

Bassel Al Homssi

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

220
citations

1478505

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h-index

1372567

10
g-index

16
all docs

16
docs citations

16
times ranked

103
citing authors

#	ARTICLE	IF	CITATIONS
1	IoT Coverage Enhancement Using Repetition in Energy Constrained Devices: An Analytic Approach. IEEE Transactions on Green Communications and Networking, 2022, 6, 1122-1131.	5.5	1
2	Improving IoT-Over-Satellite Connectivity Using Frame Repetition Technique. IEEE Wireless Communications Letters, 2022, 11, 736-740.	5.0	5
3	Optimal Beamwidth and Altitude for Maximal Uplink Coverage in Satellite Networks. IEEE Wireless Communications Letters, 2022, 11, 771-775.	5.0	6
4	Next Generation Mega Satellite Networks for Access Equality: Opportunities, Challenges, and Performance. IEEE Communications Magazine, 2022, 60, 18-24.	6.1	43
5	Machine Learning Framework for Sensing and Modeling Interference in IoT Frequency Bands. IEEE Internet of Things Journal, 2021, 8, 4461-4471.	8.7	26
6	Modeling Uplink Coverage Performance in Hybrid Satellite-Terrestrial Networks. IEEE Communications Letters, 2021, 25, 3239-3243.	4.1	14
7	A Framework for the Design and Deployment of Large-Scale LPWAN Networks for Smart Cities Applications. IEEE Internet of Things Magazine, 2021, 4, 53-59.	2.6	13
8	Optimal Repetition Rate for Maximal Coverage. IEEE Wireless Communications Letters, 2021, 10, 800-804.	5.0	6
9	LoRa Signal Demodulation Using Deep Learning, a Time-Domain Approach. , 2021, , .		8
10	IoT Network Design Using Open-Source LoRa Coverage Emulator. IEEE Access, 2021, 9, 53636-53646.	4.2	38
11	On the Bound of Energy Consumption in Cellular IoT Networks. IEEE Transactions on Green Communications and Networking, 2020, 4, 355-364.	5.5	20
12	Evaluating Coverage Performance of NB-IoT in the ISM-band. , 2020, , .		10
13	Energy-Efficient IoT for 5G: A Framework for Adaptive Power and Rate Control. , 2018, , .		10
14	Free Spectrum for IoT: How Much Can It Take?. , 2018, , .		15