

Mounir Hamdi

List of Publications by Year in descending order

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Version: 2024-02-01

206
papers

3,862
citations

186265

28
h-index

189892

50
g-index

220
all docs

220
docs citations

220
times ranked

3185
citing authors

#	ARTICLE	IF	CITATIONS
1	Image and audio caps: automated captioning of background sounds and images using deep learning. <i>Multimedia Systems</i> , 2023, 29, 2951-2959.	4.7	24
2	LoRa-RL: Deep Reinforcement Learning for Resource Management in Hybrid Energy LoRa Wireless Networks. <i>IEEE Internet of Things Journal</i> , 2022, 9, 6458-6476.	8.7	23
3	An Intelligent Resource Reservation for Crowdsourced Live Video Streaming Applications in Geo-Distributed Cloud Environment. <i>IEEE Systems Journal</i> , 2022, 16, 240-251.	4.6	9
4	Distributed CNN Inference on Resource-Constrained UAVs for Surveillance Systems: Design and Optimization. <i>IEEE Internet of Things Journal</i> , 2022, 9, 1227-1242.	8.7	21
5	5G based Blockchain network for authentic and ethical keyword search engine. <i>IET Communications</i> , 2022, 16, 442-448.	2.2	28
6	New York City taxi trip duration prediction using MLP and XGBoost. <i>International Journal of Systems Assurance Engineering and Management</i> , 2022, 13, 16-27.	2.4	28
7	Multi-Tier Stack of Block Chain with Proxy Re-Encryption Method Scheme on the Internet of Things Platform. <i>ACM Transactions on Internet Technology</i> , 2022, 22, 1-20.	4.4	15
8	Gulf Cooperation Council Clinical Trials in the Pursuit of Medications for COVID-19. <i>Studies in Health Technology and Informatics</i> , 2022, 289, 9-13.	0.3	1
9	Intelligent Trust-Based Utility and Reusability Model: Enhanced Security Using Unmanned Aerial Vehicles on Sensor Nodes. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1317.	2.5	14
10	Evaluation of Neuro Images for the Diagnosis of Alzheimer's Disease Using Deep Learning Neural Network. <i>Frontiers in Public Health</i> , 2022, 10, 834032.	2.7	19
11	Hierarchical Multi-Agent DRL-Based Framework for Joint Multi-RAT Assignment and Dynamic Resource Allocation in Next-Generation HetNets. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 2481-2494.	6.4	9
12	The Frontiers of Deep Reinforcement Learning for Resource Management in Future Wireless HetNets: Techniques, Challenges, and Research Directions. <i>IEEE Open Journal of the Communications Society</i> , 2022, 3, 322-365.	6.9	19
13	RL-DistPrivacy: Privacy-Aware Distributed Deep Inference for Low Latency IoT Systems. <i>IEEE Transactions on Network Science and Engineering</i> , 2022, 9, 2066-2083.	6.4	6
14	Peer-to-peer trust management in intelligent transportation system: An Aumann's agreement theorem based approach. <i>ICT Express</i> , 2022, 8, 340-346.	4.8	17
15	Notice of Violation of IEEE Publication Principles: Secured Wireless Energy Transfer for the Internet of Everything in Ambient Intelligent Environments. <i>IEEE Internet of Things Magazine</i> , 2022, 5, 62-66.	2.6	4
16	Hybrid Model for Detection of Cervical Cancer Using Causal Analysis and Machine Learning Techniques. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-17.	1.3	75
17	Dynamic LoRa Wireless Networks Powered by Hybrid Energy. , 2022, , .		0
18	DRL-Based Joint RAT Association, Power and Bandwidth Optimization for Future HetNets. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1503-1507.	5.0	2

#	ARTICLE	IF	CITATIONS
19	Middle East and North African Health Informatics Association (MENAHA). Yearbook of Medical Informatics, 2022, 31, 354-364.	1.0	1
20	Rethinking Data Center Networks: Machine Learning Enables Network Intelligence. Journal of Communications and Information Networks, 2022, 7, 157-169.	5.2	3
21	A novel trust-based security and privacy model for Internet of Vehicles using encryption and steganography. Computers and Electrical Engineering, 2022, 102, 108205.	4.8	56
22	RAMOS: A Resource-Aware Multi-Objective System for Edge Computing. IEEE Transactions on Mobile Computing, 2021, 20, 2654-2670.	5.8	13
23	A Survey on Security and Privacy Issues in Edge-Computing-Assisted Internet of Things. IEEE Internet of Things Journal, 2021, 8, 4004-4022.	8.7	147
24	A Weighted Machine Learning-Based Attacks Classification to Alleviating Class Imbalance. IEEE Systems Journal, 2021, 15, 4780-4791.	4.6	11
25	Multi-Classifer Tree With Transient Features for Drift Compensation in Electronic Nose. IEEE Sensors Journal, 2021, 21, 6564-6574.	4.7	26
26	Blockchain technologies to mitigate COVID-19 challenges: A scoping review. Computer Methods and Programs in Biomedicine Update, 2021, 1, 100001.	3.7	42
27	The Recent Technologies to Curb the Second-Wave of COVID-19 Pandemic. IEEE Access, 2021, 9, 97906-97928.	4.2	17
28	RL-PDNN: Reinforcement Learning for Privacy-Aware Distributed Neural Networks in IoT Systems. IEEE Access, 2021, 9, 54872-54887.	4.2	5
29	A Comprehensive Overview of the COVID-19 Literature: Machine Learning-Based Bibliometric Analysis. Journal of Medical Internet Research, 2021, 23, e23703.	4.3	31
30	Middle East and North African Health Informatics Association (MENAHA). Yearbook of Medical Informatics, 2021, 30, 328-334.	1.0	3
31	Smart healthcare in smart cities: wireless patient monitoring system using IoT. Journal of Supercomputing, 2021, 77, 12230-12255.	3.6	84
32	DeepRAT: A DRL-Based Framework for Multi-RAT Assignment and Power Allocation in HetNets. , 2021, , .		10
33	Efficient Real-Time Image Recognition Using Collaborative Swarm of UAVs and Convolutional Networks. , 2021, , .		9
34	Cooperative Machine Learning Techniques for Cloud Intrusion Detection. , 2021, , .		3
35	DQN-Based Multi-User Power Allocation for Hybrid RF/VLC Networks. , 2021, , .		6
36	Network Augmentation by Dynamically Splitting the Switching Function in SDN. , 2021, , .		12

#	ARTICLE	IF	CITATIONS
37	Emotion Recognition for Healthcare Surveillance Systems Using Neural Networks: A Survey. , 2021, , .		16
38	Global cryptocurrency trend prediction using social media. Information Processing and Management, 2021, 58, 102708.	8.6	31
39	Artificial Intelligence in the Fight Against the COVID-19 Pandemic: Opportunities and Challenges. Lecture Notes in Bioengineering, 2021, , 185-196.	0.4	2
40	Federated Transfer Learning for Authentication and Privacy Preservation Using Novel Supportive Twin Delayed DDPG (S-TD3) Algorithm for IIoT. Sensors, 2021, 21, 7793.	3.8	29
41	Random Forest Bagging and X-Means Clustered Antipattern Detection from SQL Query Log for Accessing Secure Mobile Data. Wireless Communications and Mobile Computing, 2021, 2021, 1-9.	1.2	37
42	Reinforcement Learning for Hybrid Energy LoRa Wireless Networks. , 2021, , .		1
43	A Novel Security Mechanism of 6G for IMD using Authentication and Key Agreement Scheme. , 2021, , .		31
44	Hierarchical Federated Learning over HetNets enabled by Wireless Energy Transfer. , 2021, , .		2
45	The Adversarial Machine Learning Conundrum: Can the Insecurity of ML Become the Achilles' Heel of Cognitive Networks?. IEEE Network, 2020, 34, 196-203.	6.9	21
46	FacebookVideoLive18: A Live Video Streaming Dataset for Streams Metadata and Online Viewers Locations. , 2020, , .		13
47	Iterative Per Group Feature Selection For Intrusion Detection. , 2020, , .		2
48	An Effective Electronic waste management solution based on Blockchain Smart Contract in 5G Communities. , 2020, , .		28
49	Machine Learning Based Cloud Computing Anomalies Detection. IEEE Network, 2020, 34, 178-183.	6.9	11
50	CE-D2D: Collaborative and Popularity-aware Proactive Chunks Caching in Edge Networks. , 2020, , .		7
51	Collaborative hierarchical caching and transcoding in edge network with CE-D2D communication. Journal of Network and Computer Applications, 2020, 172, 102801.	9.1	13
52	TIDCS: A Dynamic Intrusion Detection and Classification System Based Feature Selection. IEEE Access, 2020, 8, 95864-95877.	4.2	50
53	RL-OPRA: Reinforcement Learning for Online and Proactive Resource Allocation of crowdsourced live videos. Future Generation Computer Systems, 2020, 112, 982-995.	7.5	10
54	Weighted Trustworthiness for ML Based Attacks Classification. , 2020, , .		7

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55	Performance Analysis of Dual-Hop Underwater Wireless Optical Communication Systems Over Mixture Exponential-Generalized Gamma Turbulence Channels. IEEE Transactions on Communications, 2020, 68, 5718-5731.	7.8	41
56	FemtoClouds Beyond the Edge: The Overlooked Data Centers. IEEE Internet of Things Magazine, 2020, 3, 44-49.	2.6	16
57	Top Concerns of Tweeters During the COVID-19 Pandemic: Infoveillance Study. Journal of Medical Internet Research, 2020, 22, e19016.	4.3	561
58	Artificial Intelligence in the Fight Against COVID-19: Scoping Review. Journal of Medical Internet Research, 2020, 22, e20756.	4.3	70
59	DistPrivacy: Privacy-Aware Distributed Deep Neural Networks in IoT surveillance systems. , 2020, , .		9
60	Intrusion Prevention System for DDoS Attack on VANET With reCAPTCHA Controller Using Information Based Metrics. IEEE Access, 2019, 7, 158481-158491.	4.2	34
61	Shuffled Frog-Leaping and Weighted Cosine Similarity for Drift Correction in Gas Sensors. IEEE Sensors Journal, 2019, 19, 12126-12136.	4.7	12
62	Secrecy Performance of Decode-and-Forward Based Hybrid RF/VLC Relaying Systems. IEEE Access, 2019, 7, 10844-10856.	4.2	29
63	Secrecy Capacity of Hybrid RF/VLC DF Relaying Networks with Jamming. , 2019, , .		8
64	Joint Beamforming Design and Power Minimization for Friendly Jamming Relaying Hybrid RF/VLC Systems. IEEE Photonics Journal, 2019, 11, 1-18.	2.0	15
65	CFlam: Cost-effective Flow Latency Monitoring System for Software Defined Networks. , 2019, , .		0
66	DDoS Detection Mechanism Using Trust-Based Evaluation System in VANET. IEEE Access, 2019, 7, 183532-183544.	4.2	77
67	Unified Statistical Channel Model for Turbulence-Induced Fading in Underwater Wireless Optical Communication Systems. IEEE Transactions on Communications, 2019, 67, 2893-2907.	7.8	158
68	Achieving Energy Efficiency in Data Centers Using an Artificial Intelligence Abstraction Model. IEEE Transactions on Cloud Computing, 2018, 6, 612-624.	4.4	12
69	Physical Layer Security for Hybrid RF/VLC DF Relaying Systems. , 2018, , .		6
70	eMPTCP: Towards High Performance Multipath Data Transmission by Leveraging SDN. , 2018, , .		6
71	An Adaptive N-Policy Queueing System Design for Energy Efficient and Delay Sensitive Sensor Networks. , 2018, , .		1
72	Awakening the Cloud Within: Energy-Aware Task Scheduling on Edge IoT Devices. , 2018, , .		5

#	ARTICLE	IF	CITATIONS
73	An Energy-Aware IoT Femtocloud System. , 2018, , .		10
74	A cost-effective low-latency overlaid torus-based data center network architecture. Computer Communications, 2018, 129, 89-100.	5.1	5
75	JOTA: Joint optimization for the task assignment of sketch-based measurement. Computer Communications, 2017, 102, 17-27.	5.1	3
76	Scalable pipelined IP lookup with prefix tries. Computer Networks, 2017, 120, 1-11.	5.1	3
77	Enforcing timely network policies installation in OpenFlow-based software defined networks. , 2017, , .		3
78	Guest Editorial Special Issue on Green Communications, Computing, and Systems. IEEE Systems Journal, 2017, 11, 546-550.	4.6	1
79	A New Simple Model for Underwater Wireless Optical Channels in the Presence of Air Bubbles. , 2017, , .		32
80	Simple statistical channel model for weak temperature-induced turbulence in underwater wireless optical communication systems. Optics Letters, 2017, 42, 2455.	3.3	99
81	Presto: Towards efficient online virtual network embedding in virtualized cloud data centers. Computer Networks, 2016, 106, 196-208.	5.1	91
82	Exploring Smart Pilot for Wireless Rate Adaptation. IEEE Transactions on Wireless Communications, 2016, 15, 4571-4582.	9.2	20
83	Towards cost-effective and low latency data center network architecture. Computer Communications, 2016, 82, 1-12.	5.1	16
84	A Practical Large-Capacity Three-Stage Buffered Clos-Network Switch Architecture. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 317-328.	5.6	16
85	JieLin: A Scalable and Fault Tolerant Server-Centric Data Center Network Architecture. , 2015, , .		0
86	wFlatnet: Introducing Wireless in Flatnet Data Center Network. , 2015, , .		5
87	ScalNet: A Novel Network Architecture for Data Centers. , 2015, , .		6
88	MDCP: Measurement-Aware Distributed Controller Placement for Software Defined Networks. , 2015, , .		4
89	Designing efficient high performance server-centric data center network architecture. Computer Networks, 2015, 79, 283-296.	5.1	29
90	A survey of wireless data center networks. , 2015, , .		34

#	ARTICLE	IF	CITATIONS
91	CeMon: A cost-effective flow monitoring system in software defined networks. Computer Networks, 2015, 92, 101-115.	5.1	53
92	CLOT: A cost-effective low-latency overlaid torus-based network architecture for data centers. , 2015, , .		10
93	Piros: Pushing the Limits of Partially Concurrent Transmission in WiFi Networks. , 2015, , .		2
94	Hyper-Flatnet: A novel network architecture for data centers. , 2015, , .		9
95	Towards bandwidth guaranteed energy efficient data center networking. Journal of Cloud Computing: Advances, Systems and Applications, 2015, 4, .	3.9	20
96	An efficient framework for online virtual network embedding in virtualized cloud data centers. , 2015, , .		4
97	Preventing passive TCP timeouts in data center networks with packet drop notification. , 2014, , .		3
98	FlowCover: Low-cost flow monitoring scheme in software defined networks. , 2014, , .		56
99	Efficient UDP-based congestion aware transport for data center traffic. , 2014, , .		1
100	Rethinking the Data Center Networking: Architecture, Network Protocols, and Resource Sharing. IEEE Access, 2014, 2, 1481-1496.	4.2	72
101	CheetahFlow: Towards low latency software-defined network. , 2014, , .		20
102	FC-MAC: Fine-grained cognitive MAC for wireless video streaming. , 2014, , .		0
103	Wireless Rate Adaptation via Smart Pilot. , 2014, , .		5
104	Fine-grained power control for combined input-crosspoint queued switches. , 2014, , .		0
105	NovaCube: A low latency Torus-based network architecture for data centers. , 2014, , .		30
106	A general framework for performance guaranteed green data center networking. , 2014, , .		11
107	Improving the efficiency of server-centric data center network architectures. , 2014, , .		5
108	Harnessing Frequency Domain for Cooperative Sensing and Multi-channel Contention in CRAHNS. IEEE Transactions on Wireless Communications, 2014, 13, 440-449.	9.2	36

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109	Dynamic Multiuser Sub-Channels Allocation and Real-Time Aggregation Model for IEEE 802.11 WLANs. IEEE Transactions on Wireless Communications, 2014, 13, 6015-6026.	9.2	6
110	SprintNet: A high performance server-centric network architecture for data centers. , 2014, , .		23
111	Dynamic multi-user access scheme for IEEE 802.11 WLAN channels. , 2014, , .		1
112	JieLin: A Scalable and Fault Tolerant Server-Centric Data Center Network Architecture. , 2014, , .		0
113	Applications to Classic Problems. SpringerBriefs in Computer Science, 2014, , 29-57.	0.2	0
114	Attachment Transmission. SpringerBriefs in Computer Science, 2014, , 17-28.	0.2	0
115	Recent Advances in Wireless Communications. SpringerBriefs in Computer Science, 2014, , 7-15.	0.2	0
116	Practical Rate Adaptation for Very High Throughput WLANs. IEEE Transactions on Wireless Communications, 2013, 12, 908-916.	9.2	17
117	Enhancement of multi-user access in IEEE 802.11 WLAN channels. , 2013, , .		0
118	Keynote speaker: Massive data centers for future cloud computing applications. , 2013, , .		1
119	Attachment-Learning for Multi-Channel Allocation in Distributed OFDMA-Based Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1712-1721.	9.2	10
120	Attached-RTS: Eliminating an Exposed Terminal Problem in Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1289-1299.	5.6	21
121	Enabling the Femtocells: A Cooperation Framework for Mobile and Fixed-Line Operators. IEEE Transactions on Wireless Communications, 2013, 12, 158-167.	9.2	19
122	Data Center Network Topologies: Research Proposals. SpringerBriefs in Computer Science, 2013, , 15-31.	0.2	5
123	Data Center Networks. SpringerBriefs in Computer Science, 2013, , .	0.2	62
124	Feedback considered beneficial: Exploring frequency diversity in full-duplex rateless codes. , 2013, , .		1
125	Groupon in the Air: A three-stage auction framework for Spectrum Group-buying. , 2013, , .		56
126	Data Center Network Topologies: Current State-of-the-Art. SpringerBriefs in Computer Science, 2013, , 7-14.	0.2	3

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127	Fault-Tolerant Routing. SpringerBriefs in Computer Science, 2013, , 51-64.	0.2	0
128	Performance Enhancement. SpringerBriefs in Computer Science, 2013, , 45-50.	0.2	0
129	Routing Techniques. SpringerBriefs in Computer Science, 2013, , 33-43.	0.2	0
130	A game formulation of duopoly market with coexistence of SoftSim and regular users. , 2012, , .		1
131	GeRA: Generic rate adaptation for vehicular networks. , 2012, , .		5
132	Revenue Improvement for Wireless Service Providers in Hybrid Macrocellâ€Femtocell Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 4109-4117.	6.3	5
133	Distributed Packet Buffers for High-Bandwidth Switches and Routers. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1178-1192.	5.6	8
134	FCM: Frequency domain Cooperative sensing and Multi-channel contention for CRAHNS. , 2012, , .		0
135	Hyper-BCube: A scalable data center network. , 2012, , .		24
136	Combating Hidden and Exposed Terminal Problems in Wireless Networks. IEEE Transactions on Wireless Communications, 2012, 11, 4204-4213.	9.2	60
137	FAST: Realizing what your neighbors are doing. , 2012, , .		3
138	A study of fault-tolerance characteristics of data center networks. , 2012, , .		8
139	FlatNet: Towards a flatter data center network. , 2012, , .		8
140	A Framed Packet Switch Without Control Loop. , 2011, , .		0
141	Design and experimentation of Rate Adaptation for IEEE 802.11n WLANs. , 2011, , .		2
142	Attachment Learning for Multi-channel Allocation in Distributed OFDMA Networks. , 2011, , .		2
143	Communication Cost Minimization in Wireless Sensor and Actor Networks for Road Surveillance. IEEE Transactions on Vehicular Technology, 2011, 60, 618-631.	6.3	18
144	Dynamic Spectrum Sharing With Multiple Primary and Secondary Users. IEEE Transactions on Vehicular Technology, 2011, 60, 1756-1765.	6.3	30

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145	Priority-Based Rate Adaptation Using Game Theory in Vehicular Networks. , 2011, , .		1
146	Selective-Request Round-Robin Scheduling for VOQ Packet Switch Architecture. , 2011, , .		9
147	Utility-based fair bandwidth sharing in vehicular networks (extended). Wireless Communications and Mobile Computing, 2010, 10, 1648-1655.	1.2	4
148	Utility-based fair bandwidth sharing in vehicular networks. , 2010, , .		0
149	Designing Packet Buffers Using Random Round Robin. , 2010, , .		4
150	Cooperation among wireless service providers: opportunity, challenge, and solution [Dynamic Spectrum Management. IEEE Wireless Communications, 2010, 17, 55-61.	9.0	17
151	Designing packet buffers in high-bandwidth switches and routers. , 2010, , .		1
152	Open-Loop Link Adaptation for Next-Generation IEEE 802.11n Wireless Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 3713-3725.	6.3	31
153	QoS based scheduling in the downlink of multi-user wireless systems (extended). Computer Communications, 2009, 32, 1257-1262.	5.1	6
154	Using Parallel DRAM to Scale Router Buffers. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 710-724.	5.6	9
155	Distributed parallel scheduling algorithms for high-speed virtual output queuing switches. , 2009, , .		1
156	Practical and efficient open-loop rate/link adaptation algorithm for high-speed IEEE 802.11n WLANs. , 2009, , .		2
157	Compress the route table stored in TCAM by using memory filter. , 2009, , .		2
158	Minimizing Internal Speedup for Performance Guaranteed Switches With Optical Fabrics. IEEE/ACM Transactions on Networking, 2009, 17, 632-645.	3.8	28
159	Memory Subsystems in High-End Routers. IEEE Micro, 2009, 29, 52-63.	1.8	3
160	Vertical dimensioning: A novel DRR implementation for efficient fair queueing. Computer Communications, 2008, 31, 3476-3484.	5.1	7
161	Smart sender: a practical rate adaptation algorithm for multirate IEEE 802.11 WLANs. IEEE Transactions on Wireless Communications, 2008, 7, 1764-1775.	9.2	30
162	Strictly Non-Blocking Conditions for the Central-Stage Buffered Clos-Network. IEEE Communications Letters, 2008, 12, 206-208.	4.1	13

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163	Enhancements on Router-Assisted Congestion Control for Wireless Networks. IEEE Transactions on Wireless Communications, 2008, 7, 2253-2260.	9.2	11
164	Active Queue Management with Dual Virtual Proportional Integral Queues for TCP Uplink/Downlink Fairness in Infrastructure WLANs. IEEE Transactions on Wireless Communications, 2008, 7, 2261-2271.	9.2	14
165	Matching the speed gap between SRAM and DRAM. , 2008, , .		7
166	A Scheduler for the Downlink of Multi-User Wireless Systems with Frame Aggregation. , 2008, , .		1
167	QoS based scheduling in the downlink of multiuser wireless systems. , 2008, , .		0
168	Improving Quality of Service for Congestion Control in High-Speed Wired-cum-Wireless Networks. , 2007, , .		0
169	Cross Layer Design for the IEEE 802.11 WLANs: Joint Rate Control and Packet Scheduling. IEEE Transactions on Wireless Communications, 2007, 6, 2732-2740.	9.2	16
170	GUEST EDITORIAL - WIRELESS BROADBAND ACCESS: WIMAX AND BEYOND. , 2007, 45, 122-123.		0
171	Wireless Broadband Access: WiMAX and Beyond [Guest Editorial]. , 2007, 45, 60-61.		5
172	Applying Router-Assisted Congestion Control to Wireless Networks: Challenges and Solutions. , 2007, , .		2
173	Randomized Batch Scheduling with Minimum Configurations for Switches and Routers. , 2007, , .		1
174	iPIFO: A Network Memory Architecture for QoS Routers. , 2007, , .		3
175	Delay Analysis of Combined Input-Crosspoint Queueing Switches. , 2007, , .		2
176	A Link Adaptation Algorithm in MIMO-based WiMAX Systems. Journal of Communications, 2007, 2, .	1.6	10
177	WSN05-3: Practical Rate Adaptation for IEEE 802.11 WLANs. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
178	NXG06-3: The Central-stage Buffered Clos-Network to Emulate an OQ Switch. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	6
179	Non-violation set scheduling for two-dimensional optical MEMS switches. IEEE Communications Letters, 2006, 10, 308-310.	4.1	0
180	New Flow Control Paradigm for Next Generation Networks. , 2006, , .		3

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181	Contention Window Adjustment for IEEE 802.11 WLANs: A Control-Theoretic Approach. , 2006, , .		23
182	High-performance switching based on buffered crossbar fabrics. Computer Networks, 2006, 50, 2271-2285.	5.1	6
183	Multimedia-MAC protocol: its performance analysis and applications for WDM networks. IEEE Transactions on Communications, 2006, 54, 518-531.	7.8	14
184	Turbo-slice-and-patch: an algorithm for metropolitan scale VBR video streaming. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 338-353.	8.3	7
185	Resource allocation in communication networks using abstraction and constraint satisfaction. IEEE Journal on Selected Areas in Communications, 2005, 23, 304-320.	14.0	4
186	Routing and Wavelength Assignment in Multi-Segment WDM Optical Networks using Clustering Techniques. Photonic Network Communications, 2004, 8, 55-67.	2.7	12
187	An adaptive scheduling algorithm for differentiated services on WDM optical networks. Computer Communications, 2004, 27, 857-867.	5.1	1
188	Integrated routing and grooming in GMPLS-based optical networks. , 2004, , .		8
189	A scalable video-on-demand system using multi-batch buffering techniques. IEEE Transactions on Broadcasting, 2003, 49, 178-191.	3.2	4
190	On the application of the blocking island paradigm in all-optical networks. IEEE Transactions on Communications, 2003, 51, 1690-1699.	7.8	6
191	Providing deterministic packet delays and packet losses in multimedia wireless networks. Wireless Communications and Mobile Computing, 2003, 3, 3-22.	1.2	2
192	An active queue management scheme based on a capture-recapture model. IEEE Journal on Selected Areas in Communications, 2003, 21, 572-583.	14.0	21
193	Guest editorial high-performance electronic switches/routers for high-speed internet. IEEE Journal on Selected Areas in Communications, 2003, 21, 481-485.	14.0	1
194	Guest editorial high-performance optical switches/routers for high-speed internet. IEEE Journal on Selected Areas in Communications, 2003, 21, 1013-1017.	14.0	2
195	On scheduling optical packet switches with reconfiguration delay. IEEE Journal on Selected Areas in Communications, 2003, 21, 1156-1164.	14.0	63
196	Efficient protocols for multimedia streams on wdma networks. Journal of Lightwave Technology, 2003, 21, 2123-2144.	4.6	8
197	MCBF: a high-performance scheduling algorithm for buffered crossbar switches. IEEE Communications Letters, 2003, 7, 451-453.	4.1	78
198	Performance evaluation of mobile radio slotted ALOHA with fixed multibeam antennas. Journal of Communications and Networks, 2000, 2, 337-343.	2.6	0

#	ARTICLE	IF	CITATIONS
199	An efficient message scheduling algorithm for WDM lightwave networks. Computer Networks, 1999, 31, 2139-2152.	5.1	19
200	Parallel Computing on an Ethernet Cluster of Workstations: Opportunities and Constraints. Journal of Supercomputing, 1999, 13, 111-132.	3.6	3
201	RCC-Full: An Effective Network for Parallel Computations. Journal of Parallel and Distributed Computing, 1997, 41, 139-155.	4.1	9
202	SPEED: A parallel platform for solving and predicting the performance of PDEs on distributed systems. Concurrency and Computation: Practice and Experience, 1996, 8, 537-568.	0.5	2
203	PERFORMANCE EVALUATION OF NON-BLOCKING ATM SWITCHES UNDER VARIOUS TRAFFIC AND BUFFERING SCHEMES. International Journal of Communication Systems, 1996, 9, 59-79.	2.5	2
204	Wireless channel access for multimedia personal communication systems. , 0, , .		5
205	On the provision of integrated QoS guarantees of unicast and multicast traffic in input-queued switches. , 0, , .		3
206	Fast fair arbiter design in packet switches. , 0, , .		5