

Jetmir Haxhibeqiri

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,262
citations

1040056

9
h-index

1058476

14
g-index

38
all docs

38
docs citations

38
times ranked

1127
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of LoRaWAN for IoT: From Technology to Application. <i>Sensors</i> , 2018, 18, 3995.	3.8	351
2	Scalability Analysis of Large-Scale LoRaWAN Networks in ns-3. <i>IEEE Internet of Things Journal</i> , 2017, 4, 2186-2198.	8.7	243
3	LoRa Scalability: A Simulation Model Based on Interference Measurements. <i>Sensors</i> , 2017, 17, 1193.	3.8	210
4	Low Overhead Scheduling of LoRa Transmissions for Improved Scalability. <i>IEEE Internet of Things Journal</i> , 2019, 6, 3097-3109.	8.7	102
5	LoRa indoor coverage and performance in an industrial environment: Case study. , 2017, , .		83
6	Evaluation of accurate indoor localization systems in industrial environments. , 2017, , .		21
7	DERIVATION OF ELECTROMAGNETIC PROPERTIES OF CHILD BIOLOGICAL TISSUES AT RADIO FREQUENCIES. <i>Progress in Electromagnetics Research Letters</i> , 2011, 25, 87-100.	0.7	17
8	In-Band Network Monitoring Technique to Support SDN-Based Wireless Networks. <i>IEEE Transactions on Network and Service Management</i> , 2021, 18, 627-641.	4.9	17
9	Sub-Gigahertz Inter-Technology Interference. How Harmful is it for LoRa?. , 2018, , .		16
10	A Convolutional Neural Network Approach for Classification of LPWAN Technologies: Sigfox, LoRA and IEEE 802.15.4g. , 2019, , .		16
11	Using SCHC for an optimized protocol stack in multimodal LPWAN solutions. , 2019, , .		16
12	ORCHESTRA: Enabling Inter-Technology Network Management in Heterogeneous Wireless Networks. <i>IEEE Transactions on Network and Service Management</i> , 2018, 15, 1733-1746.	4.9	15
13	LoRaWAN Scheduling: From Concept to Implementation. <i>IEEE Internet of Things Journal</i> , 2021, 8, 12919-12933.	8.7	14
14	Hardware Efficient Clock Synchronization Across Wi-Fi and Ethernet-Based Network Using PTP. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 3808-3819.	11.3	12
15	A Cloud-based Virtual Network Operator for Managing Multimodal LPWA Networks and Devices. , 2018, , .		10
16	Seamless roaming and guaranteed communication using a synchronized single-hop multi-gateway 802.15.4e TSCH network. <i>Ad Hoc Networks</i> , 2019, 86, 1-14.	5.5	10
17	Performance Comparison of RSS Algorithms for Indoor Localization in Large Open Environments. , 2018, , .		9
18	Flexible Wi-Fi Communication among Mobile Robots in Indoor Industrial Environments. <i>Mobile Information Systems</i> , 2018, 2018, 1-19.	0.6	9

#	ARTICLE	IF	CITATIONS
19	An End-To-End LwM2M-Based Communication Architecture for Multimodal NB-IoT/BLE Devices. Sensors, 2020, 20, 2239.	3.8	9
20	Enabling TSN over IEEE 802.11: Low-overhead Time Synchronization for Wi-Fi Clients. , 2021, , .		9
21	Bringing Time-Sensitive Networking to Wireless Professional Private Networks. Wireless Personal Communications, 2021, 121, 1255-1271.	2.7	9
22	Wireless industrial communication for connected shuttle systems in warehouses. , 2017, , .		8
23	Low Overhead, Fine-grained End-to-end Monitoring of Wireless Networks using In-band Telemetry. , 2019, , .		8
24	An SDN-based Framework for Slice Orchestration using In-Band Network Telemetry in IEEE 802.11. , 2020, , .		8
25	To Mesh or not to Mesh: Flexible Wireless Indoor Communication Among Mobile Robots in Industrial Environments. Lecture Notes in Computer Science, 2016, , 325-338.	1.3	8
26	Time-critical communication in 6TiSCH networks. , 2018, , .		7
27	ORCHESTRA: Virtualized and programmable orchestration of heterogeneous WLANs. , 2017, , .		5
28	Wireless handover performance in industrial environments: A case study. , 2016, , .		4
29	High Precision Time Synchronization on Wi-Fi based Multi-Hop Network. , 2021, , .		4
30	Tighter application-network interfacing to drive innovation in networked systems. , 2021, , .		4
31	Demo Abstract: Identification of LPWAN Technologies using Convolutional Neural Networks. , 2019, , .		2
32	Adaptive Transport Layer Protocols using In-band Network Telemetry and eBPF. , 2021, , .		2
33	Impactless Beacon-Based Wireless TSN Association Procedure. , 2022, , .		2
34	DEMO: A Cloud-based Virtual Network Operator for Managing Multimodal LPWANs and Devices. , 2018, , .		1
35	An Energy-Efficient Multi-Modal IoT System Leveraging NB-IoT and BLE. , 2021, , .		1
36	New method to design multiplier-less pulse shaping filters with minimal number of operations. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
37	Multimodal Network Architecture for Shared Situational Awareness amongst Vessels. Sensors, 2021, 21, 6556.	3.8	0
38	Age-of-Information Aware In-band Network Telemetry for Better Network Predictability. , 2021, , .		0