

Hermes JosÃ© Loschi

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

359
citations

1040056

9
h-index

839539

18
g-index

37
all docs

37
docs citations

37
times ranked

330
citing authors

#	ARTICLE	IF	CITATIONS
1	Current sensor optimization based on simulated transfer function under partial discharge pulses. Sensors and Actuators A: Physical, 2021, 329, 112825.	4.1	7
2	Electromagnetic Fields on 3-Phase Induction Motor Using Finite Element Analysis. , 2021, , .		2
3	Nondestructive Diagnosis and Analysis of Computed Microtomography Images via Texture Descriptors. , 2021, , 249-261.		4
4	Building Bridges and Remediating Illiteracy: How Intergenerational Cooperation Foster Better Engineering Professionals. , 2021, , 29-39.		2
5	A Simulation for Parameters Extraction of Double-Layer Shielded Power Cable using FEA. , 2021, , .		0
6	The Influence of Spread-Spectrum Modulation on the G3-PLC Performance. , 2021, , .		1
7	Radiated and Conducted EMI by RF Fields at Hospital Environment. , 2021, , .		1
8	Low-Frequency Envelope of DC/DC Converters due Differences in the Control Hardware Features. , 2021, , .		1
9	A novel method for EMI evaluation in random modulated power electronic converters. Measurement: Journal of the International Measurement Confederation, 2020, 151, 107098.	5.0	19
10	Aggregated Conducted Electromagnetic Interference Generated by DC/DC Converters with Deterministic and Random Modulation. Energies, 2020, 13, 3698.	3.1	7
11	Entropy-Based Breast Cancer Detection in Digital Mammograms Using World Cup Optimization Algorithm. International Journal of Swarm Intelligence Research, 2020, 11, 1-18.	0.7	33
12	PCB-integrated non-destructive microwave sensor for liquid dielectric spectroscopy based on planar metamaterial resonator. Sensors and Actuators A: Physical, 2020, 312, 112112.	4.1	45
13	FPGA-Based System for Electromagnetic Interference Evaluation in Random Modulated DC/DC Converters. Energies, 2020, 13, 2389.	3.1	19
14	Computer-aided Diagnosis of Skin Cancer: A Review. Current Medical Imaging, 2020, 16, 781-793.	0.8	82
15	Prospective Analysis of the effect of Silicon based and Silicon-Carbide based Converter on G3 Power Line Communication. , 2020, , .		4
16	Reduction of Conducted Emissions in DC/DC Converters with FPGA-based Random Modulation. , 2020, , .		5
17	PSpice-Simulink Co-Simulation of the Conducted Emissions of a DC-DC Converter with Random Modulation. , 2020, , .		2
18	Stability Analysis of the Interval Systems Based on Linear Matrix Inequalities. Smart Innovation, Systems and Technologies, 2019, , 371-378.	0.6	1

#	ARTICLE	IF	CITATIONS
19	A Study on Metaheuristic-Based Neural Networks for Image Segmentation Purposes. , 2019, , 25-49.		22
20	A Survey of Potatoes Image Segmentation Based on Machine Vision. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 1-38.	0.4	7
21	A Model for Medical Staff Idleness Minimization. Smart Innovation, Systems and Technologies, 2019, , 633-645.	0.6	1
22	Evaluation of Partial Discharge Signatures Using Inductive Coupling at On-Site Measuring for Instrument Transformers. International Journal of Emerging Electric Power Systems, 2018, 19, .	0.8	1
23	A Solar Tracking System Based on Local Solar Time Integrated to Photovoltaic Systems. Journal of Solar Energy Engineering, Transactions of the ASME, 2018, 140, .	1.8	4
24	Emergency Response Cyber-Physical Framework for Landslide Avoidance with Sustainable Electronics à€. Technologies, 2018, 6, 42.	5.1	28
25	Sustainable Adoption of Connected Vehicles in the Brazilian Landscape: Policies, Technical Specifications and Challenges. Transactions on Environment and Electrical Engineering, 2018, 3, 44.	0.5	13
26	Some Thoughts on Transmedia Communication. Oriental Journal of Computer Science and Technology, 2018, 11, 183-187.	0.3	5
27	Design of Stepped Impedance Microstrip LowPass Filter for Coexistence of TV Broadcasting and LTE Mobile System Close to 700 MHz. Set International Journal of Broadcast Engineering, 2018, 2018, 53-57.	0.2	4
28	Improvement of the Content Transmission in Broadcasting Systems: Potential Proposal to Rayleigh and Rician Multichannel MIMO Systems. Set International Journal of Broadcast Engineering, 2018, 2018, 23-33.	0.2	1
29	Reasons for SFN Failure in Broadcast. Set International Journal of Broadcast Engineering, 2017, 2017, 71-76.	0.2	0
30	The importance of integrated network management and telecom service through time. , 2015, , .		1
31	A Review on Photovoltaic Systems: Mechanisms and Methods for Irradiation Tracking and Prediction. Smart Grid and Renewable Energy, 2015, 06, 187-208.	1.1	24
32	Energy Efficiency in Smart Grid: A Prospective Study on Energy Management Systems. Smart Grid and Renewable Energy, 2015, 06, 250-259.	1.1	10
33	Técnicas de Projeto para Atendimento aos Requisitos de Cobertura de Estações de FM. Set Expo Proceedings, 2015, 1, .	0.0	0
34	Metrological Analysis of Sunflower Prototype. Smart Grid and Renewable Energy, 2015, 06, 41-47.	1.1	0