

# Moshe Zukerman

## List of Publications by Year in descending order

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246  
papers

4,719  
citations

126907

33  
h-index

161849

54  
g-index

247  
all docs

247  
docs citations

247  
times ranked

2963  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Efficient Base-Stations Sleep-Mode Techniques in Green Cellular Networks: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 803-826.	39.4	351
2	Distributed Energy Trading in Microgrids: A Game-Theoretic Model and Its Equilibrium Analysis. IEEE Transactions on Industrial Electronics, 2015, 62, 3524-3533.	7.9	310
3	AN ESTIMATION OF SENSOR ENERGY CONSUMPTION. Progress in Electromagnetics Research B, 2009, 12, 259-295.	1.0	162
4	Performance analyses of optical burst-switching networks. IEEE Journal on Selected Areas in Communications, 2003, 21, 1187-1197.	14.0	135
5	Connectivity, Coverage and Placement in Wireless Sensor Networks. Sensors, 2009, 9, 7664-7693.	3.8	129
6	Novel Node-Arc Model and Multiteration Heuristics for Static Routing and Spectrum Assignment in Elastic Optical Networks. Journal of Lightwave Technology, 2013, 31, 3402-3413.	4.6	118
7	Broadband traffic modeling: simple solutions to hard problems. , 1998, 36, 88-95.		106
8	PD-RED: to improve the performance of RED. IEEE Communications Letters, 2003, 7, 406-408.	4.1	104
9	Blocking probability for priority classes in optical burst switching networks. IEEE Communications Letters, 2002, 6, 214-216.	4.1	91
10	Research challenges towards the Future Internet. Computer Communications, 2011, 34, 2115-2134.	5.1	61
11	Spectrum-efficient and agile CO-OFDM optical transport networks: architecture, design, and operation. , 2012, 50, 82-89.		57
12	Multicast Routing and Distance-Adaptive Spectrum Allocation in Elastic Optical Networks With Shared Protection. Journal of Lightwave Technology, 2016, 34, 4076-4088.	4.6	57
13	The DQDB protocol and its performance under overload traffic conditions. Computer Networks, 1990, 20, 261-270.	1.0	54
14	MaxNet: a congestion control architecture. IEEE Communications Letters, 2002, 6, 512-514.	4.1	54
15	QoS in best-effort networks. , 2002, 40, 44-49.		53
16	An approximation for performance evaluation of stationary single server queues. IEEE Transactions on Communications, 1994, 42, 3150-3160.	7.8	51
17	A Markovian Framework for Performance Evaluation of IEEE 802.11. IEEE Transactions on Wireless Communications, 2007, 6, 1276-1265.	9.2	47
18	MaxNet: a congestion control architecture for scalable networks. IEEE Communications Letters, 2003, 7, 511-513.	4.1	44

#	ARTICLE	IF	CITATIONS
19	A framework for optical burst switching network design. IEEE Communications Letters, 2002, 6, 268-270.	4.1	43
20	On Teletraffic Applications to OBS. IEEE Communications Letters, 2004, 8, 116-118.	4.1	43
21	OBS contention resolution performance. Performance Evaluation, 2007, 64, 357-373.	1.2	43
22	Topology Design of Undersea Cables Considering Survivability Under Major Disasters. , 2009, , .		43
23	Preventing DDoS attacks by identifier/locator separation. IEEE Network, 2013, 27, 60-65.	6.9	43
24	Performance evaluation of a queue fed by a Poisson Pareto burst process. Computer Networks, 2002, 40, 377-397.	5.1	40
25	FAST TCP: fairness and queuing issues. IEEE Communications Letters, 2005, 9, 762-764.	4.1	40
26	Packet loss analysis of the IEEE 802.15.4 MAC without acknowledgements. IEEE Communications Letters, 2007, 11, 79-81.	4.1	40
27	Multiobjective Path Optimization for Critical Infrastructure Links with Consideration to Seismic Resilience. Computer-Aided Civil and Infrastructure Engineering, 2017, 32, 836-855.	9.8	40
28	Bandwidth allocation for bursty isochronous traffic in a hybrid switching system. IEEE Transactions on Communications, 1989, 37, 1367-1371.	7.8	39
29	Analysis of OBS Networks With Limited Wavelength Conversion. IEEE/ACM Transactions on Networking, 2006, 14, 1118-1127.	3.8	39
30	Performance Analysis of Circuit Switched Multi-Service Multi-Rate Networks With Alternative Routing. Journal of Lightwave Technology, 2014, 32, 179-200.	4.6	39
31	Distributed Optimization for Computation Offloading in Edge Computing. IEEE Transactions on Wireless Communications, 2020, 19, 8179-8194.	9.2	39
32	Cognitive Radio Network Assisted by OFDM With Index Modulation. IEEE Transactions on Vehicular Technology, 2020, 69, 1106-1110.	6.3	38
33	Scalable performance evaluation of a hybrid optical switch. Journal of Lightwave Technology, 2005, 23, 2961-2973.	4.6	35
34	RaQ: A robust active queue management scheme based on rate and queue length. Computer Communications, 2007, 30, 1731-1741.	5.1	35
35	Design of WDM Networks With Multicast Traffic Grooming. Journal of Lightwave Technology, 2011, 29, 2337-2349.	4.6	35
36	A new TCP/AQM system analysis. Journal of Network and Computer Applications, 2015, 57, 43-60.	9.1	35

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37	Survivable Topology Design of Submarine Networks. Journal of Lightwave Technology, 2013, 31, 715-730.	4.6	34
38	Disaster-Aware Submarine Fiber-Optic Cable Deployment for Mesh Networks. Journal of Lightwave Technology, 2016, 34, 4293-4303.	4.6	34
39	Modelling and performance evaluation of optical burst switched networks with deflection routing and wavelength reservation. , 0, , .		33
40	Signal-based evaluation of handoff algorithms. IEEE Communications Letters, 2005, 9, 790-792.	4.1	33
41	Stabilizing deflection routing in optical burst switched networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 3-19.	14.0	33
42	Circuit allocation and overload control in a hybrid switching system. Computer Networks, 1989, 16, 281-298.	1.0	32
43	Efficiency-fairness tradeoff in telecommunications networks. IEEE Communications Letters, 2005, 9, 643-645.	4.1	32
44	Priority-Based fair Scheduling for Multimedia WiMAX Uplink Traffic. , 2008, , .		32
45	A New Method for Blocking Probability Evaluation in OBS/OPS Networks With Deflection Routing. Journal of Lightwave Technology, 2009, 27, 5335-5347.	4.6	32
46	Performance analysis of optical composite burst switching. IEEE Communications Letters, 2002, 6, 346-348.	4.1	31
47	A new method for approximating blocking probability in overflow loss networks. Computer Networks, 2007, 51, 2958-2975.	5.1	29
48	CoLoR: an information-centric internet architecture for innovations. IEEE Network, 2014, 28, 4-10.	6.9	29
49	Route Selection for Cabling Considering Cost Minimization and Earthquake Survivability Via a Semi-Supervised Probabilistic Model. IEEE Transactions on Industrial Informatics, 2017, 13, 502-511.	11.3	29
50	A comparative simulation study of TCP/AQM systems for evaluating the potential of neuron-based AQM schemes. Journal of Network and Computer Applications, 2014, 41, 274-299.	9.1	28
51	Power Consumption and GoS Tradeoff in Cellular Mobile Networks With Base Station Sleeping and Related Performance Studies. IEEE Transactions on Green Communications and Networking, 2020, 4, 1024-1036.	5.5	28
52	Efficiency comparison of channel allocation schemes for digital mobile communication networks. IEEE Transactions on Vehicular Technology, 2000, 49, 724-733.	6.3	25
53	Meeting connectivity requirements in a wireless multihop network. IEEE Communications Letters, 2006, 10, 19-21.	4.1	25
54	Throughput of FAST TCP in Asymmetric Networks. IEEE Communications Letters, 2008, 12, 158-160.	4.1	25

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55	Design of Light-Tree Based Optical Inter-Datacenter Networks. Journal of Optical Communications and Networking, 2013, 5, 1443.	4.8	25
56	Analysis of a discrete multipriority queueing system involving a central shared processor serving many local queues. IEEE Journal on Selected Areas in Communications, 1991, 9, 194-202.	14.0	24
57	FULL-RCMA: A High Utilization EPON. IEEE Journal on Selected Areas in Communications, 2004, 22, 1514-1524.	14.0	24
58	To be fair or efficient or a bit of both. Computers and Operations Research, 2008, 35, 3787-3806.	4.0	23
59	A discrete shared processor model for DQDB. Computer Networks, 1990, 20, 217-222.	1.0	22
60	Virtual Network Embedding With Adaptive Modulation in Flexi-Grid Networks. Journal of Lightwave Technology, 2018, 36, 3551-3563.	4.6	22
61	Buffer sizing for nonhomogeneous TCP sources. IEEE Communications Letters, 2005, 9, 567-569.	4.1	21
62	A quantitative measure for telecommunications networks topology design. IEEE/ACM Transactions on Networking, 2005, 13, 731-742.	3.8	21
63	Performance Analysis of Resource Selection Schemes for a Large Scale Video-on-Demand System. IEEE Transactions on Multimedia, 2008, 10, 153-159.	7.2	21
64	Towards a Bufferless Optical Internet. Journal of Lightwave Technology, 2009, 27, 2817-2833.	4.6	21
65	Performance analysis of green cellular networks with selective base-station sleeping. Performance Evaluation, 2017, 111, 17-36.	1.2	20
66	Multicast Traffic Grooming in Tap-and-Continue WDM Mesh Networks. Journal of Optical Communications and Networking, 2012, 4, 918.	4.8	19
67	Performance between circuit allocation schemes for half- and full-rate connections in GSM. IEEE Transactions on Vehicular Technology, 1998, 47, 790-797.	6.3	18
68	Enhanced Blocking Probability Evaluation Method for Circuit-Switched Trunk Reservation Networks. IEEE Communications Letters, 2007, 11, 543-545.	4.1	18
69	Light-tree configuration for multicast traffic grooming in WDM mesh networks. Photonic Network Communications, 2010, 20, 151-164.	2.7	18
70	Decoupling the design of identifier-to-locator mapping services from identifiers. Computer Networks, 2011, 55, 959-974.	5.1	18
71	Prioritized Deflection Routing in Optical Burst Switching Networks. IEICE Transactions on Communications, 2005, E88-B, 1861-1867.	0.7	18
72	Flow Scheduling in Optical Flow Switched (OFS) Networks Under Transient Conditions. Journal of Lightwave Technology, 2011, 29, 3250-3264.	4.6	17

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73	An incrementally deployable network architecture to support both data-centric and host-centric services. IEEE Network, 2014, 28, 58-65.	6.9	17
74	A Seismic Resistant Design Algorithm for Laying and Shielding of Optical Fiber Cables. Journal of Lightwave Technology, 2017, 35, 3060-3074.	4.6	17
75	Cost-Effective Path Planning for Submarine Cable Network Extension. IEEE Access, 2019, 7, 61883-61895.	4.2	17
76	TCP over OBS - fixed-point load and loss. Optics Express, 2005, 13, 9167.	3.4	16
77	Improving the fairness of FAST TCP to new flows. IEEE Communications Letters, 2006, 10, 414-416.	4.1	16
78	Optimal Cable Laying Across an Earthquake Fault Line Considering Elliptical Failures. IEEE Transactions on Reliability, 2016, 65, 1536-1550.	4.6	16
79	Naïve Bayes Classifier-Assisted Least Loaded Routing for Circuit-Switched Networks. IEEE Access, 2019, 7, 11854-11867.	4.2	16
80	An Adaptive Neuron AQM for a Stable Internet. Lecture Notes in Computer Science, 2007, , 844-854.	1.3	16
81	Performance analysis of an OBS edge router. IEEE Photonics Technology Letters, 2004, 16, 695-697.	2.5	15
82	The waiting time distribution for a TDMA model with a finite buffer and state-dependent service. IEEE Transactions on Communications, 2005, 53, 1522-1533.	7.8	15
83	A Generalized FAST TCP scheme. Computer Communications, 2008, 31, 3242-3249.	5.1	15
84	Application of the Fast Marching Method for Path Planning of Long-haul Optical Fiber Cables With Shielding. IEEE Access, 2018, 6, 41367-41378.	4.2	15
85	Optimal Submarine Cable Path Planning and Trunk-and-Branch Tree Network Topology Design. IEEE/ACM Transactions on Networking, 2020, 28, 1562-1572.	3.8	15
86	Energy-Efficient Computation Offloading in Collaborative Edge Computing. IEEE Internet of Things Journal, 2022, 9, 21305-21322.	8.7	15
87	Burst segmentation benefit in optical switching. IEEE Communications Letters, 2003, 7, 127-129.	4.1	14
88	Computation of Blocking Probability for Large Circuit Switched Networks. IEEE Communications Letters, 2012, 16, 1892-1895.	4.1	14
89	Performance analysis of a Poisson-Pareto queue over the full range of system parameters. Computer Networks, 2009, 53, 1099-1113.	5.1	13
90	Improving Scalability of VoD Systems by Optimal Exploitation of Storage and Multicast. IEEE Transactions on Circuits and Systems for Video Technology, 2014, 24, 489-503.	8.3	13

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91	Terrain constrained path planning for long-haul cables. Optics Express, 2019, 27, 8221.	3.4	13
92	Fairness in ATM networks. Computer Networks, 1993, 26, 109-117.	1.0	12
93	A polynomially solvable special case of the unbounded knapsack problem. Operations Research Letters, 2001, 29, 13-16.	0.7	12
94	Title is missing!. Wireless Networks, 2004, 10, 7-16.	3.0	12
95	Optimizing the IEEE 802.15.4 MAC. , 2006, , .		12
96	High Powered Cluster Heads for Extending Sensor Network Lifetime. , 2006, , .		12
97	Analysis of an optical hybrid switch. IEEE Communications Letters, 2006, 10, 108-110.	4.1	12
98	Stabilizing RED using a Fuzzy Controller. , 2007, , .		12
99	On Generalizations of the Engset Model. IEEE Communications Letters, 2007, 11, 360-362.	4.1	12
100	IAP: An intelligent adaptive PI active queue management scheme. Computer Communications, 2012, 35, 2281-2293.	5.1	12
101	Information exchange surrogates for approximation of blocking probabilities in overflow loss systems. , 2013, , .		12
102	Asymptotically Optimal Job Assignment for Energy-Efficient Processor-Sharing Server Farms. IEEE Journal on Selected Areas in Communications, 2016, 34, 4008-4023.	14.0	12
103	The effect of eliminating the standby state on DQDB performance under overload. International Journal of Digital & Analog Cabled Systems, 1989, 2, 179-186.	0.4	11
104	Analysis of bufferless OBS/OPS networks with multiple deflections. IEEE Communications Letters, 2009, 13, 974-976.	4.1	11
105	Sensitivity of Blocking Probability in the Generalized Engset Model for OBS. IEEE Communications Letters, 2011, 15, 1243-1245.	4.1	11
106	Bounds of the Overflow Priority Classification for Blocking Probability Approximation in OBS Networks. Journal of Optical Communications and Networking, 2013, 5, 378.	4.8	11
107	Blocking Probability Approximations and Bounds for Best-Effort Calls in an Integrated Service System. IEEE Transactions on Communications, 2015, 63, 5014-5026.	7.8	11
108	Elastic Versus WDM Networks With Dedicated Multicast Protection. Journal of Optical Communications and Networking, 2017, 9, 921.	4.8	11

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109	Evolutionary Optimization of File Assignment for a Large-Scale Video-on-Demand System. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 836-850.	5.7	11
110	An Enhanced Handoff Control Scheme for Multimedia Traffic in Cellular Networks. IEEE Communications Letters, 2004, 8, 195-197.	4.1	10
111	Scalable parameter tuning for AVQ. IEEE Communications Letters, 2005, 9, 90-92.	4.1	10
112	Bandwidth and Buffer Tradeoffs in Optical Packet Switching. Journal of Lightwave Technology, 2006, 24, 4790-4798.	4.6	10
113	Instability effects of two-way traffic in a TCP/AQM system. Computer Communications, 2007, 30, 2172-2179.	5.1	10
114	Combination Load Balancing for Video-on-Demand Systems. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 937-948.	8.3	10
115	Topology and routing optimization for congestion minimization in optical wireless networks. Optical Switching and Networking, 2010, 7, 95-107.	2.0	10
116	Energy Efficiency-QoS Tradeoff in Cellular Networks with Base-Station Sleeping. , 2017, , .		10
117	Temperature-Aware Virtual Data Center Embedding to Avoid Hot Spots in Data Centers. IEEE Transactions on Green Communications and Networking, 2021, 5, 497-511.	5.5	10
118	Evaluation of priority and scheduling schemes for an IEEE 802.14 MAC protocol loaded by real traffic. , 0, , .		9
119	A study of deadlock models for a multiservice medium access protocol employing a slotted Aloha signalling channel. IEEE/ACM Transactions on Networking, 2000, 8, 800-811.	3.8	9
120	Automatic laser shutdown implications for all optical data networks. Journal of Lightwave Technology, 2006, 24, 674-680.	4.6	9
121	A price-based internet congestion control scheme. IEEE Communications Letters, 2008, 12, 331-333.	4.1	9
122	Cost Comparison of Optical Circuit-Switched and Burst-Switched Networks. Journal of Lightwave Technology, 2009, 27, 2315-2329.	4.6	9
123	Dynamic Sub-Light-Tree Based Traffic Grooming for Multicast in WDM Networks. , 2010, , .		9
124	NetML: Networking Networks. , 2011, , .		9
125	Blocking Probability Analysis of Circuit-Switched Networks With Long-Lived and Short-Lived Connections. Journal of Optical Communications and Networking, 2013, 5, 621.	4.8	9
126	Performance Evaluation of a Queue Fed by a Poisson Lomax Burst Process. IEEE Communications Letters, 2015, 19, 367-370.	4.1	9

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127	Surrogate models for performance evaluation of multi-skill multi-layer overflow loss systems. Performance Evaluation, 2016, 104, 1-22.	1.2	9
128	Column generation algorithms for virtual network embedding in flexi-grid optical networks. Optics Express, 2018, 26, 10898.	3.4	9
129	Efficient and Green Embedding of Virtual Data Centers with Mixture of Unicast and Multicast Services. IEEE Transactions on Cloud Computing, 2021, 9, 1008-1021.	4.4	9
130	Performance analysis of SS7 congestion controls under sustained overload. IEEE Journal on Selected Areas in Communications, 1994, 12, 405-414.	14.0	8
131	Guest editorial: Future voice technologies. IEEE Journal on Selected Areas in Communications, 1999, 17, 1-3.	14.0	8
132	Carrier-scale programmable networks: wholesaler platform and resource optimization. IEEE Journal on Selected Areas in Communications, 2001, 19, 566-573.	14.0	8
133	Improving handoff QoS with or without mobility prediction. Electronics Letters, 2007, 43, 534.	1.0	8
134	A state-dependent approximation for the generalized Engset model. IEEE Communications Letters, 2009, 13, 962-964.	4.1	8
135	A network rate management protocol with TCP congestion control and fairness for all. Computer Networks, 2010, 54, 1358-1374.	5.1	8
136	Optimizing multi-layered networks towards a transparently optical internet. , 2010, , .		8
137	A call quality performance measure for handoff algorithms. International Journal of Communication Systems, 2011, 24, 363-383.	2.5	8
138	An Efficient Method for Performance Evaluation of Femto-Macro Overlay Systems. , 2011, , .		8
139	A Generalized Quasi-Stationary Approximation for Analysis of an Integrated Service System. IEEE Communications Letters, 2012, 16, 1884-1887.	4.1	8
140	Insensitive Job Assignment With Throughput and Energy Criteria for Processor-Sharing Server Farms. IEEE/ACM Transactions on Networking, 2014, 22, 1257-1270.	3.8	8
141	Disaster-aware submarine fiber-optic cable deployment. , 2015, , .		8
142	Overflow models for the admission of intensive care patients. Health Care Management Science, 2018, 21, 554-572.	2.6	8
143	Survivable Multicast Routing and Spectrum Assignment in Light-Tree-Based Elastic Optical Networks. , 2015, , .		8
144	Applications of matrix-geometric solutions for queueing performance evaluation of a hybrid switching system. Journal of the Australian Mathematical Society Series B Applied Mathematics, 1989, 31, 219-239.	0.2	7

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145	Effect of large buffers on TCP queueing behavior. , 0, , .		7
146	Adaptive bandwidth allocation for metropolitan and wide-area networks. IEEE Communications Letters, 2005, 9, 561-563.	4.1	7
147	PTT packet delay analysis for GPRS/GSM links. IEEE Communications Letters, 2006, 10, 456-458.	4.1	7
148	Fairness comparison of FAST TCP and TCP Reno. Computer Communications, 2007, 30, 1375-1382.	5.1	7
149	Increasing scope for circuit switching in the optical internet. , 2009, , .		7
150	Leaking Strategy for Multicast Traffic Grooming in WDM Mesh Networks. Journal of Lightwave Technology, 2012, 30, 3709-3719.	4.6	7
151	Evaluating OBS by Effective Utilization. IEEE Communications Letters, 2013, 17, 576-579.	4.1	7
152	Optimal Tree Topology for a Submarine Cable Network With Constrained Internodal Latency. Journal of Lightwave Technology, 2021, 39, 2673-2683.	4.6	7
153	Performance evaluation for an optical hybrid switch with circuit queued reservations. Optics Express, 2005, 13, 9446.	3.4	6
154	Improving Wireless TCP Throughput by a Novel TCM-Based Hybrid ARQ. IEEE Transactions on Wireless Communications, 2007, 6, 2476-2485.	9.2	6
155	An Adaptive REM for Improving AQM Performance. , 2008, , .		6
156	Performance analysis for overflow loss systems of processor-sharing queues. , 2015, , .		6
157	Improving throughput and effective utilization in OBS networks. Optical Switching and Networking, 2015, 18, 222-234.	2.0	6
158	Comparison of Different Multicast Approaches in Elastic Optical Networks. , 2018, , .		6
159	A framework for solving logical topology design problems within constrained computation time. IEEE Communications Letters, 2003, 7, 499-501.	4.1	5
160	Packet delay in optical circuit-switched networks. IEEE/ACM Transactions on Networking, 2006, 14, 341-354.	3.8	5
161	Modeling an OBS Node under Critical Load and High Utilization Conditions. IEEE Communications Letters, 2012, 16, 544-546.	4.1	5
162	Constrained light-tree design for WDM mesh networks with multicast traffic grooming. Optical Switching and Networking, 2013, 10, 233-245.	2.0	5

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163	On the Accuracy of the OPC Approximation for a Symmetric Overflow Loss Model. Stochastic Models, 2013, 29, 149-189.	0.5	5
164	Statistical characteristics of queue with fractional Brownian motion input. Electronics Letters, 2015, 51, 699-701.	1.0	5
165	Energy-Efficient Heuristics for Insensitive Job Assignment in Processor-Sharing Server Farms. IEEE Journal on Selected Areas in Communications, 2015, 33, 2878-2891.	14.0	5
166	Energy-Efficient Priority-Based Scheduling for Wireless Network Slicing. , 2018, , .		5
167	Path Planning of Submarine Cables. , 2019, , .		5
168	Column Generation Based Service Function Chaining Embedding in Multi-Domain Networks. IEEE Transactions on Cloud Computing, 2023, 11, 185-199.	4.4	5
169	Submarine Cable Path Planning Based on Weight Selection of Design Considerations. IEEE Access, 2021, 9, 123847-123860.	4.2	5
170	Improving RED by a Neuron Controller. , 2007, , 434-445.		5
171	A new teletraffic approach for network planning and evolution prediction. , 2012, , .		5
172	Exploring the Benefits of Resource Disaggregation for Service Reliability in Data Centers. IEEE Transactions on Cloud Computing, 2023, 11, 1651-1666.	4.4	5
173	CSMA with reservations by interruptions (CSMA/RI): a novel approach to reduce collisions in CSMA/CD. IEEE Journal on Selected Areas in Communications, 2000, 18, 1572-1580.	14.0	4
174	Analytical performance evaluation of a two class DiffServ link. , 0, , .		4
175	Is max-min fairness achievable in the presence of insubordinate users?. IEEE Communications Letters, 2002, 6, 120-122.	4.1	4
176	A congestion control framework for available bit rate service in ATM networks. International Journal of Communication Systems, 2002, 15, 341-357.	2.5	4
177	A stable adaptive PI controller for AQM. , 2007, , .		4
178	Rate Allocation for a Multi-Service Internet. , 2007, , .		4
179	Blocking Probability Estimation for Trunk Reservation Networks. , 2007, , .		4
180	Sizes of Minimum Connected Dominating Sets of a Class of Wireless Sensor Networks. , 2008, , .		4

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181	Effect of retransmissions on the performance of the IEEE 802.11 MAC protocol for DSRC. , 2010, , .		4
182	Performance effects of two-way FAST TCP. Computer Networks, 2011, 55, 2976-2984.	5.1	4
183	Handoff Optimization Using Hidden Markov Model. IEEE Signal Processing Letters, 2011, 18, 411-414.	3.6	4
184	Approximation of blocking probabilities in mobile cellular networks with channel borrowing. , 2015, , .		4
185	Performance Evaluation of a Bufferless OBS/OPS Network With 1 + 1 Path Protection. IEEE Photonics Technology Letters, 2015, 27, 2115-2118.	2.5	4
186	Energy-efficient heuristics for job assignment in processor-sharing server farms. , 2015, , .		4
187	Resource Provisioning for a Multi-Layered Network. IEEE Access, 2019, 7, 16226-16245.	4.2	4
188	Energy-Aware Service Function Chaining Embedding in NFV Networks. IEEE Transactions on Services Computing, 2023, 16, 1158-1171.	4.6	4
189	DQDB performance under sustained overload with bandwidth balancing and multiple requests outstanding. Computer Communications, 1993, 16, 5-12.	5.1	3
190	Efficient macro mobility management for GPRS IP networks. Journal of Communications and Networks, 2003, 5, 55-64.	2.6	3
191	Reducing Spare Capacity Through Traffic Splitting. IEEE Communications Letters, 2004, 8, 594-596.	4.1	3
192	Performance evaluation of an optical hybrid switch with circuit queued reservations and circuit priority preemption. Optics Express, 2006, 14, 11043.	3.4	3
193	An Optical Hybrid Switch With Circuit Queueing for Burst Clearing. Journal of Lightwave Technology, 2008, 26, 3509-3527.	4.6	3
194	Algorithms for WiMAX scheduling. , 2008, , .		3
195	Efficiency of OBS networks. , 2012, , .		3
196	Performance evaluation and service rate provisioning for a queue with fractional Brownian input. Performance Evaluation, 2013, 70, 1028-1045.	1.2	3
197	Cost modelling and validation in network optimization. , 2015, , .		3
198	Evaluation of Burst/Packet Loss Ratio in a Bufferless OBS/OPS Network With $1+X$ Path Protection. IEEE Photonics Technology Letters, 2016, 28, 1688-1691.	2.5	3

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199	Performance Modeling of Diversity Coded Path Protection in OBS/OPS Networks. Journal of Lightwave Technology, 2019, 37, 3138-3152.	4.6	3
200	The Advantage of the Burst Segmentation Option in Optical Burst Switching. , 2002, , .		3
201	Title is missing!. Wireless Networks, 2000, 6, 391-399.	3.0	2
202	Guest editorial analysis and synthesis of MAC protocols. IEEE Journal on Selected Areas in Communications, 2000, 18, 1557-1561.	14.0	2
203	A new reliability measure for telecommunication networks. IEEE Communications Letters, 2002, 6, 400-402.	4.1	2
204	Adaptive drop-tail: A simple and efficient active queue management algorithm for internet flow control. Teletraffic Science and Engineering, 2003, , 1261-1270.	0.4	2
205	Recurrent Leaky Bucket. IEEE Signal Processing Letters, 2013, 20, 1244-1248.	3.6	2
206	A Generalized Fluid Approximation for analysis of an integrated service system. , 2013, , .		2
207	Performance approximations and bounds for non-real-time traffic in an integrated service system. IET Networks, 2014, 3, 22-29.	1.8	2
208	Estimating Video Popularity From Past Request Arrival Times in a VoD System. IEEE Access, 2020, 8, 19934-19947.	4.2	2
209	A new priority strategy for OBS networks. , 2013, , .		2
210	A new priority strategy for OBS networks. , 2013, , .		2
211	Teletraffic modeling of optical burst switching. , 0, , .		1
212	Price-based Max-Min Fair Rate Allocation in Wireless Multi-hop Networks. , 2005, , .		1
213	Does a WSN MAC Based on Uniform Access without Re-attempts Have Merits?. , 2006, , .		1
214	Adaptive video multicast using the FDPS algorithm. , 2007, , .		1
215	Engset Formula for Bufferless OBS/OPS: When Is and When Isn't Lengthening the Off-Time Redundant?. , 2009, , .		1
216	Heuristic algorithms for multicast traffic grooming in WDM mesh networks. , 2011, , .		1

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