

Mohd Hafiz Baharuddin

List of Publications by Year in descending order

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219
citing authors

#	ARTICLE	IF	CITATIONS
1	An Internet of Things Based Smart Waste Management System Using LoRa and Tensorflow Deep Learning Model. IEEE Access, 2020, 8, 148793-148811.	4.2	115
2	Polarization insensitive symmetrical structured double negative (DNG) metamaterial absorber for Ku-band sensing applications. Scientific Reports, 2022, 12, 479.	3.3	37
3	Challenges of time domain measurement of field-field correlation for complex PCBs. , 2015, , .		23
4	Wigner-Function-Based Propagation of Stochastic Field Emissions From Planar Electromagnetic Sources. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 580-588.	2.2	23
5	Quad-Band Polarization-Insensitive Square Split-Ring Resonator (SSRR) with an Inner Jerusalem Cross Metamaterial Absorber for Ku- and K-Band Sensing Applications. Sensors, 2022, 22, 4489.	3.8	23
6	Localization of the equivalent sources on the PCB surface by using ultra-wideband time domain near-field measurements. , 2016, , .		22
7	Wide-Oblique-Incident-Angle Stable Polarization-Insensitive Ultra-Wideband Metamaterial Perfect Absorber for Visible Optical Wavelength Applications. Materials, 2022, 15, 2201.	2.9	22
8	Near-Field Scanning and Propagation of Correlated Low-Frequency Radiated Emissions. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 2045-2048.	2.2	17
9	Measurement of Near-Field Electromagnetic Emissions and Characterization Based on Equivalent Dipole Model in Time-Domain. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 1237-1246.	2.2	15
10	Metamaterial based on an inverse double V loaded complementary square split ring resonator for radar and Wi-Fi applications. Scientific Reports, 2021, 11, 21782.	3.3	14
11	Near-field scanning of stochastic fields considering reduction of complexity. , 2017, , .		13
12	Correlation measurement and evaluation of stochastic electromagnetic fields. , 2016, , .		11
13	Stochastic electromagnetic field propagation measurement and modelling. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170455.	3.4	11
14	Near-field correlation measurement and evaluation of stationary and cyclostationary stochastic electromagnetic fields. , 2016, , .		9
15	Measurement and Wigner function analysis of field-field correlation for complex PCBs in near field. , 2016, , .		9
16	Time domain measurement of near field emissions from complex PCBs. , 2016, , .		7
17	Measurement and analysis of electromagnetic field-field correlation functions. , 2015, , .		3
18	Reducing the complexity of near-field scanning of stochastic fields. , 2017, , .		3

#	ARTICLE	IF	CITATIONS
19	Propagation methods for stochastic field emissions and source reconstruction. , 2017, , .		1
20	Analysis of Nonstationary Emissions for Efficient Characterization of Stochastic EM Fields. , 2018, , .		1
21	Characterization of EM field above a single aperture or air-vents of an enclosure for a variable degree of correlation between stochastic sources inside. , 2017, , .		0
22	Exploratory Data Analysis on Stochastic Emissions Near-Field Scanning Measurements. , 2018, , .		0
23	Calibration of the loop probe for the near-field measurement. International Journal of Microwave and Wireless Technologies, 2020, 12, 878-884.	1.9	0
24	Split L-I square shaped compact metamaterial for Cube satellite applications. , 2020, , .		0
25	Impact of Mode of Operations on the Electromagnetic Emissions of a Complex Electronic Device. , 2020, , .		0
26	Automatic Segmentation of Nonstationary EM Emission of Electronics Product. IEEE Access, 2022, 10, 40456-40466.	4.2	0
27	Phase Margin Estimation of Linear Voltage Regulator Using Noninvasive Stability Measurement and Optimized Regression. , 2022, , .		0