NoÃ©lia Correia

List of Publications by Year
in descending order

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77	505	759233 12	752698 20
papers	citations	h-index	g-index

77	77	77	478
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cognitive Load Balancing Approach for 6G MEC Serving IoT Mashups. Mathematics, 2022, 10, 101.	2.2	4
2	On the Fundamental Characteristics of Intelligent Reflecting Surface Enabled MIMO Channels. IEEE Internet of Things Magazine, 2022, 5, 67-72.	2.6	0
3	Attention-based model and deep reinforcement learning for distribution of event processing tasks. Internet of Things (Netherlands), 2022, 19, 100563.	7.7	3
4	Optimization of Mixed Numerology Profiles for 5G Wireless Communication Scenarios. Sensors, 2021, 21, 1494.	3.8	10
5	Resource design in federated sensor networks using RELOAD/CoAP overlay architectures. Computer Communications, 2021, 179, 11-21.	5.1	0
6	Performance Evaluation of Radio Resource Schedulers in LTE and 5G NR Two-Tier HetNets. , 2021, , .		2
7	RELOAD/CoAP architecture for the federation of wireless sensor networks. Peer-to-Peer Networking and Applications, 2020, 13, 27-37.	3.9	1
8	Adaptive Spectrum Allocation for 5G Wireless Communication Scenarios. , 2020, , .		1
9	Radio Resource Scheduling with Deep Pointer Networks and Reinforcement Learning. , 2020, , .		8
10	Deep PC-MAC: A deep reinforcement learning pointer-critic media access protocol. , 2020, , .		1
11	Analysis of Machine Learning Techniques Applied to Sensory Detection of Vehicles in Intelligent Crosswalks. Sensors, 2020, 20, 6019.	3.8	7
12	Flow Setup Aware Controller Placement in Distributed Software-Defined Networking. IEEE Systems Journal, 2020, 14, 5096-5099.	4.6	5
13	Allocation of Resources in SAaaS Clouds Managing Thing Mashups. IEEE Transactions on Network and Service Management, 2020, 17, 1597-1609.	4.9	5
14	Learn to Schedule (LEASCH): A Deep Reinforcement Learning Approach for Radio Resource Scheduling in the 5G MAC Layer. IEEE Access, 2020, 8, 108088-108101.	4.2	45
15	A Distributed CoRE-Based Resource Synchronization Mechanism. IEEE Internet of Things Journal, 2020, 7, 4625-4640.	8.7	3
16	DAG-Coder: Directed Acyclic Graph-Based Network Coding for Reliable Wireless Sensor Networks. IEEE Access, 2020, 8, 21886-21896.	4.2	5
17	Probabilistic Network Coding for Reliable Wireless Sensor Networks. IFIP Advances in Information and Communication Technology, 2020, , 129-136.	0.7	1
18	On the Allocation of Resources in Sensor Clouds Under the Se-aaS Paradigm. Lecture Notes in Computer Science, 2020, , 544-556.	1.3	0

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19	On Load Balancing via Switch Migration in Software-Defined Networking. IEEE Access, 2019, 7, 95998-96010.	4.2	42
20	Design of network coding based reliable sensor networks. Ad Hoc Networks, 2019, 91, 101870.	5.5	8
21	Fractional switch migration in multi-controller software-defined networking. Computer Networks, 2019, 157, 1-10.	5.1	23
22	Resource Allocation Model for Sensor Clouds under the Sensing as a Service Paradigm. Computers, 2019, 8, 18.	3.3	11
23	On Controllersâ€™ Utilization in Software-defined Networking by Switch Migration. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 52-61.	0.3	2
24	Resource Redesign in RELOAD/CoAP Overlays for the Federation of Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 31-40.	0.3	0
25	A Scalable and Reliable Model for the Placement of Controllers in SDN Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 72-82.	0.3	1
26	Modeling of Sensor Clouds Under the Sensing as a Service Paradigm. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 22-30.	0.3	0
27	Interoperability in IoT Through the Semantic Profiling of Objects. IEEE Access, 2018, 6, 19379-19385.	4.2	26
28	A Bounded Heuristic for Collection-Based Routing in Wireless Sensor Networks. IEEE Access, 2018, 6, 29858-29864.	4.2	1
29	Fair Resource Assignment at Sensor Clouds Under the Sensing as a Service Paradigm. IFIP Advances in Information and Communication Technology, 2018, , 167-174.	0.7	0
30	Semantically Enriched Hypermedia APIs for Next Generation IoT. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 19-26.	0.3	0
31	Repeated game theory as a framework for algorithm development in communication networks. International Journal of Communication Systems, 2017, 30, e3043.	2.5	3
32	Resource Design in Constrained Networks for Network Lifetime Increase. IEEE Internet of Things Journal, 2017, 4, 1611-1623.	8.7	8
33	RELOAD/CoAP P2P Overlays for Network Coding Based Constrained Environments. IFIP Advances in Information and Communication Technology, 2017, , 307-315.	0.7	1
34	GACN: Self-Clustering Genetic Algorithm for Constrained Networks. IEEE Communications Letters, 2017, 21, 628-631.	4.1	16
35	Hypermedia APIs for the Web of Things. IEEE Access, 2017, 5, 20058-20067.	4.2	8
36	Semantic web thing architecture. , 2017, , .		4

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37	Planning of Vehicle Routing with Backup Provisioning Using Wireless Sensor Technologies. Information (Switzerland), 2017, 8, 94.	2.9	1
38	Planning the Reassignment of Frequencies in Fiber-Wireless Access Networks. International Journal of Wireless Information Networks, 2016, 23, 199-213.	2.7	0
39	Improving Accessibility through Semantic Crowdsourcing. , 2016, , .		1
40	Data Gathering in Wireless Sensor Networks Using Unmanned Aerial Vehicles. International Journal of Wireless Information Networks, 2016, 23, 297-309.	2.7	21
41	RELOAD/CoAP architecture with resource aggregation/disaggregation service. , 2016, , .		7
42	An Energy-Aware Resource Design Model for Constrained Networks. IEEE Communications Letters, 2016, 20, 1631-1634.	4.1	2
43	Dynamic Aggregation and Scheduling in CoAP/Observe-Based Wireless Sensor Networks. IEEE Internet of Things Journal, 2016, 3, 923-936.	8.7	29
44	Fairness for CoAP/Observe based wireless sensor networks with aggregation deployment. , 2015, , .		3
45	Heuristic approach for data gathering in wireless sensor networks. , 2015, , .		1
46	Correlation-Based Energy Saving Approach for Smart Fiber Wireless Networks. Journal of Optical Communications and Networking, 2015, 7, 525.	4.8	7
47	Aggregation and scheduling in CoAP/Observe based wireless sensor networks. , 2015, , .		11
48	Cross-layer optimization for reliability improvement of data delivery in 6LoWPAN-based networks. , 2015, , .		4
49	Vehicle routing with backup provisioning using wireless sensor infrastructure. , 2014, , .		0
50	Energy efficient routing algorithm for fiber-wireless access networks: A network formation game approach. Computer Networks, 2014, 60, 201-216.	5.1	13
51	Frequency assignment in multi-channel and multi-radio FiWi access networks. , 2014, , .		4
52	A game-based algorithm for fair bandwidth allocation in Fibre-Wireless access networks. Optical Switching and Networking, 2013, 10, 149-162.	2.0	25
53	Load Adaptive and Fault Tolerant Framework for Energy Saving in Fiberâ€“Wireless Access Networks. Journal of Optical Communications and Networking, 2013, 5, 957.	4.8	18
54	Network game based routing for energy efficient Fibre-Wireless access networks. , 2012, , .		4

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55	Design of QoS-Aware Energy-Efficient Fiberâ€“Wireless Access Networks. Journal of Optical Communications and Networking, 2012, 4, 586.	4.8	27
56	A problem reduction approach for the design of fault-tolerant wireless-optical access networks. , 2011, , .		0
57	Forwarding Repeated Game for End-to-End QoS Support in Fiber-Wireless Access Networks. , 2010, , .		5
58	A multi-objective optimization approach for fault-tolerance provisioning in multi-radio hybrid wireless-optical broadband access networks. , 2010, , .		0
59	Sparse traffic grooming in WDM networks using coarse granularity OXCs. Photonic Network Communications, 2009, 17, 49-62.	2.7	3
60	Fault-Tolerance Planning in Multiradio Hybrid Wirelessâ€“Optical Broadband Access Networks. Journal of Optical Communications and Networking, 2009, 1, 645.	4.8	31
61	A heuristic for fault-tolerance provisioning in multi-radio hybrid wireless-optical broadband access network. , 2009, , .		6
62	A Minimization Cost Heuristic Approach for Traffic Grooming in IP-over-WDM Networks. , 2008, , .		0
63	Survivability Mechanisms of Generalized Multiprotocol Label Switching. , 2008, , 593-599.		0
64	Distributed Algorithm for Traffic Grooming in IP-over-WDM Network. , 2007, , .		1
65	A Signaling Architecture for Consumer Oriented Grids Based on Optical Burst Switching. , 2007, , .		2
66	Evaluation and Comparison of Signaling Reservation Protocols for Grid over OBS Networks Employing Active Routers. , 2007, , .		0
67	Cost effectiveness of protection schemes for IP-over-WDM networks. Journal of Optical Networking, 2007, 6, 248.	2.5	0
68	Radio over fiber access network architecture employing reflective semiconductor optical amplifiers. , 2007, , .		15
69	A Manageable and Bandwidth Effective Solution for Traffic Grooming in IP-over-WDM Networks. , 2007, , .		1
70	Effective Protection Using Traffic Grooming Techniques. , 2006, , .		0
71	Protection Schemes for IP-over-WDM Networks: Throughput and Recovery Time Comparison. Photonic Network Communications, 2006, 11, 127-149.	2.7	6
72	Recovery Time Analysis of WDM Protection Schemes. , 2006, , .		1

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73	On the Maximum Protection Problem in IP-over-WDM Networks Using IP LSP Protection. Photonic Network Communications, 2005, 10, 73-85.	2.7	0
74	Survivability in IP-over-WDM Networks: WDM Lightpath Protection versus IP LSP Protection. Fiber and Integrated Optics, 2005, 24, 353-369.	2.5	1
75	Cost analysis of grooming ports for IP-over-WDM network protection. , 2005, , .		0
76	A Resource Efficient Optical Protection Scheme for IP-over-WDM Networks. Lecture Notes in Computer Science, 2003, , 207-216.	1.3	0
77	Traffic grooming applied to network protection: throughput and grooming port cost analysis. , 0, , .		0