M D Rafiqul Islam

List of Publications by Year
in descending order

26 papers	**359** citations	1040056 **9** h-index
26 all docs	**26** docs citations	**26** times ranked

794594
19
g-index

283
citing authors

#	Article	IF	Citations
1	Real Measurement Study for Rain Rate and Rain Attenuation Conducted Over 26 GHz Microwave 5G Link System in Malaysia. IEEE Access, 2018, 6, 19044-19064.	4.2	93
2	A Systematic Review of Breast Cancer Detection Using Thermography and Neural Networks. IEEE Access, 2020, 8, 208922-208937.	4.2	52
3	Modification of Distance Factor in Rain Attenuation Prediction for Short-Range Millimeter-Wave Links. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1027-1031.	4.0	29
4	Availability Assessment of Free-Space-Optics Links With Rain Data From Tropical Climates. Journal of Lightwave Technology, 2017, 35, 4282-4288.	4.6	28
5	Wearable Textile Patch Antenna: Challenges and Future Directions. IEEE Access, 2022, 10, 38406-38427.	4.2	20
6	Review of Rain Attenuation Studies in Tropical and Equatorial Regions in Malaysia: An Overview. IEEE Antennas and Propagation Magazine, 2013, 55, 103-113.	1.4	19
7	Rain Fade Slope Model in Satellite Path Based on Data Measured in Heavy Rain Zone. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 50-53.	4.0	18
8	TOPSIS-Based Service Arbitration for Autonomic Internet of Things. IEEE Access, 2016, 4, 1313-1320.	4.2	18
9	Millimetre-Wave Propagation Channel Based on NYUSIM Channel Model With Consideration of Rain Fade in Tropical Climates. IEEE Access, 2022, 10, 1990-2005.	4.2	11
10	Self-Detection of Early Breast Cancer Application with Infrared Camera and Deep Learning. Electronics (Switzerland), 2021, 10, 2538.	3.1	9
11	Design of Capacitance to Voltage Converter for Capacitive Sensor Transducer. American Journal of Applied Sciences, 2010, 7, 1353-1357.	0.2	8
12	Security Analysis of LNMNT-LightWeight Crypto Hash Function for IoT. IEEE Access, 2021, 9, 165754-165765.	4.2	7
13	Effects of wind velocity on slant path rain-attenuation for satellite application in Malaysia. Acta Astronautica, 2015, 117, 402-407.	3.2	6
14	Signal Attenuation Prediction Model for a 22 GHz Terrestrial Communication Link in Sudan Due to Dust and Sand Storms Using Machine Learning. IEEE Access, 2021, 9, 164632-164642.	4.2	6
15	Design of UWB microstrip patch antenna with variable band notched characteristics. Telkomnika (Telecommunication Computing Electronics and Control), 2021, 19, 357.	0.8	5
16	Effects of humidity on sand and dust storm attenuation predictions based on 14 GHz measurement. Telkomnika (Telecommunication Computing Electronics and Control), 2021, 19, 364.	0.8	5
17	Microelectrical Mechanical Systems Switch for Designing Multi-Band Antenna. Journal of Computer Science, 2009, 5, 479-486.	0.6	5
18	Jammer Localization Using Wireless Devices with Mitigation by Self-Configuration. PLoS ONE, 2016, 11, e0160311.	2.5	4

#	Article	IF	Citations
19	Energy Harvesting Network With Wireless Distributed Computing. IEEE Systems Journal, 2019, 13, 2605-2616.	4.6	4
20	Effect of Dust Storm Intensity Variations on Total Path Attenuation Prediction. IEEE Transactions on Antennas and Propagation, 2022, 70, 2884-2890.	5.1	3
21	Parameterized indoor propagation model for mobile communication links. Microwave and Optical Technology Letters, 2016, 58, 823-826.	1.4	2
22	Rain fade duration prediction models for A high elevation angle based on measured data in tropical climate. Advances in Space Research, 2018, 62, 1879-1883.	2.6	2
23	Mitigation of multipath fading in indoor radiometric fingerprinting systems. Computers and Electrical Engineering, 2019, 73, 46-57.	4.8	2
24	Enhanced Vein Detection from Video Sequences. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 8, 420.	0.8	2
25	A novel printed antenna for ultrawideband RFID (UWBâ€RFID) tag. Microwave and Optical Technology Letters, 2010, 52, 2528-2531.	1.4	1
26	Evaluation of MACâ€™s Distributed Queuing Algorithm for Internet of Things Applications. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 966.	0.8	0