

Ferdous Hossain

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

325
citations

1039880

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h-index

839398

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21
all docs

21
docs citations

21
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	A Method for Temporal Fault Tree Analysis Using Intuitionistic Fuzzy Set and Expert Elicitation. IEEE Access, 2020, 8, 980-996.	2.6	67
2	Review of Indoor Positioning: Radio Wave Technology. Applied Sciences (Switzerland), 2021, 11, 279.	1.3	66
3	An Efficient 3-D Ray Tracing Method: Prediction of Indoor Radio Propagation at 28 GHz in 5G Network. Electronics (Switzerland), 2019, 8, 286.	1.8	40
4	A Comprehensive Review of Efficient Ray-Tracing Techniques for Wireless Communication. International Journal on Communications Antenna and Propagation, 2018, 8, 123.	0.2	26
5	A novel 3D ray launching technique for radio propagation prediction in indoor environments. PLoS ONE, 2018, 13, e0201905.	1.1	21
6	Indoor Millimeter-Wave Propagation Prediction by Measurement and Ray Tracing Simulation at 38 GHz. Symmetry, 2018, 10, 464.	1.1	18
7	A Smart 3D RT Method: Indoor Radio Wave Propagation Modelling at 28 GHz. Symmetry, 2019, 11, 510.	1.1	12
8	Dynamic Thresholding based Adaptive Canny Edge Detection. International Journal of Computer Applications, 2016, 135, 37-41.	0.2	12
9	Outdoor-to-Indoor and Indoor-to-Indoor Propagation Path Loss Modeling Using Smart 3D Ray Tracing Algorithm at 28 GHz mmWave. Arabian Journal for Science and Engineering, 2020, 45, 10223-10232.	1.7	9
10	3D RT adaptive path sensing Method: RSSI modelling validation at 4.5 GHz, 28 GHz, and 38 GHz. AEJ - Alexandria Engineering Journal, 2022, 61, 11041-11061.	3.4	9
11	An Efficient Shortest Path Algorithm: Multi-Destinations in an Indoor Environment. Symmetry, 2021, 13, 421.	1.1	7
12	A UWB Antenna Array Integrated with Multimode Resonator Bandpass Filter. Electronics (Switzerland), 2021, 10, 607.	1.8	6
13	A Survey of Machine Learning Techniques for Self-tuning Hadoop Performance. International Journal of Electrical and Computer Engineering, 2018, 8, 1854.	0.5	6
14	Indoor 3-D RT Radio Wave Propagation Prediction Method: PL and RSSI Modeling Validation by Measurement at 4.5 GHz. Electronics (Switzerland), 2019, 8, 750.	1.8	5
15	Smartphone-Based Context Flow Recognition for Outdoor Parking System with Machine Learning Approaches. Electronics (Switzerland), 2019, 8, 784.	1.8	5
16	A Review on IoT with Big Data Analytics. , 2021, , .		4
17	FR-4 Substrate Based Modified Ultrawideband Antenna with Gain Enhancement for Wireless Applications. Journal of Engineering Science and Technology Review, 2019, 12, 108-112.	0.2	4
18	A Comparative Survey on Indoor Object Location Tracking Techniques and Technologies. , 2020, , .		3

#	ARTICLE	IF	CITATIONS
19	Hardware Design and Implementation of Adaptive Canny Edge Detection Algorithm. International Journal of Computer Applications, 2015, 124, 31-38.	0.2	3
20	Self sustainable energy harvesting system. , 2018, , .		1
21	Design and Analysis of Wideband Dielectric Resonator Antenna with Bandwidth and Gain Enhancement for C-Band Applications. International Review on Modelling and Simulations, 2018, 11, 352.	0.2	1