

Mounir Hamdi

List of Publications by Year in descending order

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206
papers

3,862
citations

186209

28
h-index

189801

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. Multimedia Systems, 2023, 29, 2951-2959.	3.0	24
2	LoRa-RL: Deep Reinforcement Learning for Resource Management in Hybrid Energy LoRa Wireless Networks. IEEE Internet of Things Journal, 2022, 9, 6458-6476.	5.5	23
3	An Intelligent Resource Reservation for Crowdsourced Live Video Streaming Applications in Geo-Distributed Cloud Environment. IEEE Systems Journal, 2022, 16, 240-251.	2.9	9
4	Distributed CNN Inference on Resource-Constrained UAVs for Surveillance Systems: Design and Optimization. IEEE Internet of Things Journal, 2022, 9, 1227-1242.	5.5	21
5	5G based Blockchain network for authentic and ethical keyword search engine. IET Communications, 2022, 16, 442-448.	1.5	28
6	New York City taxi trip duration prediction using MLP and XGBoost. International Journal of Systems Assurance Engineering and Management, 2022, 13, 16-27.	1.5	28
7	Multi-Tier Stack of Block Chain with Proxy Re-Encryption Method Scheme on the Internet of Things Platform. ACM Transactions on Internet Technology, 2022, 22, 1-20.	3.0	15
8	Gulf Cooperation Council Clinical Trials in the Pursuit of Medications for COVID-19. Studies in Health Technology and Informatics, 2022, 289, 9-13.	0.2	1
9	Intelligent Trust-Based Utility and Reusability Model: Enhanced Security Using Unmanned Aerial Vehicles on Sensor Nodes. Applied Sciences (Switzerland), 2022, 12, 1317.	1.3	14
10	Evaluation of Neuro Images for the Diagnosis of Alzheimer's Disease Using Deep Learning Neural Network. Frontiers in Public Health, 2022, 10, 834032.	1.3	19
11	Hierarchical Multi-Agent DRL-Based Framework for Joint Multi-RAT Assignment and Dynamic Resource Allocation in Next-Generation HetNets. IEEE Transactions on Network Science and Engineering, 2022, 9, 2481-2494.	4.1	9
12	The Frontiers of Deep Reinforcement Learning for Resource Management in Future Wireless HetNets: Techniques, Challenges, and Research Directions. IEEE Open Journal of the Communications Society, 2022, 3, 322-365.	4.4	19
13	RL-DistPrivacy: Privacy-Aware Distributed Deep Inference for Low Latency IoT Systems. IEEE Transactions on Network Science and Engineering, 2022, 9, 2066-2083.	4.1	6
14	Peer-to-peer trust management in intelligent transportation system: An Aumann's agreement theorem based approach. ICT Express, 2022, 8, 340-346.	3.3	17
15	Notice of Violation of IEEE Publication Principles: Secured Wireless Energy Transfer for the Internet of Everything in Ambient Intelligent Environments. IEEE Internet of Things Magazine, 2022, 5, 62-66.	2.0	4
16	Hybrid Model for Detection of Cervical Cancer Using Causal Analysis and Machine Learning Techniques. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-17.	0.7	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. IEEE Wireless Communications Letters, 2022, 11, 1503-1507.	3.2	2

#	ARTICLE	IF	CITATIONS
19	Middle East and North African Health Informatics Association (MENAHA). Yearbook of Medical Informatics, 2022, 31, 354-364.	0.8	1
20	Rethinking Data Center Networks: Machine Learning Enables Network Intelligence. Journal of Communications and Information Networks, 2022, 7, 157-169.	3.5	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.	3.0	56
22	RAMOS: A Resource-Aware Multi-Objective System for Edge Computing. IEEE Transactions on Mobile Computing, 2021, 20, 2654-2670.	3.9	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.	5.5	147
24	A Weighted Machine Learning-Based Attacks Classification to Alleviating Class Imbalance. IEEE Systems Journal, 2021, 15, 4780-4791.	2.9	11
25	Multi-Classifer Tree With Transient Features for Drift Compensation in Electronic Nose. IEEE Sensors Journal, 2021, 21, 6564-6574.	2.4	26
26	Blockchain technologies to mitigate COVID-19 challenges: A scoping review. Computer Methods and Programs in Biomedicine Update, 2021, 1, 100001.	2.3	42
27	The Recent Technologies to Curb the Second-Wave of COVID-19 Pandemic. IEEE Access, 2021, 9, 97906-97928.	2.6	17
28	RL-PDNN: Reinforcement Learning for Privacy-Aware Distributed Neural Networks in IoT Systems. IEEE Access, 2021, 9, 54872-54887.	2.6	5
29	A Comprehensive Overview of the COVID-19 Literature: Machine Learning-Based Bibliometric Analysis. Journal of Medical Internet Research, 2021, 23, e23703.	2.1	31
30	Middle East and North African Health Informatics Association (MENAHA). Yearbook of Medical Informatics, 2021, 30, 328-334.	0.8	3
31	Smart healthcare in smart cities: wireless patient monitoring system using IoT. Journal of Supercomputing, 2021, 77, 12230-12255.	2.4	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

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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.	5.4	31
39	Artificial Intelligence in the Fight Against the COVID-19 Pandemic: Opportunities and Challenges. Lecture Notes in Bioengineering, 2021, , 185-196.	0.3	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.	2.1	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.	0.8	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.	4.9	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.	4.9	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.	5.8	13
52	TIDCS: A Dynamic Intrusion Detection and Classification System Based Feature Selection. IEEE Access, 2020, 8, 95864-95877.	2.6	50
53	RL-OPRA: Reinforcement Learning for Online and Proactive Resource Allocation of crowdsourced live videos. Future Generation Computer Systems, 2020, 112, 982-995.	4.9	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.	4.9	41
56	FemtoClouds Beyond the Edge: The Overlooked Data Centers. IEEE Internet of Things Magazine, 2020, 3, 44-49.	2.0	16
57	Top Concerns of Tweeters During the COVID-19 Pandemic: Infoveillance Study. Journal of Medical Internet Research, 2020, 22, e19016.	2.1	561
58	Artificial Intelligence in the Fight Against COVID-19: Scoping Review. Journal of Medical Internet Research, 2020, 22, e20756.	2.1	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.	2.6	34
61	Shuffled Frog-Leaping and Weighted Cosine Similarity for Drift Correction in Gas Sensors. IEEE Sensors Journal, 2019, 19, 12126-12136.	2.4	12
62	Secrecy Performance of Decode-and-Forward Based Hybrid RF/VLC Relaying Systems. IEEE Access, 2019, 7, 10844-10856.	2.6	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.	1.0	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.	2.6	77
67	Unified Statistical Channel Model for Turbulence-Induced Fading in Underwater Wireless Optical Communication Systems. IEEE Transactions on Communications, 2019, 67, 2893-2907.	4.9	158
68	Achieving Energy Efficiency in Data Centers Using an Artificial Intelligence Abstraction Model. IEEE Transactions on Cloud Computing, 2018, 6, 612-624.	3.1	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

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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.	3.1	5
75	JOTA: Joint optimization for the task assignment of sketch-based measurement. Computer Communications, 2017, 102, 17-27.	3.1	3
76	Scalable pipelined IP lookup with prefix tries. Computer Networks, 2017, 120, 1-11.	3.2	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.	2.9	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.	1.7	99
81	Presto: Towards efficient online virtual network embedding in virtualized cloud data centers. Computer Networks, 2016, 106, 196-208.	3.2	91
82	Exploring Smart Pilot for Wireless Rate Adaptation. IEEE Transactions on Wireless Communications, 2016, 15, 4571-4582.	6.1	20
83	Towards cost-effective and low latency data center network architecture. Computer Communications, 2016, 82, 1-12.	3.1	16
84	A Practical Large-Capacity Three-Stage Buffered Clos-Network Switch Architecture. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 317-328.	4.0	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.	3.2	29
90	A survey of wireless data center networks. , 2015, , .		34

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91	CeMon: A cost-effective flow monitoring system in software defined networks. Computer Networks, 2015, 92, 101-115.	3.2	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, .	2.1	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.	2.6	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.	6.1	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.	6.1	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.	6.1	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.	6.1	10
120	Attached-RTS: Eliminating an Exposed Terminal Problem in Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1289-1299.	4.0	21
121	Enabling the Femtocells: A Cooperation Framework for Mobile and Fixed-Line Operators. IEEE Transactions on Wireless Communications, 2013, 12, 158-167.	6.1	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.	3.9	5
133	Distributed Packet Buffers for High-Bandwidth Switches and Routers. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1178-1192.	4.0	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.	6.1	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.	3.9	18
144	Dynamic Spectrum Sharing With Multiple Primary and Secondary Users. IEEE Transactions on Vehicular Technology, 2011, 60, 1756-1765.	3.9	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.	0.8	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.	6.6	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.	3.9	31
153	QoS based scheduling in the downlink of multi-user wireless systems (extended). Computer Communications, 2009, 32, 1257-1262.	3.1	6
154	Using Parallel DRAM to Scale Router Buffers. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 710-724.	4.0	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.	2.6	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.	3.1	7
161	Smart sender: a practical rate adaptation algorithm for multirate IEEE 802.11 WLANs. IEEE Transactions on Wireless Communications, 2008, 7, 1764-1775.	6.1	30
162	Strictly Non-Blocking Conditions for the Central-Stage Buffered Clos-Network. IEEE Communications Letters, 2008, 12, 206-208.	2.5	13

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163	Enhancements on Router-Assisted Congestion Control for Wireless Networks. IEEE Transactions on Wireless Communications, 2008, 7, 2253-2260.	6.1	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.	6.1	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.	6.1	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, .	1.3	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.	2.5	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.	3.2	6
183	Multimedia-MAC protocol: its performance analysis and applications for WDM networks. IEEE Transactions on Communications, 2006, 54, 518-531.	4.9	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.	5.6	7
185	Resource allocation in communication networks using abstraction and constraint satisfaction. IEEE Journal on Selected Areas in Communications, 2005, 23, 304-320.	9.7	4
186	Routing and Wavelength Assignment in Multi-Segment WDM Optical Networks using Clustering Techniques. Photonic Network Communications, 2004, 8, 55-67.	1.4	12
187	An adaptive scheduling algorithm for differentiated services on WDM optical networks. Computer Communications, 2004, 27, 857-867.	3.1	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.	2.5	4
190	On the application of the blocking island paradigm in all-optical networks. IEEE Transactions on Communications, 2003, 51, 1690-1699.	4.9	6
191	Providing deterministic packet delays and packet losses in multimedia wireless networks. Wireless Communications and Mobile Computing, 2003, 3, 3-22.	0.8	2
192	An active queue management scheme based on a capture-recapture model. IEEE Journal on Selected Areas in Communications, 2003, 21, 572-583.	9.7	21
193	Guest editorial high-performance electronic switches/routers for high-speed internet. IEEE Journal on Selected Areas in Communications, 2003, 21, 481-485.	9.7	1
194	Guest editorial high-performance optical switches/routers for high-speed internet. IEEE Journal on Selected Areas in Communications, 2003, 21, 1013-1017.	9.7	2
195	On scheduling optical packet switches with reconfiguration delay. IEEE Journal on Selected Areas in Communications, 2003, 21, 1156-1164.	9.7	63
196	Efficient protocols for multimedia streams on wdma networks. Journal of Lightwave Technology, 2003, 21, 2123-2144.	2.7	8
197	MCBF: a high-performance scheduling algorithm for buffered crossbar switches. IEEE Communications Letters, 2003, 7, 451-453.	2.5	78
198	Performance evaluation of mobile radio slotted ALOHA with fixed multibeam antennas. Journal of Communications and Networks, 2000, 2, 337-343.	1.8	0

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199	An efficient message scheduling algorithm for WDM lightwave networks. Computer Networks, 1999, 31, 2139-2152.	3.2	19
200	Parallel Computing on an Ethernet Cluster of Workstations: Opportunities and Constraints. Journal of Supercomputing, 1999, 13, 111-132.	2.4	3
201	RCC-Full: An Effective Network for Parallel Computations. Journal of Parallel and Distributed Computing, 1997, 41, 139-155.	2.7	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.	0.6	2
203	PERFORMANCE EVALUATION OF NON-BLOCKING ATM SWITCHES UNDER VARIOUS TRAFFIC AND BUFFERING SCHEMES. International Journal of Communication Systems, 1996, 9, 59-79.	1.6	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