

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	Computer-aided Diagnosis of Skin Cancer: A Review. <i>Current Medical Imaging</i> , 2020, 16, 781-793.	0.8	82
2	PCB-integrated non-destructive microwave sensor for liquid dielectric spectroscopy based on planar metamaterial resonator. <i>Sensors and Actuators A: Physical</i> , 2020, 312, 112112.	4.1	45
3	Entropy-Based Breast Cancer Detection in Digital Mammograms Using World Cup Optimization Algorithm. <i>International Journal of Swarm Intelligence Research</i> , 2020, 11, 1-18.	0.7	33
4	Emergency Response Cyber-Physical Framework for Landslide Avoidance with Sustainable Electronics â€. <i>Technologies</i> , 2018, 6, 42.	5.1	28
5	A Review on Photovoltaic Systems: Mechanisms and Methods for Irradiation Tracking and Prediction. <i>Smart Grid and Renewable Energy</i> , 2015, 06, 187-208.	1.1	24
6	A Study on Metaheuristic-Based Neural Networks for Image Segmentation Purposes. , 2019, , 25-49.		22
7	A novel method for EMI evaluation in random modulated power electronic converters. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 151, 107098.	5.0	19
8	FPGA-Based System for Electromagnetic Interference Evaluation in Random Modulated DC/DC Converters. <i>Energies</i> , 2020, 13, 2389.	3.1	19
9	Sustainable Adoption of Connected Vehicles in the Brazilian Landscape: Policies, Technical Specifications and Challenges. <i>Transactions on Environment and Electrical Engineering</i> , 2018, 3, 44.	0.5	13
10	Energy Efficiency in Smart Grid: A Prospective Study on Energy Management Systems. <i>Smart Grid and Renewable Energy</i> , 2015, 06, 250-259.	1.1	10
11	Aggregated Conducted Electromagnetic Interference Generated by DC/DC Converters with Deterministic and Random Modulation. <i>Energies</i> , 2020, 13, 3698.	3.1	7
12	Current sensor optimization based on simulated transfer function under partial discharge pulses. <i>Sensors and Actuators A: Physical</i> , 2021, 329, 112825.	4.1	7
13	A Survey of Potatoes Image Segmentation Based on Machine Vision. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019, , 1-38.	0.4	7
14	Some Thoughts on Transmedia Communication. <i>Oriental Journal of Computer Science and Technology</i> , 2018, 11, 183-187.	0.3	5
15	Reduction of Conducted Emissions in DC/DC Converters with FPGA-based Random Modulation. , 2020, , .		5
16	A Solar Tracking System Based on Local Solar Time Integrated to Photovoltaic Systems. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2018, 140, .	1.8	4
17	Design of Stepped Impedance Microstrip LowPass Filter for Coexistence of TV Broadcasting and LTE Mobile System Close to 700 MHz. <i>Set International Journal of Broadcast Engineering</i> , 2018, 2018, 53-57.	0.2	4
18	Nondestructive Diagnosis and Analysis of Computed Microtomography Images via Texture Descriptors. , 2021, , 249-261.		4

#	ARTICLE	IF	CITATIONS
19	Prospective Analysis of the effect of Silicon based and Silicon-Carbide based Converter on G3 Power Line Communication. , 2020, , .		4
20	Electromagnetic Fields on 3-Phase Induction Motor Using Finite Element Analysis. , 2021, , .		2
21	Building Bridges and Remediating Illiteracy: How Intergenerational Cooperation Foster Better Engineering Professionals. , 2021, , 29-39.		2
22	PSpice-Simulink Co-Simulation of the Conducted Emissions of a DC-DC Converter with Random Modulation. , 2020, , .		2
23	The importance of integrated network management and telecom service through time. , 2015, , .		1
24	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
25	Stability Analysis of the Interval Systems Based on Linear Matrix Inequalities. Smart Innovation, Systems and Technologies, 2019, , 371-378.	0.6	1
26	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
27	A Model for Medical Staff Idleness Minimization. Smart Innovation, Systems and Technologies, 2019, , 633-645.	0.6	1
28	The Influence of Spread-Spectrum Modulation on the G3-PLC Performance. , 2021, , .		1
29	Radiated and Conducted EMI by RF Fields at Hospital Environment. , 2021, , .		1
30	Low-Frequency Envelope of DC/DC Converters due Differences in the Control Hardware Features. , 2021, , .		1
31	Técnicas de Projeto para Atendimento aos Requisitos de Cobertura de Estações de FM. Set Expo Proceedings, 2015, 1, .	0.0	0
32	Metrological Analysis of Sunflower Prototype. Smart Grid and Renewable Energy, 2015, 06, 41-47.	1.1	0
33	Reasons for SFN Failure in Broadcast. Set International Journal of Broadcast Engineering, 2017, 2017, 71-76.	0.2	0
34	A Simulation for Parameters Extraction of Double-Layer Shielded Power Cable using FEA. , 2021, , .		0