Jetmir Haxhibeqiri

List of Publications by Year
in descending order

38	1,262	1040056 9	1058476 14
papers	citations	h-index	g-index

38	38	38	1127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hardware Efficient Clock Synchronization Across Wi-Fi and Ethernet-Based Network Using PTP. IEEE Transactions on Industrial Informatics, 2022, 18, 3808-3819.	11.3	12
2	Impactless Beacon-Based Wireless TSN Association Procedure. , 2022, , .		2
3	In-Band Network Monitoring Technique to Support SDN-Based Wireless Networks. IEEE Transactions on Network and Service Management, 2021, 18, 627-641.	4.9	17
4	Enabling TSN over IEEE 802.11: Low-overhead Time Synchronization for Wi-Fi Clients. , 2021, , .		9
5	High Precision Time Synchronization on Wi-Fi based Multi-Hop Network. , 2021, , .		4
6	Tighter application-network interfacing to drive innovation in networked systems. , 2021, , .		4
7	LoRaWAN Scheduling: From Concept to Implementation. IEEE Internet of Things Journal, 2021, 8, 12919-12933.	8.7	14
8	Bringing Time-Sensitive Networking to Wireless Professional Private Networks. Wireless Personal Communications, 2021, 121, 1255-1271.	2.7	9
9	An Energy-Efficient Multi-Modal IoT System Leveraging NB-IoT and BLE. , 2021, , .		1
10	Multimodal Network Architecture for Shared Situational Awareness amongst Vessels. Sensors, 2021, 21, 6556.	3.8	0
11	Adaptive Transport Layer Protocols using In-band Network Telemetry and eBPF. , 2021, , .		2
12	Age-of-Information Aware In-band Network Telemetry for Better Network Predictability. , 2021, , .		0
13	An SDN-based Framework for Slice Orchestration using In-Band Network Telemetry in IEEE 802.11. , 2020, , .		8
14	An End-To-End LwM2M-Based Communication Architecture for Multimodal NB-IoT/BLE Devices. Sensors, 2020, 20, 2239.	3.8	9
15	A Convolutional Neural Network Approach for Classification of LPWAN Technologies: Sigfox, LoRA and IEEE 802.15.4g. , 2019, , .		16
16	Demo Abstract: Identification of LPWAN Technologies using Convolutional Neural Networks. , 2019, , .		2
17	Low Overhead, Fine-grained End-to-end Monitoring of Wireless Networks using In-band Telemetry. , 2019, , .		8
18	Using SCHC for an optimized protocol stack in multimodal LPWAN solutions. , 2019, , .		16

#	Article	IF	Citations
19	Low Overhead Scheduling of LoRa Transmissions for Improved Scalability. IEEE Internet of Things Journal, 2019, 6, 3097-3109.	8.7	102
20	Seamless roaming and guaranteed communication using a synchronized single-hop multi-gateway 802.15.4e TSCH network. Ad Hoc Networks, 2019, 86, 1-14.	5.5	10
21	A Cloud-based Virtual Network Operator for Managing Multimodal LPWA Networks and Devices. , 2018, , .		10
22	Sub-Gigahertz Inter-Technology Interference. How Harmful is it for LoRa?. , 2018, , .		16
23	DEMO: A Cloud-based Virtual Network Operator for Managing Multimodal LPWANs and Devices. , 2018, , .		1
24	Performance Comparison of RSS Algorithms for Indoor Localization in Large Open Environments. , 2018, , .		9
25	A Survey of LoRaWAN for IoT: From Technology to Application. Sensors, 2018, 18, 3995.	3.8	351
26	Time-critical communication in 6TiSCH networks. , 2018, , .		7
27	Flexible Wi-Fi Communication among Mobile Robots in Indoor Industrial Environments. Mobile Information Systems, 2018, 2018, 1-19.	0.6	9
28	ORCHESTRA: Enabling Inter-Technology Network Management in Heterogeneous Wireless Networks. IEEE Transactions on Network and Service Management, 2018, 15, 1733-1746.	4.9	15
29	Wireless industrial communication for connected shuttle systems in warehouses. , 2017, , .		8
30	Scalability Analysis of Large-Scale LoRaWAN Networks in ns-3. IEEE Internet of Things Journal, 2017, 4, 2186-2198.	8.7	243
31	Evaluation of accurate indoor localization systems in industrial environments. , 2017, , .		21
32	ORCHESTRA: Virtualized and programmable orchestration of heterogeneous WLANs. , 2017, , .		5
33	LoRa indoor coverage and performance in an industrial environment: Case study. , 2017, , .		83
34	LoRa Scalability: A Simulation Model Based on Interference Measurements. Sensors, 2017, 17, 1193.	3.8	210
35	Wireless handover performance in industrial environments: A case study. , 2016, , .		4
36	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

#	Article	IF	Citations
37	New method to design multiplier-less pulse shaping filters with minimal number of operations. , 2015, , .		0
38	DERIVATION OF ELECTROMAGNETIC PROPERTIES OF CHILD BIOLOGICAL TISSUES AT RADIO FREQUENCIES. Progress in Electromagnetics Research Letters, 2011, 25, 87-100.	0.7	17