *Wireless Communications and Mobile Computing*, **2017**, 2017, 1-11	1.9	142
67	Multiservice Queueing System with MAP Arrivals for Modelling LTE Cell with H2H and M2M Communications and M2M Aggregation. *Communications in Computer and Information Science*, **2017**, 63-74	0.3	2
66	Optimal subgroup configuration for multicast services over 5G-satellite systems **2017**,		8
65	Computation of the moments of queue length in the BMAP/SM/1 queue. *Operations Research Letters*, **2017**, 45, 467-470	1	1

64	ANALYSIS OF MULTI-RESOURCE LOSS SYSTEM WITH STATE-DEPENDENT ARRIVAL AND SERVICE RATES. *Probability in the Engineering and Informational Sciences*, **2017**, 31, 413-419	0.6	17
63	. *IEEE Journal on Selected Areas in Communications*, **2017**, 35, 2038-2055	14.2	73
62	Flexible Spectrum Management in a Smart City Within Licensed Shared Access Framework. *IEEE Access*, **2017**, 5, 22252-22261	3.5	14
61	Convolution algorithm for normalization constant evaluation in queuing system with random requirements **2017**,		4
60	LTE network model with signals and random resource requirements **2017**,		6
59	Analytical model for multicast subgrouping in 5G-mobile eMBMS environment **2017**,		2
58	Consensus in Group Decision Making and Social Networks. *Studies in Informatics and Control*, **2017**, 26,	2.1	17
57	Analysis of a Retrial Queue with Limited Processor Sharing Operating in the Random Environment. *Lecture Notes in Computer Science*, **2017**, 38-49	0.9	5
56	Retrial Tandem Queue with BMAP-Input and Semi-Markovian Service Process. *Communications in Computer and Information Science*, **2017**, 159-173	0.3	2
55	Modeling the Process of Dynamic Resource Sharing Between LTE and NB-IoT Services. *Communications in Computer and Information Science*, **2017**, 1-12	0.3	1
54	Stationary Distribution of Waiting Time in MAP/G/1/N Queueing System with LIFO Service Discipline. *Lecture Notes in Computer Science*, **2017**, 50-61	0.9	
53	Modeling End-to-End Business Processes of a Telecom Company with a BCMP Queueing Network. *Communications in Computer and Information Science*, **2017**, 279-296	0.3	
52	Analysis of Admission Control Schemes Models for Wireless Network Under Licensed Shared Access Framework. *Lecture Notes in Computer Science*, **2017**, 536-549	0.9	
51	Analysis of Queueing System with Resources and Signals. *Communications in Computer and Information Science*, **2017**, 358-369	0.3	
50	SIR Distribution In D2D Environment With Non-Stationary Mobility Of Users **2017**,		5
49	Time-Dependent SIR Modeling For D2D Communications In Indoor Deployments **2017**,		9
48	Sojourn Time Analysis for Processor Sharing Loss System with Unreliable Server. *Lecture Notes in Computer Science*, **2016**, 284-297	0.9	12
47	Baseline Analytical Model for Machine-Type Communications Over 3GPP RACH in LTE-Advanced Networks. *Communications in Computer and Information Science*, **2016**, 203-213	0.3	1

46	On the total amount of resources occupied by serviced customers. *Automation and Remote Control*, **2016**, 77, 1419-1427	0.6	30
45	Formalizing Set of Multiservice Models for Analyzing Pre-emption Mechanisms in Wireless 3GPP Networks. *Communications in Computer and Information Science*, **2016**, 61-71	0.3	1
44	Sojourn Time Analysis for Processor Sharing Loss Queuing System with Service Interruptions and MAP Arrivals. *Communications in Computer and Information Science*, **2016**, 406-417	0.3	3
43	Tractable Distance Distribution Approximations for Hardcore Processes. *Communications in Computer and Information Science*, **2016**, 98-109	0.3	
42	Experimental Evaluation of Dynamic Licensed Shared Access Operation in Live 3GPP LTE System **2016**,		4
41	Modeling the utilization of a multi-tenant band in 3GPP LTE system with Licensed Shared Access **2016**,		4
40	Analysis of Business Process Execution Time with Queueing Theory Models. *Communications in Computer and Information Science*, **2016**, 315-326	0.3	2
39	On Analyzing the Blocking Probability of M2M Transmissions for a CQI-Based RRM Scheme Model in 3GPP LTE. *Communications in Computer and Information Science*, **2016**, 327-340	0.3	0
38	Queuing Model with Unreliable Servers for Limit Power Policy Within Licensed Shared Access Framework. *Lecture Notes in Computer Science*, **2016**, 404-413	0.9	2
37	Analyzing Mean Bit Rate of Multicast Video Conference in LTE Network with Adaptive Radio Admission Control Scheme*. *Journal of Mathematical Sciences*, **2016**, 218, 257-268	0.4	8
36	Busy Period Analysis of a Queueing System with Breakdowns and Its Application to Wireless Network Under Licensed Shared Access Regime. *Lecture Notes in Computer Science*, **2016**, 426-439	0.9	2
35	Evaluating a Case of Downlink Uplink Decoupling Using Queuing System with Random Requirements. *Lecture Notes in Computer Science*, **2016**, 440-450	0.9	7
34	Threshold-based queuing system for performance analysis of cloud computing system with dynamic scaling **2015**,		3
33	Approximating performance measures of radio admission control model for non real-time services with maximum bit rates in LTE **2015**,		2
32	Modelling and Performance Analysis of Multicast File Repair in 3GPP LTE Networks. *Lecture Notes in Computer Science*, **2015**, 383-392	0.9	1
31	On Capturing Spatial Diversity of Joint M2M/H2H Dynamic Uplink Transmissions in 3GPP LTE Cellular System. *Lecture Notes in Computer Science*, **2015**, 407-421	0.9	5
30	Analyzing Blocking Probability in LTE Wireless Network via Queuing System with Finite Amount of Resources. *Communications in Computer and Information Science*, **2015**, 393-403	0.3	8
29	LTE performance analysis using queuing systems with finite resources and random requirements **2015**,		12

28	Service failure and interruption probability analysis for Licensed Shared Access regulatory framework **2015**,		13
27	Analytical Modeling Of Rate-Based Overload Control With Token Bucket Traffic Shaping On Client Side **2015**,		3
26	FSM Based Simulation For Performance Evaluation Of SIP Server Loss-Based Overload Control **2015** ,		2
25	Modeling Radio Resource Allocation Scheme with Fixed Transmission Zones for Multiservice M2M Communications in Wireless IoT Infrastructure. *Lecture Notes in Computer Science*, **2015**, 473-483	0.9	3
24	Modelling and performance analysis of pre-emption based radio admission control scheme for video conferencing over LTE **2014**,		7
23	On the benefits of 5G wireless technology for future mobile cloud computing **2014**,		10
22	Modelling a Random Access Channel with Collisions for M2M Traffic in LTE Networks. *Lecture Notes in Computer Science*, **2014**, 301-310	0.9	3
21	Queuing systems with multiple queues and batch arrivals for cloud computing system performance analysis **2014**,		3
20	Analysis of an M|G|1|R queue with batch arrivals and two hysteretic overload control policies. *International Journal of Applied Mathematics and Computer Science*, **2014**, 24, 519-534	1.7	15
19	Two approaches to analyzing dynamic cellular networks with limited resources **2014**,		9
18	Analytical model in discrete time for cross-layer video communication over LTE. *Automatic Control and Computer Sciences*, **2014**, 48, 345-357	0.7	2
17	Modeling unreliable LSA operation in 3GPP LTE cellular networks **2014**,		12
16	Simulation of SIP-server with hysteretic input and loss-based overload control scheme **2014**,		1
15	Analytical Modelling And Simulation For Performance Evaluation Of SIP Server With Hysteretic Overload Control **2014**,		9
14	Analyzing Impacts of Coexistence between M2M and H2H Communication on 3GPP LTE System. *Lecture Notes in Computer Science*, **2014**, 162-174	0.9	26
13	Polling System with Threshold Control for Modeling of SIP Server under Overload. *Advances in Intelligent Systems and Computing*, **2014**, 97-107	0.4	3
12	Analysis of the Resource Distribution Schemes in LTE-Advanced Relay-Enhanced Networks **2014**, 43-57		0
11	Mathematical theory of teletraffic and its application to the analysis of multiservice communication of next generation networks. *Automatic Control and Computer Sciences*, **2013**, 47, 62-69	0.7	29

LIST OF PUBLICATIONS

10	Analysis of an admission model in a fourth generation mobile network with triple play traffic. *Automatic Control and Computer Sciences*, **2013**, 47, 202-210	0.7	10
9	Modelling and Analysing a Dynamic Resource Allocation Scheme for M2M Traffic in LTE Networks. *Lecture Notes in Computer Science*, **2013**, 420-426	0.9	18
8	A model for analysing impact of frequency reuse on inter-cell interference in LTE network **2012**,		3
7	Modelling a Radio Admission Control Scheme for Video Telephony Service in Wireless Networks. *Lecture Notes in Computer Science*, **2012**, 208-215	0.9	8
6	Modeling of Hysteretic Signaling Load Control in Next Generation Networks. *Lecture Notes in Computer Science*, **2012**, 440-452	0.9	9
5	Queuing Model for Loss-Based Overload Control in a SIP Server Using a Hysteretic Technique. *Lecture Notes in Computer Science*, **2012**, 371-378	0.9	11
4	Approximating Performance Measures of a Triple Play Loss Network Model. *Lecture Notes in Computer Science*, **2011**, 360-369	0.9	5
3	Recursive computation for a multi-rate model with elastic traffic and minimum rate guarantees **2010**,		4
2	A new stage in mathematical teletraffic theory. *Automation and Remote Control*, **2009**, 70, 1954-1964	0.6	20
1	Performance of Sigtran-based Signaling Links Deployed in Mobile Networks **2007**,		2