Eddie Ball

List of Publications by Year
in descending order

14 papers	122 citations	1478505 6 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	88 citing authors

#	Article	IF	Citations
1	Latency and Performance Analyses of Real-World Wireless IoT-Blockchain Application. IEEE Sensors Journal, 2020, 20, 7372-7383.	4.7	29
2	A Secure Blockchain Platform for Supporting AI-Enabled IoT Applications at the Edge Layer. IEEE Access, 2022, 10, 18583-18595.	4.2	20
3	The Use of Blockchain to Support Distributed AI Implementation in IoT Systems. IEEE Internet of Things Journal, 2022, 9, 14790-14802.	8.7	13
4	Highly Portable, Low-Cost SDR Instrument for RF Propagation Studies. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5446-5457.	4.7	10
5	Securing IoT-Blockchain Applications Through Honesty-Based Distributed Proof of Authority Consensus Algorithm. , 2021, , .		10
6	Automatic modulation classification using techniques from image classification. IET Communications, 2022, 16, 1303-1314.	2.2	9
7	Channel sounder for 5.5‰GHz wireless channels. IET Communications, 2003, 150, 253.	1.0	7
8	A Technique to Control the Harmonic Levels in Time-Modulated Antenna Arrays—Theoretical Concept and Hardware Verification Platform. IEEE Transactions on Antennas and Propagation, 2020, 68, 5375-5386.	5.1	6
9	Design and field trial measurement results for a portable and low‐cost very‐high‐frequency/ultra‐high‐frequency channel sounder platform for Internet of things propagation research. IET Microwaves, Antennas and Propagation, 2019, 13, 714-724.	1.4	5
10	The Meta Distribution of the Signal-to-Interference Ratio for Long Range Wide Area Networks With Power Control. IEEE Transactions on Industrial Informatics, 2021, 17, 2579-2586.	11.3	4
11	IoT focused VHF and UHF propagation study and comparisons. IET Microwaves, Antennas and Propagation, 2021, 15, 871-884.	1.4	4
12	Highly Portable Software Defined Radio Test Bed for Dual Band Propagation Studies. , 2018, , .		3
13	Portable and Low Cost Channel Sounding Platform for VHF / UHF IoT Propagation Research. , 2017, , .		2
14	A tractable stochastic geometry model of coverage and an approach to energy efficiency estimation in LPWAN networks. International Journal of Sensor Networks, 2020, 33, 211.	0.4	0