

Marco Centenaro

List of Publications by Year in descending order

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33
papers

1,684
citations

932766

10
h-index

940134

16
g-index

33
all docs

33
docs citations

33
times ranked

1840
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-range communications in unlicensed bands: the rising stars in the IoT and smart city scenarios. IEEE Wireless Communications, 2016, 23, 60-67.	6.6	826
2	The challenges of M2M massive access in wireless cellular networks. Digital Communications and Networks, 2015, 1, 1-19.	2.7	214
3	Performance evaluation of LoRa networks in a smart city scenario. , 2017, , .		207
4	A Survey on Technologies, Standards and Open Challenges in Satellite IoT. IEEE Communications Surveys and Tutorials, 2021, 23, 1693-1720.	24.8	135
5	M2M massive access in LTE: RACH performance evaluation in a Smart City scenario. , 2016, , .		32
6	Comparison of Collision-Free and Contention-Based Radio Access Protocols for the Internet of Things. IEEE Transactions on Communications, 2017, 65, 3832-3846.	4.9	31
7	System-Level Study of Data Duplication Enhancements for 5G Downlink URLLC. IEEE Access, 2020, 8, 565-578.	2.6	27
8	On the impact of downlink feedback on LoRa performance. , 2017, , .		26
9	Scheduling Enhancements and Performance Evaluation of Downlink 5G Time-Sensitive Communications. IEEE Access, 2020, 8, 128106-128115.	2.6	24
10	A study on M2M traffic and its impact on cellular networks. , 2015, , .		19
11	Energy-based anchor node selection for IoT physical layer authentication. , 2016, , .		16
12	Time-Power Multiplexing for LoRa-Based IoT Networks: An Effective Way to Boost LoRaWAN Network Capacity. International Journal of Wireless Information Networks, 2019, 26, 308-318.	1.8	14
13	Analysis of 5G Radio Access Protocols for Uplink URLLC in a Connection-Less Mode. IEEE Transactions on Wireless Communications, 2020, 19, 3104-3117.	6.1	13
14	Worldwide Connectivity for the Internet of Things Through LoRaWAN. Future Internet, 2019, 11, 57.	2.4	12
15	Performance Evaluation of HARQ Schemes for the Internet of Things. Computers, 2018, 7, 48.	2.1	11
16	Boosting Network Capacity in LoRaWAN Through Time-Power Multiplexing. , 2018, , .		10
17	Distributed Learning Algorithms for Optimal Data Routing in IoT Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2020, 6, 179-195.	1.6	10
18	Location-Privacy Leakage and Integrated Solutions for 5G Cellular Networks and Beyond. Sensors, 2021, 21, 5176.	2.1	10

#	ARTICLE	IF	CITATIONS
19	Towards a 5G Communication Architecture for the Internet of Musical Things. , 2020, , .		9
20	Beyond private 5G networks: applications, architectures, operator models and technological enablers. Eurasip Journal on Wireless Communications and Networking, 2021, 2021, 195.	1.5	8
21	A comparison between opportunistic and fair resource allocation scheduling for LTE. , 2014, , .		5
22	A Comparison of Energy-Efficient HARQ Protocols for M2M Communication in the Finite Block-Length Regime. , 2015, , .		5
23	Joint Optimization of Lossy Compression and Transport in Wireless Sensor Networks. , 2016, , .		5
24	Location-Verification and Network Planning via Machine Learning Approaches. , 2019, , .		5
25	HARQ in LTE uplink: A simple and effective modification suitable for low mobility users. , 2015, , .		2
26	Predictive Voice-Over-Internet Protocol Fallback Over Vehicular Channels: Employing Artificial Intelligence at the Edge of 5G Networks. IEEE Vehicular Technology Magazine, 2020, 15, 72-78.	2.8	2
27	Safety-Related Cooperative, Connected, and Automated Mobility Services: Interplay Between Functional and Security Requirements. IEEE Vehicular Technology Magazine, 2021, 16, 78-88.	2.8	2
28	Impact of correlated primary transmissions on the design of a cognitive radio inference engine. , 2016, , .		1
29	Analysis of small packet traffic support in LTE. , 2017, , .		1
30	A Spectrum-Edge Detection Approach to Cell Search in LTE. , 2018, , .		1
31	Smart Card-Based Identity Management Protocols for V2V and V2I Communications in CCAM: A Systematic Literature Review. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10086-10103.	4.7	1
32	A study on CSI feedback schemes exploiting feedforward information in FDD cellular systems. Transactions on Emerging Telecommunications Technologies, 2021, 32, .	2.6	0
33	Channel-Quality Reporting Enabled by Machine Learning in Non-Stationary Environments. , 2020, , .		0