

Jaleddine Ben Hadj Slama

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

788
citations

1039880

9
h-index

580701

25
g-index

26
all docs

26
docs citations

26
times ranked

864
citing authors

#	ARTICLE	IF	CITATIONS
1	Hour-ahead wind power forecast based on random forests. <i>Renewable Energy</i> , 2017, 109, 529-541.	4.3	256
2	Day-ahead load forecast using random forest and expert input selection. <i>Energy Conversion and Management</i> , 2015, 103, 1040-1051.	4.4	244
3	Fault Detection Methods for Three-Level NPC Inverter Based on DC-Bus Electromagnetic Signatures. <i>IEEE Transactions on Industrial Electronics</i> , 2018, 65, 5224-5236.	5.2	78
4	Facial Expression Recognition for Intelligent Tutoring Systems in Remote Laboratories Platform. <i>Procedia Computer Science</i> , 2015, 73, 274-281.	1.2	40
5	A Third-Order MAF Based QT1-PLL That is Robust Against Harmonically Distorted Grid Voltage With Frequency Deviation. <i>IEEE Transactions on Energy Conversion</i> , 2021, 36, 1600-1613.	3.7	23
6	Enhancement of Time-Domain Electromagnetic Inverse Method for Modeling Circuits Radiations. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2016, 58, 534-542.	1.4	20
7	Design Optimization of Multiple-Layer PSCs With Minimal Losses for Efficient and Robust Inductive Wireless Power Transfer. <i>IEEE Access</i> , 2018, 6, 31924-31934.	2.6	19
8	Conducted and radiated EMI evolution of power RF N-LDMOS after accelerated ageing tests. <i>Microelectronics Reliability</i> , 2013, 53, 1793-1797.	0.9	17
9	Automotive decentralized diagnosis based on CAN real-time analysis. <i>Journal of Systems Architecture</i> , 2019, 98, 249-258.	2.5	11
10	Experimental investigation on the evolution of a conducted-EMI buck converter after thermal aging tests of the MOSFET. <i>Microelectronics Reliability</i> , 2015, 55, 1391-1394.	0.9	9
11	Open-Circuit Fault Detection and Isolation Method for Five-Level PUC Inverter Based on the Wavelet Packet Transform of the Radiated Magnetic Field. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-11.	2.4	9
12	Time domain inverse method based on the near field technique to solve electromagnetic interference problems: application to an AC/DC flyback converter. <i>IET Power Electronics</i> , 2018, 11, 2133-2139.	1.5	8
13	The effect of emotional analysis on the improvement of experimental e-learning systems. <i>Computer Applications in Engineering Education</i> , 2019, 27, 303-318.	2.2	7
14	Evaluating Content-centric Communication Over Power Line Communication Infrastructure for Smart Grids. <i>Procedia Computer Science</i> , 2015, 73, 217-225.	1.2	6
15	Clamping diodes failure identification based on the discrete wavelet decomposition of the magnetic near-field. <i>IET Power Electronics</i> , 2019, 12, 1141-1148.	1.5	6
16	IMPROVING CONVERGENCE TIME OF THE ELECTROMAGNETIC INVERSE METHOD BASED ON GENETIC ALGORITHM USING THE PZMI AND NEURAL NETWORK. <i>Progress in Electromagnetics Research B</i> , 2013, 51, 389-406.	0.7	5
17	Electromagnetic Time Reversal in the Near Field: Characterization of Transient Disturbances in Power Electronics. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2020, 62, 1869-1878.	1.4	5
18	Contribution of the PSO in the electromagnetic inverse method in terms of convergence and simplicity of implementation. <i>Journal of Electromagnetic Waves and Applications</i> , 2014, 28, 2339-2349.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Conducted EMI mitigation in transformerless PV inverters based on intrinsic MOSFET parameters. <i>Microelectronics Reliability</i> , 2020, 114, 113876.	0.9	4
20	Automatic PCB Layout Optimization of a DC-DC Converter Through Genetic Algorithm Regarding EMC Constraints. <i>IEEE Access</i> , 2021, 9, 149870-149882.	2.6	4
21	Evolution study of the ElectroMagnetic Interference for RF LDMOS in series chopper application after thermal accelerated tests. <i>Microelectronics Reliability</i> , 2016, 64, 93-97.	0.9	3
22	Conducted EMI evolution of power SiC MOSFET in a Buck converter after short-circuit aging tests. <i>Microelectronics Reliability</i> , 2018, 88-90, 219-224.	0.9	3
23	Electromagnetic interference-based comparative study between transformerless H5 and optimised H5 grid-connected photovoltaic inverters. <i>IET Science, Measurement and Technology</i> , 2021, 15, 343-351.	0.9	3
24	Decode and Forward Relay-Assisted Power-Line Communication. <i>Procedia Computer Science</i> , 2015, 73, 209-216.	1.2	2
25	Performance evaluation of a hybrid IP/SDN network in data centre network architectures. <i>IET Communications</i> , 2019, 13, 1185-1191.	1.5	2
26	Calculations of near-field emissions in frequency-domain into time-dependent data with arbitrary wave form transient perturbations. <i>Advanced Electromagnetics</i> , 2012, 1, 26.	0.7	0