

Moshe Zukerman

List of Publications by Year in descending order

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246
papers

4,719
citations

126907

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247
docs citations

247
times ranked

2963
citing authors

#	ARTICLE	IF	CITATIONS
1	Column Generation Based Service Function Chaining Embedding in Multi-Domain Networks. IEEE Transactions on Cloud Computing, 2023, 11, 185-199.	4.4	5
2	Energy-Aware Service Function Chaining Embedding in NFV Networks. IEEE Transactions on Services Computing, 2023, 16, 1158-1171.	4.6	4
3	Exploring the Benefits of Resource Disaggregation for Service Reliability in Data Centers. IEEE Transactions on Cloud Computing, 2023, 11, 1651-1666.	4.4	5
4	A research on submarine cable path planning. , 2022, , .		1
5	Energy-Efficient Computation Offloading in Collaborative Edge Computing. IEEE Internet of Things Journal, 2022, 9, 21305-21322.	8.7	15
6	Submarine Cable Network Design for Regional Connectivity. IEEE/ACM Transactions on Networking, 2022, 30, 2480-2492.	3.8	1
7	Service Function Chaining Embedding in Hybrid Optical-Electronic Networks. Journal of Lightwave Technology, 2022, 40, 4922-4933.	4.6	1
8	Latency-Aware Optimization of Submarine Communication Cable Systems With Trunk-and-Branch Topologies. Journal of Lightwave Technology, 2022, 40, 5825-5841.	4.6	0
9	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
10	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
11	Submarine Cable Path Planning Based on Weight Selection of Design Considerations. IEEE Access, 2021, 9, 123847-123860.	4.2	5
12	Optimal Tree Topology for a Submarine Cable Network With Constrained Internodal Latency. Journal of Lightwave Technology, 2021, 39, 2673-2683.	4.6	7
13	Cognitive Radio Network Assisted by OFDM With Index Modulation. IEEE Transactions on Vehicular Technology, 2020, 69, 1106-1110.	6.3	38
14	Distributed Optimization for Computation Offloading in Edge Computing. IEEE Transactions on Wireless Communications, 2020, 19, 8179-8194.	9.2	39
15	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
16	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
17	Estimating Video Popularity From Past Request Arrival Times in a VoD System. IEEE Access, 2020, 8, 19934-19947.	4.2	2
18	Resource Provisioning for a Multi-Layered Network. IEEE Access, 2019, 7, 16226-16245.	4.2	4

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19	Cost-Effective Path Planning for Submarine Cable Network Extension. IEEE Access, 2019, 7, 61883-61895.	4.2	17
20	Performance Modeling of Diversity Coded Path Protection in OBS/OPS Networks. Journal of Lightwave Technology, 2019, 37, 3138-3152.	4.6	3
21	Naïve Bayes Classifier-Assisted Least Loaded Routing for Circuit-Switched Networks. IEEE Access, 2019, 7, 11854-11867.	4.2	16
22	Path Planning of Submarine Cables. , 2019, , .		5
23	Terrain constrained path planning for long-haul cables. Optics Express, 2019, 27, 8221.	3.4	13
24	Overflow models for the admission of intensive care patients. Health Care Management Science, 2018, 21, 554-572.	2.6	8
25	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
26	Energy-Efficient Priority-Based Scheduling for Wireless Network Slicing. , 2018, , .		5
27	Comparison of Different Multicast Approaches in Elastic Optical Networks. , 2018, , .		6
28	Virtual Network Embedding With Adaptive Modulation in Flexi-Grid Networks. Journal of Lightwave Technology, 2018, 36, 3551-3563.	4.6	22
29	Column generation algorithms for virtual network embedding in flexi-grid optical networks. Optics Express, 2018, 26, 10898.	3.4	9
30	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
31	Errata to "Multicast Routing and Distance-Adaptive Spectrum Allocation in Elastic Optical Networks With Shared Protection" [Sep 16, no. 17, 4076-4088]. Journal of Lightwave Technology, 2017, 35, 2769-2769.	4.6	0
32	A Seismic Resistant Design Algorithm for Laying and Shielding of Optical Fiber Cables. Journal of Lightwave Technology, 2017, 35, 3060-3074.	4.6	17
33	Performance analysis of green cellular networks with selective base-station sleeping. Performance Evaluation, 2017, 111, 17-36.	1.2	20
34	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
35	Energy Efficiency-QoS Tradeoff in Cellular Networks with Base-Station Sleeping. , 2017, , .		10
36	Elastic Versus WDM Networks With Dedicated Multicast Protection. Journal of Optical Communications and Networking, 2017, 9, 921.	4.8	11

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37	Optimal Cable Laying Across an Earthquake Fault Line Considering Elliptical Failures. IEEE Transactions on Reliability, 2016, 65, 1536-1550.	4.6	16
38	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
39	Surrogate models for performance evaluation of multi-skill multi-layer overflow loss systems. Performance Evaluation, 2016, 104, 1-22.	1.2	9
40	Validation of multi-layer network optimization. , 2016, , .		1
41	Disaster-Aware Submarine Fiber-Optic Cable Deployment for Mesh Networks. Journal of Lightwave Technology, 2016, 34, 4293-4303.	4.6	34
42	A multi-objective optimization for laying optical fiber cables. , 2016, , .		0
43	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
44	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
45	Design implications of the add/drop ratio in transparent photonic networks. , 2015, , .		0
46	Approximation of blocking probabilities in mobile cellular networks with channel borrowing. , 2015, , .		4
47	Performance Evaluation of a Bufferless OBS/OPS Network With $1+1$ Path Protection. IEEE Photonics Technology Letters, 2015, 27, 2115-2118.	2.5	4
48	Cost modelling and validation in network optimization. , 2015, , .		3
49	Performance analysis for overflow loss systems of processor-sharing queues. , 2015, , .		6
50	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
51	Performance Evaluation of a Queue Fed by a Poisson Lomax Burst Process. IEEE Communications Letters, 2015, 19, 367-370.	4.1	9
52	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
53	A new TCP/AQM system analysis. Journal of Network and Computer Applications, 2015, 57, 43-60.	9.1	35
54	Improving throughput and effective utilization in OBS networks. Optical Switching and Networking, 2015, 18, 222-234.	2.0	6

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55	Disaster-aware submarine fiber-optic cable deployment. , 2015, , .		8
56	Statistical characteristics of queue with fractional Brownian motion input. Electronics Letters, 2015, 51, 699-701.	1.0	5
57	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
58	Energy-efficient heuristics for job assignment in processor-sharing server farms. , 2015, , .		4
59	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
60	Survivable Multicast Routing and Spectrum Assignment in Light-Tree-Based Elastic Optical Networks. , 2015, , .		8
61	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
62	Time to live of identifierâ€œtoâ€œlocator mappings: withâ€œreset or noâ€œreset. International Journal of Communication Systems, 2014, 27, 2324-2342.	2.5	1
63	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
64	Performance Analysis of Circuit Switched Multi-Service Multi-Rate Networks With Alternative Routing. Journal of Lightwave Technology, 2014, 32, 179-200.	4.6	39
65	Performance approximations and bounds for nonâ€œrealâ€œtime traffic in an integrated service system. IET Networks, 2014, 3, 22-29.	1.8	2
66	CoLoR: an information-centric internet architecture for innovations. IEEE Network, 2014, 28, 4-10.	6.9	29
67	Improving OBS efficiency. , 2014, , .		1
68	An incrementally deployable network architecture to support both data-centric and host-centric services. IEEE Network, 2014, 28, 58-65.	6.9	17
69	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
70	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
71	Performance evaluation and service rate provisioning for a queue with fractional Brownian input. Performance Evaluation, 2013, 70, 1028-1045.	1.2	3
72	Novel Node-Arc Model and Multiiteration Heuristics for Static Routing and Spectrum Assignment in Elastic Optical Networks. Journal of Lightwave Technology, 2013, 31, 3402-3413.	4.6	118

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73	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
74	Evaluating OBS by Effective Utilization. IEEE Communications Letters, 2013, 17, 576-579.	4.1	7
75	Survivable Topology Design of Submarine Networks. Journal of Lightwave Technology, 2013, 31, 715-730.	4.6	34
76	Information exchange surrogates for approximation of blocking probabilities in overflow loss systems. , 2013, , .		12
77	Recurrent Leaky Bucket. IEEE Signal Processing Letters, 2013, 20, 1244-1248.	3.6	2
78	Performance approximations for non-real-time traffic in an integrated service system. , 2013, , .		0
79	Constrained light-tree design for WDM mesh networks with multicast traffic grooming. Optical Switching and Networking, 2013, 10, 233-245.	2.0	5
80	A Generalized Fluid Approximation for analysis of an integrated service system. , 2013, , .		2
81	Preventing DDoS attacks by identifier/locator separation. IEEE Network, 2013, 27, 60-65.	6.9	43
82	Design of Light-Tree Based Optical Inter-Datacenter Networks. Journal of Optical Communications and Networking, 2013, 5, 1443.	4.8	25
83	Bounds of the Overflow Priority Classification for Blocking Probability Approximation in OBS Networks: Errata. Journal of Optical Communications and Networking, 2013, 5, 1467.	4.8	0
84	On the Accuracy of the OPC Approximation for a Symmetric Overflow Loss Model. Stochastic Models, 2013, 29, 149-189.	0.5	5
85	A new priority strategy for OBS networks. , 2013, , .		2
86	A new priority strategy for OBS networks. , 2013, , .		2
87	Multicast Traffic Grooming in Tap-and-Continue WDM Mesh Networks. Journal of Optical Communications and Networking, 2012, 4, 918.	4.8	19
88	Spectrum-efficient and agile CO-OFDM optical transport networks: architecture, design, and operation. , 2012, 50, 82-89.		57
89	How good (or bad) is shortest path routing in layered networks. , 2012, , .		1
90	A Generalized Quasi-Stationary Approximation for Analysis of an Integrated Service System. IEEE Communications Letters, 2012, 16, 1884-1887.	4.1	8

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91	Leaking Strategy for Multicast Traffic Grooming in WDM Mesh Networks. Journal of Lightwave Technology, 2012, 30, 3709-3719.	4.6	7
92	Efficiency of OBS networks. , 2012, , .		3
93	Computation of Blocking Probability for Large Circuit Switched Networks. IEEE Communications Letters, 2012, 16, 1892-1895.	4.1	14
94	IAP: An intelligent adaptive PI active queue management scheme. Computer Communications, 2012, 35, 2281-2293.	5.1	12
95	Modeling an OBS Node under Critical Load and High Utilization Conditions. IEEE Communications Letters, 2012, 16, 544-546.	4.1	5
96	A new teletraffic approach for network planning and evolution prediction. , 2012, , .		5
97	Heuristic algorithms for multicast traffic grooming in WDM mesh networks. , 2011, , .		1
98	Blocking probability approximation in circuit switched based optical networks. , 2011, , .		1
99	Design of WDM Networks With Multicast Traffic Grooming. Journal of Lightwave Technology, 2011, 29, 2337-2349.	4.6	35
100	Flow Scheduling in Optical Flow Switched (OFS) Networks Under Transient Conditions. Journal of Lightwave Technology, 2011, 29, 3250-3264.	4.6	17
101	Sensitivity of Blocking Probability in the Generalized Engset Model for OBS. IEEE Communications Letters, 2011, 15, 1243-1245.	4.1	11
102	Latency of FAST TCP for HTTP Transactions. IEEE Communications Letters, 2011, 15, 1259-1261.	4.1	1
103	Research challenges towards the Future Internet. Computer Communications, 2011, 34, 2115-2134.	5.1	61
104	A call quality performance measure for handoff algorithms. International Journal of Communication Systems, 2011, 24, 363-383.	2.5	8
105	Decoupling the design of identifier-to-locator mapping services from identifiers. Computer Networks, 2011, 55, 959-974.	5.1	18
106	Performance effects of two-way FAST TCP. Computer Networks, 2011, 55, 2976-2984.	5.1	4
107	Handoff Optimization Using Hidden Markov Model. IEEE Signal Processing Letters, 2011, 18, 411-414.	3.6	4
108	Link dimensioning for fractional Brownian input. , 2011, , .		0

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109	NetML: Networking Networks. , 2011, , .		9
110	An Efficient Method for Performance Evaluation of Femto-Macro Overlay Systems. , 2011, , .		8
111	Light-tree configuration for multicast traffic grooming in WDM mesh networks. Photonic Network Communications, 2010, 20, 151-164.	2.7	18
112	Topology and routing optimization for congestion minimization in optical wireless networks. Optical Switching and Networking, 2010, 7, 95-107.	2.0	10
113	A network rate management protocol with TCP congestion control and fairness for all. Computer Networks, 2010, 54, 1358-1374.	5.1	8
114	Optimizing multi-layered networks towards a transparently optical internet. , 2010, , .		8
115	Dynamic Sub-Light-Tree Based Traffic Grooming for Multicast in WDM Networks. , 2010, , .		9
116	A priority-based processor sharing model for TDM passive optical networks. IEEE Journal on Selected Areas in Communications, 2010, 28, 863-874.	14.0	0
117	Effect of retransmissions on the performance of the IEEE 802.11 MAC protocol for DSRC. , 2010, , .		4
118	Energy Considerations for MAC Protocols in Wireless Sensor Networks. , 2010, , 593-618.		0
119	AN ESTIMATION OF SENSOR ENERGY CONSUMPTION. Progress in Electromagnetics Research B, 2009, 12, 259-295.	1.0	162
120	Topology Design of Undersea Cables Considering Survivability Under Major Disasters. , 2009, , .		43
121	Engset Formula for Bufferless OBS/OPS: When Is and When Isn't Lengthening the Off-Time Redundant?. , 2009, , .		1
122	Connectivity, Coverage and Placement in Wireless Sensor Networks. Sensors, 2009, 9, 7664-7693.	3.8	129
123	Performance analysis of a Poissonâ€Pareto queue over the full range of system parameters. Computer Networks, 2009, 53, 1099-1113.	5.1	13
124	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
125	Cost Comparison of Optical Circuit-Switched and Burst-Switched Networks. Journal of Lightwave Technology, 2009, 27, 2315-2329.	4.6	9
126	Towards a Bufferless Optical Internet. Journal of Lightwave Technology, 2009, 27, 2817-2833.	4.6	21

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127	Guest editorial broadband access networks: architectures and protocols. IEEE Journal on Selected Areas in Communications, 2009, 27, 97-100.	14.0	0
128	Increasing scope for circuit switching in the optical internet. , 2009, , .		7
129	Blocking probability evaluation and traffic management of bufferless OPS/OBS networks. , 2009, , .		0
130	Analysis of bufferless OBS/OPS networks with multiple deflections. IEEE Communications Letters, 2009, 13, 974-976.	4.1	11
131	A state-dependent approximation for the generalized Engset model. IEEE Communications Letters, 2009, 13, 962-964.	4.1	8
132	A Generalized FAST TCP scheme. Computer Communications, 2008, 31, 3242-3249.	5.1	15
133	To be fair or efficient or a bit of both. Computers and Operations Research, 2008, 35, 3787-3806.	4.0	23
134	Priority-Based fair Scheduling for Multimedia WiMAX Uplink Traffic. , 2008, , .		32
135	An Adaptive REM for Improving AQM Performance. , 2008, , .		6
136	An Optical Hybrid Switch With Circuit Queueing for Burst Clearing. Journal of Lightwave Technology, 2008, 26, 3509-3527.	4.6	3
137	Throughput of FAST TCP in Asymmetric Networks. IEEE Communications Letters, 2008, 12, 158-160.	4.1	25
138	A price-based internet congestion control scheme. IEEE Communications Letters, 2008, 12, 331-333.	4.1	9
139	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
140	Sizes of Minimum Connected Dominating Sets of a Class of Wireless Sensor Networks. , 2008, , .		4
141	Combination Load Balancing for Video-on-Demand Systems. IEEE Transactions on Circuits and Systems for Video Technology, 2008, 18, 937-948.	8.3	10
142	Algorithms for WiMAX scheduling. , 2008, , .		3
143	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
144	A stable adaptive PI controller for AQM. , 2007, , .		4

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145	A Markovian Framework for Performance Evaluation of IEEE 802.11. IEEE Transactions on Wireless Communications, 2007, 6, 1276-1265.	9.2	47
146	Improving handoff QoS with or without mobility prediction. Electronics Letters, 2007, 43, 534.	1.0	8
147	Stabilizing deflection routing in optical burst switched networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 3-19.	14.0	33
148	Rate Allocation for a Multi-Service Internet. , 2007, , .		4
149	Stabilizing RED using a Fuzzy Controller. , 2007, , .		12
150	Adaptive video multicast using the FDPS algorithm. , 2007, , .		1
151	A new method for approximating blocking probability in overflow loss networks. Computer Networks, 2007, 51, 2958-2975.	5.1	29
152	On Generalizations of the Engset Model. IEEE Communications Letters, 2007, 11, 360-362.	4.1	12
153	Enhanced Blocking Probability Evaluation Method for Circuit-Switched Trunk Reservation Networks. IEEE Communications Letters, 2007, 11, 543-545.	4.1	18
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	Effect of Traffic Shifts on the Economics of Telecommunication Competition. , 2007, , .		0
156	Blocking Probability Estimation for Trunk Reservation Networks. , 2007, , .		4
157	Guest Editorial Traffic Engineering for Multi-Layer Networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 865-867.	14.0	0
158	Packet loss analysis of the IEEE 802.15.4 MAC without acknowledgements. IEEE Communications Letters, 2007, 11, 79-81.	4.1	40
159	RaQ: A robust active queue management scheme based on rate and queue length. Computer Communications, 2007, 30, 1731-1741.	5.1	35
160	Instability effects of two-way traffic in a TCP/AQM system. Computer Communications, 2007, 30, 2172-2179.	5.1	10
161	Fairness comparison of FAST TCP and TCP Reno. Computer Communications, 2007, 30, 1375-1382.	5.1	7
162	OBS contention resolution performance. Performance Evaluation, 2007, 64, 357-373.	1.2	43

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163	An Adaptive Neuron AQM for a Stable Internet. Lecture Notes in Computer Science, 2007, , 844-854.	1.3	16
164	Improving RED by a Neuron Controller. , 2007, , 434-445.		5
165	Analysis of OBS Networks With Limited Wavelength Conversion. IEEE/ACM Transactions on Networking, 2006, 14, 1118-1127.	3.8	39
166	Optimizing the IEEE 802.15.4 MAC. , 2006, , .		12
167	High Powered Cluster Heads for Extending Sensor Network Lifetime. , 2006, , .		12
168	Packet delay in optical circuit-switched networks. IEEE/ACM Transactions on Networking, 2006, 14, 341-354.	3.8	5
169	Analysis of an optical hybrid switch. IEEE Communications Letters, 2006, 10, 108-110.	4.1	12
170	Meeting connectivity requirements in a wireless multihop network. IEEE Communications Letters, 2006, 10, 19-21.	4.1	25
171	Improving the fairness of FAST TCP to new flows. IEEE Communications Letters, 2006, 10, 414-416.	4.1	16
172	PTT packet delay analysis for GPRS/GSM links. IEEE Communications Letters, 2006, 10, 456-458.	4.1	7
173	Performance evaluation of an optical hybrid switch with circuit queued reservations and circuit priority preemption. Optics Express, 2006, 14, 11043.	3.4	3
174	Automatic laser shutdown implications for all optical data networks. Journal of Lightwave Technology, 2006, 24, 674-680.	4.6	9
175	Bandwidth and Buffer Tradeoffs in Optical Packet Switching. Journal of Lightwave Technology, 2006, 24, 4790-4798.	4.6	10
176	Does a WSN MAC Based on Uniform Access without Re-attempts Have Merits?. , 2006, , .		1
177	WSN10-4: A Framework to Minimize Energy Consumption for Wireless Sensor Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	0
178	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
179	Price-based Max-Min Fair Rate Allocation in Wireless Multi-hop Networks. , 2005, , .		1
180	Adaptive bandwidth allocation for metropolitan and wide-area networks. IEEE Communications Letters, 2005, 9, 561-563.	4.1	7

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181	Buffer sizing for nonhomogeneous TCP sources. IEEE Communications Letters, 2005, 9, 567-569.	4.1	21
182	Efficiency-fairness tradeoff in telecommunications networks. IEEE Communications Letters, 2005, 9, 643-645.	4.1	32
183	FAST TCP: fairness and queuing issues. IEEE Communications Letters, 2005, 9, 762-764.	4.1	40
184	Signal-based evaluation of handoff algorithms. IEEE Communications Letters, 2005, 9, 790-792.	4.1	33
185	Scalable parameter tuning for AVQ. IEEE Communications Letters, 2005, 9, 90-92.	4.1	10
186	A quantitative measure for telecommunications networks topology design. IEEE/ACM Transactions on Networking, 2005, 13, 731-742.	3.8	21
187	Scalable performance evaluation of a hybrid optical switch. Journal of Lightwave Technology, 2005, 23, 2961-2973.	4.6	35
188	TCP over OBS - fixed-point load and loss. Optics Express, 2005, 13, 9167.	3.4	16
189	Performance evaluation for an optical hybrid switch with circuit queued reservations. Optics Express, 2005, 13, 9446.	3.4	6
190	Prioritized Deflection Routing in Optical Burst Switching Networks. IEICE Transactions on Communications, 2005, E88-B, 1861-1867.	0.7	18
191	Title is missing!. Wireless Networks, 2004, 10, 7-16.	3.0	12
192	Performance analysis of an OBS edge router. IEEE Photonics Technology Letters, 2004, 16, 695-697.	2.5	15
193	FULL-RCMA: A High Utilization EPON. IEEE Journal on Selected Areas in Communications, 2004, 22, 1514-1524.	14.0	24
194	On Teletraffic Applications to OBS. IEEE Communications Letters, 2004, 8, 116-118.	4.1	43
195	An Enhanced Handoff Control Scheme for Multimedia Traffic in Cellular Networks. IEEE Communications Letters, 2004, 8, 195-197.	4.1	10
196	Reducing Spare Capacity Through Traffic Splitting. IEEE Communications Letters, 2004, 8, 594-596.	4.1	3
197	Performance analyses of optical burst-switching networks. IEEE Journal on Selected Areas in Communications, 2003, 21, 1187-1197.	14.0	135
198	Burst segmentation benefit in optical switching. IEEE Communications Letters, 2003, 7, 127-129.	4.1	14

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199	PD-RED: to improve the performance of RED. IEEE Communications Letters, 2003, 7, 406-408.	4.1	104
200	A framework for solving logical topology design problems within constrained computation time. IEEE Communications Letters, 2003, 7, 499-501.	4.1	5
201	MaxNet: a congestion control architecture for scalable networks. IEEE Communications Letters, 2003, 7, 511-513.	4.1	44
202	Efficient macro mobility management for GPRS IP networks. Journal of Communications and Networks, 2003, 5, 55-64.	2.6	3
203	An efficient reservation-based handoff control scheme for multimedia traffic in mobile cellular networks. Teletraffic Science and Engineering, 2003, , 771-780.	0.4	0
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	Unified web-based network management based on distributed object orientated software agents. , 2002, 4909, 51.		0
206	New approach for network reliability quantification. , 2002, , .		0
207	Blocking probability for priority classes in optical burst switching networks. IEEE Communications Letters, 2002, 6, 214-216.	4.1	91
208	Is max-min fairness achievable in the presence of insubordinate users?. IEEE Communications Letters, 2002, 6, 120-122.	4.1	4
209	A framework for optical burst switching network design. IEEE Communications Letters, 2002, 6, 268-270.	4.1	43
210	Performance analysis of optical composite burst switching. IEEE Communications Letters, 2002, 6, 346-348.	4.1	31
211	A new reliability measure for telecommunication networks. IEEE Communications Letters, 2002, 6, 400-402.	4.1	2
212	MaxNet: a congestion control architecture. IEEE Communications Letters, 2002, 6, 512-514.	4.1	54
213	QoS in best-effort networks. , 2002, 40, 44-49.		53
214	A congestion control framework for available bit rate service in ATM networks. International Journal of Communication Systems, 2002, 15, 341-357.	2.5	4
215	Performance evaluation of a queue fed by a Poisson Pareto burst process. Computer Networks, 2002, 40, 377-397.	5.1	40
216	The Advantage of the Burst Segmentation Option in Optical Burst Switching. , 2002, , .		3

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217	On link dimensioning based on estimating the mean rate by the sustainable rate. IEEE Communications Letters, 2001, 5, 73-75.	4.1	0
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