Shuguo Xie

List of Publications by Year
in descending order

38	140	1307594	1281871
38	**140**	**7**	**11**
papers	citations	h-index	g-index

39	39	39	88
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Basic Emission Waveform Theory: A Novel Interpretation and Source Identification Method for Electromagnetic Emission of Complex Systems. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1330-1339.	2.2	37
2	Tri-Comb and Quad-Comb Generation Based on a Multi-Dimensional Multiplexed Mode-Locked Laser. Journal of Lightwave Technology, 2019, 37, 5178-5184.	4.6	17
3	Localization and Frequency Identification of Large-Range Wide-Band Electromagnetic Interference Sources in Electromagnetic Imaging System. Electronics (Switzerland), 2019, 8, 499.	3.1	13
4	Recognition of UAV Video Signal Using RF Fingerprints in the Presence of WiFi Interference. IEEE Access, 2021, 9, 88844-88851.	4.2	12
5	A Fast Calculation Method for the Receiving Mutual Impedances of Uniform Circular Arrays. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 893-896.	4.0	8
6	DOA Estimation Based on Weighted l1-norm Sparse Representation for Low SNR Scenarios. Sensors, 2021, 21, 4614.	3.8	8
7	A Frequency Recovering Method for Photonic Under-Sampling E-Field Measurement. IEEE Sensors Journal, 2021, 21, 13495-13505.	4.7	7
8	A Space-Variant Deblur Method for Focal-Plane Microwave Imaging. Applied Sciences (Switzerland), 2018, 8, 2166.	2.5	5
9	Mutual coupling analysis of Adcock Watson Watt direction finding system based on the receiving mutual impedance. , 2012, , .		3
10	A Parametric Conducted Emission Modeling Method of a Switching Model Power Supply (SMPS) Chip by a Developed Vector Fitting Algorithm. Electronics (Switzerland), 2019, 8, 725.	3.1	3
11	Joint Estimation Method for Frequency and DOA of Virtual Antenna Array in Space-Time Domain. , 2019, , .		3
12	Multi-Frequency Electric Field Measurement Method for Optical Under-Sampling System. IEEE Sensors Journal, 2021, 21, 23024-23036.	4.7	3
13	A study on EMC stress-strength interference model and EMC reliability. , 2012, , .		2
14	A developed phase differences interpolation algorithm in the correlative interferometer. , 2012, , .		2
15	A novel nonlinear macromodeling using time piecewise volterra series representation. IEEJ Transactions on Electrical and Electronic Engineering, 2014, 9, 664-669.	1.4	2
16	Electric field sensor based on evanescent field of micro-nano fiber and electro-optic polymer. , 2017, , .		2
17	Wideband Rapid Electric Field Measurement with High Sensitivity based on Optical Frequency Comb. , 2018, , .		2
18	Coherent Noise Suppression Using Adaptive Homomorphic Filtering for Wideband Electromagnetic Imaging System. Sensors, 2019, 19, 4469.	3.8	2

#	Article	IF	Citations
19	Frequency Estimation Method for Wideband Microwave Camera. IEEE Transactions on Antennas and Propagation, 2021, 69, 6838-6847.	5.1	2
20	Approximate surface-current distributions of rectangular dipole antennas. , 2011, , .		1
21	Research on EMC optimization of high speed PCB design. , 2011, , .		1
22	A method of point spread function estimation for wideband electromagnetic distribution. , 2016, , .		1
23	A novel broadband macro‐modeling using piecewise vector fitting. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 80-86.	1.4	1
24	A super resolution algorithm based on L-R iteration geometric mean in electromagnetic imaging. , 2017, , .		1
25	EMI Spectrum Identification and Suppression Methods for Synchronous Buck Converter. , 2019, , .		1
26	Broadband Multi-frequency Electric Field Measurement Using Dual Optical Frequency Combs. , 2019, , .		1
27	Analysis of image frequency interference in altimeter front-end receiver. , 2008, , .		0
28	A feed method for thin-wire model of transmission-line matrix. , 2010, , .		0
29	Modeling and simulation of power distribution plane impedance. , 2011, , .		0
30	Design of the Electromagnetic Compatibility Detection and Diagnosis System Based on LabVIEW. , 2012, , .		0
31	Design of low-voltage CMOS amplifier with high EMI immunity. , 2014, , .		0
32	Piece-wise vector fitting method with binary frequency domain partitioning algorithm for automatic modeling. , 2016, , .		0
33	Study on the simulation based radio wave multipath extracting method. , 2016, , .		0
34	GPU acceleration for phase retrieval for electromagnetic interference source image. , 2016, , .		0
35	Adaptive wideband homomorphic filtering for electromagnetic interference source imaging testing system. , 2018, , .		0
36	An Electromagnetic Compatibility Rectification Example of a Servo Sub-system. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
37	Multifrequency E-Field Measurement by Optical Under-Sampling System. , 2021, , .		0
38	Space-Frequency Domain Non-blind Method For Wideband Electromagnetic Imaging Restoration. , 2021, , .		0