Nelson L S Da Fonseca

List of Publications by Year
in descending order

229 papers	2,129 citations	394421 19 h-index	414414 32 g-index
233 all docs	233 docs citations	233 times ranked	1730 citing authors

#	Article	IF	Citations
1	The Internet of Things, Fog and Cloud continuum: Integration and challenges. Internet of Things (Netherlands), 2018, 3-4, 134-155.	7.7	195
2	Scheduling in hybrid clouds. , 2012, 50, 42-47.		123
3	Scheduling in distributed systems: A cloud computing perspective. Computer Science Review, 2018, 30, 31-54.	15.3	67
4	The Random Access Procedure in Long Term Evolution Networks for the Internet of Things. IEEE Communications Magazine, 2017, 55, 124-131.	6.1	64
5	Intelligent Routing Based on Reinforcement Learning for Software-Defined Networking. IEEE Transactions on Network and Service Management, 2021, 18, 870-881.	4.9	62
6	Task scheduling in cloud-fog computing systems. Peer-to-Peer Networking and Applications, 2021, 14, 962-977.	3.9	51
7	Allocation of Control Resources for Machine-to-Machine and Human-to-Human Communications Over LTE/LTE-A Networks. IEEE Internet of Things Journal, 2016, 3, 366-377.	8.7	43
8	On the classification of fog computing applications: A machine learning perspective. Journal of Network and Computer Applications, 2020, 159, 102596.	9.1	40
9	Estimation of the Available Bandwidth in Inter-Cloud Links for Task Scheduling in Hybrid Clouds. IEEE Transactions on Cloud Computing, 2019, 7, 62-74.	4.4	39
10	Self-adjustment of resource allocation for grid applications. Computer Networks, 2008, 52, 1762-1781.	5.1	36
11	On the Location of Fog Nodes in Fog-Cloud Infrastructures. Sensors, 2019, 19, 2445.	3.8	34
12	Simulator for WiMAX networks. Simulation Modelling Practice and Theory, 2008, 16, 817-833.	3.8	32
13	Topology-Aware Virtual Machine Placement in Data Centers. Journal of Grid Computing, 2016, 14, 75-90.	3.9	30
14	Multi-Objective Optimization for Edge Device Placement and Reliable Broadcasting in 5G NFV-Based Small Cell Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2304-2317.	14.0	26
15	The Location Problem for the Provisioning of Protected Slices in NFV-Based MEC Infrastructure. IEEE Journal on Selected Areas in Communications, 2020, 38, 1505-1514.	14.0	25
16	Uplink Scheduling with Quality of Service in IEEE 802.16 Networks. , 2007, , .		24
17	Scheduler for IEEE 802.16 networks. IEEE Communications Letters, 2008, 12, 274-276.	4.1	24
18	Protection, Routing, Modulation, Core, and Spectrum Allocation in SDM Elastic Optical Networks. IEEE Communications Letters, 2018, 22, 1806-1809.	4.1	24

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19	Redundant placement of virtualized network functions for LTE evolved Multimedia Broadcast Multicast Services. , 2017, , .		23
20	A Multipath Routing Mechanism in Optical Networks with Extremely High Bandwidth Requests. , 2009, , .		22
21	A fair scheduling discipline for Ethernet passive optical networks. Computer Networks, 2009, 53, 1859-1878.	5.1	22
22	Cognitive link layer for wireless local area networks. , 2009, , .		21
23	Fragmentation aware routing and spectrum assignment algorithm. , 2014, , .		21
24	Resource Allocation Mechanism for a Fog-Cloud Infrastructure. , 2018, , .		21
25	A set of schedulers for grid networks. , 2007, , .		20
26	A survey of self-adaptive grids. , 2010, 48, 94-100.		20
27	Robust scheduler for grid networks under uncertainties of both application demands and resource availability. Computer Networks, 2011, 55, 3-19.	5.1	20
28	Mapping virtual networks onto substrate networks. Journal of Internet Services and Applications, 2013, 4, 3.	2.1	20
29	A survey of channel switching schemes for IPTV. , 2013, 51, 120-127.		19
30	Uplink Scheduler and Admission Control for the IEEE 802.16 Standard. , 2009, , .		18
31	DRSIR: A Deep Reinforcement Learning Approach for Routing in Software-Defined Networking. IEEE Transactions on Network and Service Management, 2022, 19, 4807-4820.	4.9	18
32	Envelope process and computation of the equivalent bandwidth of multifractal flows. Computer Networks, 2005, 48, 351-375.	5.1	17
33	Class of service in fog computing. , 2017, , .		17
34	NELLY: Flow Detection Using Incremental Learning at the Server Side of SDN-Based Data Centers. IEEE Transactions on Industrial Informatics, 2020, 16, 1362-1372.	11.3	17
35	Algorithm for FIPP p-cycle path protection in flexgrid networks. , 2014, , .		16
36	Energy-Aware Mapping and Live Migration of Virtual Networks. IEEE Systems Journal, 2017, 11, 637-648.	4.6	16

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37	Location of Fog Nodes for Reduction of Energy Consumption of End-User Devices. IEEE Transactions on Green Communications and Networking, 2020, 4, 593-605.	5.5	16
38	WiMAX Module for the ns-2 Simulator. , 2007, , .		14
39	Standard-compliant QoS provisioning scheme for LTE/EPON integrated networks. IEEE Wireless Communications, 2014, 21, 44-51.	9.0	14
40	Impact of M2M traffic on human-type communication users on the LTE uplink channel. , 2015, , .		14
41	Reliable Broadcasting in 5G NFV-Based Networks. IEEE Communications Magazine, 2018, 56, 218-224.	6.1	14
42	Protection in elastic optical networks using Failure-Independent Path Protecting p-cycles. Optical Switching and Networking, 2020, 35, 100535.	2.0	13
43	Application-Driven Provisioning of Service Function Chains Over Heterogeneous NFV Platforms. IEEE Transactions on Network and Service Management, 2021, 18, 3037-3048.	4.9	13
44	On the performance of generalized processor sharing servers under long-range dependent traffic. Computer Networks, 2002, 40, 413-431.	5.1	12
45	A minimum interference routing algorithm with reduced computational complexity. Computer Networks, 2006, 50, 1710-1732.	5.1	12
46	Load Balancing for Holding-Time-Aware Dynamic Traffic Grooming. , 2010, , .		12
47	Design of optimal Active Queue Management controllers for HSTCP in large bandwidth-delay product networks. Computer Networks, 2011, 55, 2772-2790.	5.1	12
48	Routing, core and spectrum assignment based on connected component labelling for SDM optical networks. , 2016, , .		12
49	Algorithm for shared path for protection of space division multiplexing elastic optical networks. , 2017, , .		12
50	On the Benefits of Multipath Routing for Distributed Data-Intensive Applications with High Bandwidth Requirements and Multidomain Reach. , 2009, , .		11
51	Performance analysis of available bandwidth estimation tools for grid networks. Journal of Supercomputing, 2010, 53, 103-121.	3.6	11
52	Optimal Mapping of Virtual Networks. , 2011, , .		11
53	Workflow specification and scheduling with security constraints in hybrid clouds. , 2013, , .		11
54	A fully-distributed advanced traffic management system based on opportunistic content sharing. , 2017, , .		11

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55	Routing, Core, Modulation Level, and Spectrum Assignment Based on Image Processing Algorithms. Journal of Optical Communications and Networking, 2018, 10, 947.	4.8	11
56	Peer-to-Peer IPTV Services. , 2008, , .		10
57	Analysis of performance degradation in Radio-over-Fiber systems based on IEEE 802.16 protocol. , 2009, , .		10
58	MAC protocols for wireless sensor networks over radio-over-fiber links. , 2012, , .		10
59	The impact of massive machine type communication devices on the access probability of human-to-human users in LTE networks. , 2014, , .		10
60	Algorithm for energy efficient routing, modulation and Spectrum Assignment. , 2015, , .		10
61	Random access mechanism for RAN overload control in LTE/LTE-A networks. , 2015, , .		10
62	P-cycle Protected Multipath Routing, Spectrum and Core Allocation in SDM Elastic Optical Networks. , 2019, , .		10
63	Multipath Routing, Spectrum and Core Allocation in Protected SDM Elastic Optical Networks. , 2019, , .		10
64	QoS-Constrained Multi-Path Routing for High-End Network Applications. , 2009, , .		9
65	Impact of communication uncertainties on workflow scheduling in hybrid clouds. , 2012, , .		9
66	Providing Fast Channel Switching in P2P IPTV Systems. IEEE Journal on Selected Areas in Communications, 2013, 31, 326-337.	14.0	9
67	LTE time-domain uplink scheduler for QoS provisioning. , 2013, , .		9
68	On the Usage of WiFi and LTE for the Smart Grid. , 2014, , .		9
69	Algorithm for Protection of Space Division Multiplexing Elastic Optical Networks. , 2016, , .		9
70	Radio Resource Allocation and Green Operation for Mobile Access Networks Based on Radio-over-Fiber. IEEE Transactions on Mobile Computing, 2014, 13, 894-906.	5.8	8
71	GARUDA: A New Geographical Accident Aware Solution to Reduce Urban Congestion. , 2015, , .		8
72	Holding-time-aware dynamic traffic grooming algorithms based on multipath routing for WDM optical networks. Optical Switching and Networking, 2015, 16, 21-35.	2.0	8

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73	The minimum interference p-cycle algorithm for protection of space division multiplexing elastic optical networks. , 2016, , .		8
74	The Minimum Interference p-Cycle Algorithm for Protection of Space Division Multiplexing Elastic Optical Networks. IEEE Latin America Transactions, 2017, 15, 1342-1348.	1.6	8
75	Routing, Spectrum, Core and Modulation Level Assignment Algorithm for Protected SDM Optical Networks. , 2017, , .		8
76	Protocols for Wireless Sensors Networks Connected by Radio-Over-Fiber Links. IEEE Systems Journal, 2018, 12, 905-915.	4.6	8
77	Spectrum Overlap and Traffic Grooming in P-Cycle Algorithm Protected SDM Optical Networks. , 2018, , .		8
78	On the Cross-Layer Network Planning for Flexible Ethernet Over Elastic Optical Networks. IEEE Transactions on Network and Service Management, 2021, 18, 3691-3705.	4.9	8
79	Evaluation of the Employment of UAVs as Fog Nodes. IEEE Wireless Communications, 2021, 28, 20-27.	9.0	8
80	Multipath Routing in Elastic Optical Networks with Space-Division Multiplexing. IEEE Communications Magazine, 2021, 59, 64-69.	6.1	8
81	The S2 Piggybacking Policy. Multimedia Tools and Applications, 1999, 8, 371-383.	3.9	7
82	Performance Evaluation of a Scheduler for the ONU-BS of Integrated EPON-WiMAX Networks. IEEE Latin America Transactions, 2012, 10, 1838-1843.	1.6	7
83	A robust WiMAX scheduler for EPON-WiMAX networks. , 2012, , .		7
84	Scheduler for data-intensive workflows in public clouds. , 2013, , .		7
85	Alternative routing and zone-based spectrum assignment algorithm for flexgrid optical networks. , 2014, , .		7
86	An efficient and robust protocol to disseminate data in highway environments with different traffic conditions. , 2014, , .		7
87	Schemes for inter-domain lightpath establishment based on PCE architecture. Optical Switching and Networking, 2016, 19, 10-21.	2.0	7
88	Allocation of control resources with preamble priority awareness for human and machine type communications in LTE-Advanced networks. , 2017, , .		7
89	Incentive mechanism for the CoopNet network. Peer-to-Peer Networking and Applications, 2008, 1, 29-44.	3.9	6
90	Robust scheduler for grid networks. , 2009, , .		6

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91	Scheduling Grid Applications on Clouds. , 2010, , .		6
92	A Channel Switching Scheme for IPTV Systems. , 2010, , .		6
93	Maximum Achievable Energy Efficiency of TXOP Power Save Mode in IEEE 802.11ac WLANs. , 2016, , .		6
94	Traffic grooming and spectrum overlap in FIPP p-cycle for protection of elastic optical networks. , 2016, , .		6
95	Dynamic Bandwidth Allocation with Multi-ONU Customer Support for Ethernet Passive Optical Networks. , 2018, , .		6
96	An Efficient Mice Flow Routing Algorithm for Data Centers Based on Software-Defined Networking. , 2019, , .		6
97	Smart energy pricing for demand–side management in renewable energy smart grids. International Transactions in Operational Research, 2020, 27, 2760-2784.	2.7	6
98	A Brief Survey on Resource Allocation in Service Oriented Grids. , 2007, , .		5
99	Scheduling grid tasks under uncertain demands. , 2008, , .		5
100	Path protection WDM networks with impaired-transmission. Photonic Network Communications, 2010, 19, 212-222.	2.7	5
101	Leveraging multipath routing and traffic grooming for an efficient load balancing in optical networks. , 2012, , .		5
102	A multiscaling traffic model for UDP streams. Simulation Modelling Practice and Theory, 2012, 26, 32-48.	3.8	5
103	Algorithm for traffic grooming of batches of deadline-driven requests. , 2013, , .		5
104	Traffic grooming of batches of deadline-driven requests in elastic optical networks. , 2014, , .		5
105	Comparison of Network Protection in Three-Layer IP/MPLS-over-OTN-over-DWDM Networks. , 2015, , .		5
106	Algorithm for the placement of groups of virtual machines in data centers. , 2015, , .		5
107	SinergyCloud: A simulator for evaluation of energy consumption in data centers and hybrid clouds. Simulation Modelling Practice and Theory, 2021, 110, 102329.	3.8	5
108	CogProt: A Framework for Cognitive Configuration and Optimization of Communication Protocols. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 280-291.	0.3	5

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109	Receiver-Driven Queue Management for Achieving RTT-Fairness in Wi-Fi Networks. , 2009, , .		4
110	Optimization of the Use of Radio Resource of Radio-Over-Fiber Access Networks. , 2010, , .		4
111	Analysis of Performance Degradation in Radio-Over-Fiber Systems Based on IEEE 802.16 Protocol. IEEE Latin America Transactions, 2010, 8, 377-384.	1.6	4
112	Queue Management Mechanism for 802.11 Base Stations. IEEE Communications Letters, 2011, 15, 728-730.	4.1	4
113	Scheduling Grid Tasks in Face of Uncertain Communication Demands. IEEE Transactions on Network and Service Management, 2011, 8, 92-103.	4.9	4
114	Embedding Software Requirements in Grid Scheduling. , 2011, , .		4
115	Green virtualized networks. , 2012, , .		4
116	PCE-based inter-domain lightpath provisioning. , 2012, , .		4
117	Multipath routing with topology aggregation for scalable inter-domain service provisioning in optical networks. Optical Switching and Networking, 2012, 9, 314-322.	2.0	4
118	Dynamic green self-configuration of 3G base stations using fuzzy cognitive maps. Computer Networks, 2013, 57, 1597-1610.	5.1	4
119	Live migration in green virtualized networks. , 2013, , .		4
120	A Cluster-Based Random-Access Scheme for LTE/LTE-A Networks Supporting Massive Machine-Type Communications. , 2018, , .		4
121	Geometric aspects of probabilistic broadcasting in ad hoc networks. Ad Hoc Networks, 2019, 87, 146-156.	5.5	4
122	Modelling the output process of an ATM multiplexer with correlated priorities. Computer Networks, 1998, 29, 2153-2164.	1.0	3
123	On the Transformation of Multifractal Traffic at Ingress Optical Burst Switches. , 2006, , .		3
124	Bandwidth Allocation in Self-Sizing Networks Under Uncertain Constraints. , 2006, , .		3
125	Fair and Efficient Dynamic Traffic Grooming Algorithm for WDM Mesh Networks. , 2009, , .		3
126	Admission Control Policies for Revenue and Utility Maximization in IEEE 802.16 Networks. , 2010, , .		3

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127	Identifying Relevant Cross-Layer Interactions in Cognitive Processes. , 2010, , .		3
128	Fairness in Zone-Based Algorithms for Dynamic Traffic Grooming in WDM Mesh Networks. Journal of Optical Communications and Networking, 2010, 2, 305.	4.8	3
129	A Comparison of Channel Switching Schemes for IPTV Systems. , 2011, , .		3
130	Opportunistic Cross-Layer Uplink Scheduler for the IEEE 802.16 Standard. , 2011, , .		3
131	Algorithm for energy efficient lightpath establishment in WDM networks. , 2012, , .		3
132	Approximated algorithms for mapping virtual networks on network substrates. , 2012, , .		3
133	A distributed envelope-based admission control for multihop IEEE 802.11 Ad Hoc networks. , 2012, , .		3
134	A DCCP Variant for High Speed Networks. IEEE Latin America Transactions, 2012, 10, 1947-1953.	1.6	3
135	Optimal algorithms for the batch scheduling problem in OBS networks. Computer Networks, 2012, 56, 3274-3286.	5.1	3
136	Channel reusability for burst scheduling in OBS networks. Photonic Network Communications, 2013, 26, 84-94.	2.7	3
137	iPeer TV: A P2P IPTV architecture with fast channel switching. , 2013, , .		3
138	Scheduling cloud applications under uncertain available bandwidth. , 2013, , .		3
139	Promotion of content availability by playlist viewers in CDN-P2P systems. , 2013, , .		3
140	LTE scheduler for LTE/TDM-EPON integrated networks. , 2014, , .		3
141	Refining the estimation of the available bandwidth in inter-cloud links for task scheduling. , 2014, , .		3
142	Admission control for WiMAX networks. Wireless Communications and Mobile Computing, 2014, 14, 1409-1419.	1.2	3
143	Impact of the routing protocol choice on the Envelope-Based Admission Control scheme for ad hoc networks. Ad Hoc Networks, 2015, 31, 20-33.	5.5	3
144	Energy-Aware Migration of Groups of Virtual Machines in Distributed Data Centers. , 2016, , .		3

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145	Sharing spectrum and straddling p-cycle FIPP for protection against two simultaneous failures in SDM elastic optical networks. , 2017, , .		3
146	PRACH Power Control Mechanism for Improving Random-Access Energy Efficiency in Long Term Evolution. , 2018, , .		3
147	Selection of Servers for Video on Demand Service over Hybrid Cloud. , 2018, , .		3
148	DBA Algorithm for Cooperative Resource Sharing among EPON Customers. , 2020, , .		3
149	Incentive Mechanisms for Cooperation in Peer-to-Peer Networks. , 2010, , 631-660.		3
150	A Comparative Study of the Performance of the Protocols iSCSi and Fiber Channel. IEEE Latin America Transactions, 2007, 5, 150-156.	1.6	2
151	A Fair Scheduling Discipline for Ethernet Passive Optical Networks. , 2007, , .		2
152	A video broadcasting protocol for bandwidthâ€constrained clients. International Journal of Network Management, 2007, 17, 389-398.	2.2	2
153	A multiobjective fuzzy bandwidth partitioning model for self-sizing networks. European Journal of Operational Research, 2008, 191, 1161-1174.	5.7	2
154	A Standard-Compliant Scheduler for WiMAX Networks. , 2008, , .		2
155	Performance Analysis of Available Bandwidth Estimation Tools for Grid Networks. , 2009, , .		2
156	A Cognitive Approach for Cross-Layer Performance Management. , 2010, , .		2
157	Fast algorithms for resource allocation in Radio-over-fiber access networks. , 2010, , .		2
158	Evaluation of an envelope-based access control scheme in multihop IEEE 802.11 ad hoc networks. , 2011, , .		2
159	Algorithm with Linear Computational Complexity for Batch Scheduling in OBS Networks. , 2011, , .		2
160	HMARS: A MAC protocol for integration of Radio-over-Fiber and Wireless Sensor Networks. , 2011, , .		2
161	Survey on signaling techniques for cognitive networks. , 2011, , .		2
162	Bi-Criteria Optimization of Radio Resources for Radio-Over-Fiber Access Networks. , 2011, , .		2

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163	Trade-off between bandwidth and energy consumption minimization in virtual network mapping. , 2012, , .		2
164	Object management policies in P2P-CDN networks. , 2012, , .		2
165	Dynamic energy-aware multipath grooming. , 2013, , .		2
166	Network Coding and Duty Cycling in IEEE 802.11 Wireless Networks with Bidirectional Transmissions and Sleeping Periods. , 2015, , .		2
167	Routing and spectrum assignment algorithm with most fragmented path first in elastic optical networks. , 2015, , .		2
168	Impact of Preamble-Priority-Aware Downlink Control Signaling Scheduling on LTE/LTE-A Network Performance. , 2017, , .		2
169	Versioning-aware and QoE-oriented strategy for adaptative bitrate streaming. , 2017, , .		2
170	Optical and wireless network convergence in 5G systems â€" an experimental approach. , 2018, , .		2
171	Latency Reduction in Probabilistic Broadcast Protocols for Ad Hoc Networks. IEEE Wireless Communications Letters, 2019, 8, 1268-1271.	5.0	2
172	DBA Algorithm with Prioritized Services for 10G-EPON with Multi-ONU Customers. , 2019, , .		2
173	Distribution of multi-hop latency for probabilistic broadcasting protocols in grid-based Wireless Sensor Networks. Ad Hoc Networks, 2022, 126, 102754.	5.5	2
174	Impact of Background Traffic on the BBR and CUBIC Variants of the TCP Protocol. IEEE Networking Letters, 2022, 4, 147-151.	1.9	2
175	Dimensioning the capacity of interactive video servers. Teletraffic Science and Engineering, 2001, 4, 383-394.	0.4	1
176	Thresholds: Role of Download Time as a Key in Web Cache Management Policies. Journal of Network and Systems Management, 2002, 10, 1-6.	4.9	1
177	A Tuning Mechanism for 802.11e Access Parameters for Coping with Delay Asymmetry. , 2006, , .		1
178	An Optimal AQM Controller for the DiffServ Architecture. , 2007, , .		1
179	An Optimal Batch Scheduling Algorithm for OBS Networks. , 2009, , .		1
180	Cognitive Information Service: Basic Principles and Implementation of a Cognitive Inter-Node Protocol Optimization Scheme. , 2009, , .		1

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181	Performance evaluation of the DCCP protocol in high-speed networks. , 2010, , .		1
182	Cross-Layer Uplink Scheduler for the IEEE 802.16 Standard. , 2010, , .		1
183	A Content-Oriented Web Cache Policy under P2P Video Distribution Systems. IEEE Latin America Transactions, 2010, 8, 349-357.	1.6	1
184	Scheduling grid applications with software requirements. , 2010, , .		1
185	Performance evaluation of a scheduler for the ONU-BS of integrated EPON-WiMAX networks. , 2011, , .		1
186	Cognitive Rate Adaptation in Wireless LANs. , 2011, , .		1
187	HMARS: A MAC Protocol for Integration of Radio-over-Fiber and Wireless Sensor Networks. IEEE Latin America Transactions, 2012, 10, 1981-1986.	1.6	1
188	CogMAC: a cognitive link layer for wireless local area networks. Wireless Networks, 2013, 19, 1337-1347.	3.0	1
189	A Distributed Envelope-based Admission Control for Multihop IEEE 802.11 Ad Hoc Networks. IEEE Latin America Transactions, 2013, 11, 933-940.	1.6	1
190	Trade-off Between Bandwidth and Energy Consumption Minimization in Virtual Network Mapping. IEEE Latin America Transactions, 2013, 11, 983-988.	1.6	1
191	Medium access control protocol for Hybrid Radio-over-Fiber Wireless Sensors Networks. , 2014, , .		1
192	Inscribed rectangles algorithm for routing, core and spectrum assignment for SDM optical networks. , 2017, , .		1
193	Performance Analysis of a Burst Transmission Mechanism Using Microsleep Operation for Green IEEE 802.11 WLANs. Applied Sciences (Switzerland), 2017, 7, 744.	2.5	1
194	Internet of Things for Environmental Monitoring Based on Radio Over Fiber. , 2018, , .		1
195	Core and Spectrum Allocation for Avoidance of Spectrum Fragmentation in EON-SDM. , 2020, , .		1
196	Random Access Based on Maximum Average Distance Code for Massive MTC in Cellular IoT Networks. IEEE Wireless Communications Letters, 2021, 10, 1852-1856.	5.0	1
197	Performance Evaluation of Ethernet Passive Optical Networks with Multi-ONU Customers. , 2020, , .		1
198	An encoding-aware bitrate adaptation mechanism for video streaming over HTTP. Multimedia Tools and Applications, 0, , 1.	3.9	1

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199	Thresholds: On the Need for Frame Discarding in Cell-Switched Networks. Journal of Network and Systems Management, 2004, 12, 147-154.	4.9	0
200	QRP04-2: Promoting Fairness Among TCP Connections in Optical Packet-Switched Rings. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	0
201	QRP04-1: Periodic Broadcasting Protocols for Clients with Bandwidth Limitation. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	0
202	Identification of the Cut-off Scale of OBS Ingress Traffic. , 2008, , .		0
203	A Fixed-Parameter Tractable Approach for the Wavelength Assignment Problem in Transparent Networks. IEEE Communications Letters, 2008, 12, 523-525.	4.1	0
204	The Least Reusable Channel Burst Scheduling Discipline. , 2008, , .		0
205	Robust hybrid mechanisms for scheduling of grid tasks. , 2011, , .		0
206	A DCCP variant for high speed networks. , 2011, , .		0
207	Fast Algoritms for Resource Allocation in Radio-over-Fiber Access Networks. IEEE Latin America Transactions, 2011, 9, 571-577.	1.6	0
208	On path selection and wavelength assignment in inter-domain lightpath provisioning. , 2012, , .		0
209	Coping with fluctuations in resource availability in grid networks. , 2012, , .		0
210	Robust Hybrid Mechanisms for Scheduling of Grid Tasks. IEEE Latin America Transactions, 2012, 10, 1940-1946.	1.6	0
211	Algorithms for selection and allocation of virtual network requests. , 2013, , .		0
212	Stimulating cooperation in the iPeer TV architecture. , 2013, , .		0
213	Energy-aware de-allocation of lightpaths in WDM networks. , 2014, , .		0
214	Multiple Reverse Direction Transmissions in IEEE 802.11 Wireless Local Area Networks. , 2016, , .		0
215	Network coding-aware IEEE 802.11 MAC protocol using batch transmissions and multiple reverse direction exchanges. , 2016, , .		0
216	On traffic scaling transformation at ingress optical burst switches. Photonic Network Communications, 2016, 32, 9-27.	2.7	0

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217	Wireless Channel Assignment in Smart Home. , 2018, , .		0
218	Efficient Downlink Control Resources Allocation Scheme for Machine-Type Communications in LTE-A Networks. , 2019, , .		0
219	Transmission and Reception Alignment for User Equipment Energy Efficiency in LTE Networks. IEEE Networking Letters, 2019, 1, 146-150.	1.9	0
220	Communication Aspects of Resource Management in Hybrid Clouds. , 2015, , 1827-1851.		0
221	Atualização do simulador LTE-Sim com um modelo de simulação para redes LTE-A com nós retransmissores. Revista Dos Trabalhos De Iniciação Científica Da UNICAMP, 2019, , .	0.0	0
222	Resource Allocation in Space-Division Multiplexing-Based Elastic Optical Networks. , 0, , .		0
223	Bandwidth Management Mechanisms for Ethernet Passive Optical Networks with Multi-ONU Customers. , 0, , .		0
224	Communication Aspects of Resource Management in Hybrid Clouds. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 0, , 409-433.	0.5	0
225	Admission Control and Scheduling for QoS Provisioning in WiMAX Networks. Advances in Wireless Technologies and Telecommunication Book Series, 0, , 183-202.	0.4	0
226	Special issue on selected papers from the IEEE Latin America on Communications (LATINCOM). Photonic Network Communications, 2022, 43, 1.	2.7	0
227	DBA algorithm for the support of multi-tiered bandwidth guarantee in Ethernet passive optical networks. Photonic Network Communications, 2022, 43, 46-58.	2.7	0
228	Performance evaluation of multi-ONU customers in ethernet passive optical networks. Photonic Network Communications, 2022, 43, 34-45.	2.7	0
229	Design of 5G MEC-Based Networks With 1:N:K Protection Scheme. IEEE Transactions on Network and Service Management, 2022, 19, 2478-2491.	4.9	0