

Octavian Curea

List of Publications by Year in descending order

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18
papers

825
citations

840585

11
h-index

1125617

13
g-index

18
all docs

18
docs citations

18
times ranked

966
citing authors

#	ARTICLE	IF	CITATIONS
1	A Nonlinear Autoregressive Exogenous (NARX) Neural Network Model for the Prediction of the Daily Direct Solar Radiation. <i>Energies</i> , 2018, 11, 620.	1.6	232
2	Survey on microgrids: Unplanned islanding and related inverter control techniques. <i>Renewable Energy</i> , 2011, 36, 2052-2061.	4.3	156
3	Transient Operation of a Four-Leg Inverter for Autonomous Applications With Unbalanced Load. <i>IEEE Transactions on Power Electronics</i> , 2010, 25, 399-407.	5.4	149
4	Micro-grids project, Part 1: Analysis of rural electrification with high content of renewable energy sources in Senegal. <i>Renewable Energy</i> , 2009, 34, 2141-2150.	4.3	77
5	Control of four leg inverter for hybrid power system applications with unbalanced load. <i>Energy Conversion and Management</i> , 2007, 48, 2119-2128.	4.4	57
6	Application of Wireless Sensor and Actuator Networks to Achieve Intelligent Microgrids: A Promising Approach towards a Global Smart Grid Deployment. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 61.	1.3	35
7	Control of power converters for microgrids. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2011, 30, 300-309.	0.5	24
8	From functional analysis to energy harvesting system design: application to car suspension. <i>International Journal on Interactive Design and Manufacturing</i> , 2016, 10, 37-50.	1.3	21
9	Intelligent Buildings in Smart Grids: A Survey on Security and Privacy Issues Related to Energy Management. <i>Energies</i> , 2021, 14, 2733.	1.6	18
10	Linear electromagnetic energy harvester system embedded on a vehicle suspension: From modeling to performance analysis. <i>Energy</i> , 2021, 225, 119991.	4.5	18
11	Multi-agent systems for the dependability and safety of microgrids. <i>International Journal on Interactive Design and Manufacturing</i> , 2016, 10, 1-13.	1.3	14
12	Study on communication technologies for the optimal operation of smart grids. <i>Transactions on Emerging Telecommunications Technologies</i> , 2014, 25, 1009-1019.	2.6	9
13	Gain Scheduling Control of an Islanded Microgrid Voltage. <i>Energies</i> , 2014, 7, 4498-4518.	1.6	7
14	Wireless Sensors Networks Applications For Micro-Grids Management: State of Art. , 2020, , .		6
15	Prediction of the Daily Direct Solar Radiation Using Nonlinear Autoregressive Exogenous (Narx) Network Model. , 0, , .		2
16	Physical Workbench for Technical Training in Discrete Time Control. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2008, 41, 9749-9754.	0.4	0
17	CONTROL DE TENSIÓN DE UN INVERSOR AISLADO QUE ALIMENTA UNA CARGA VARIABLE. <i>Dyna Energia Y Sostenibilidad</i> , 2015, 4, [16 p.]-[16 p.].	0.1	0
18	CONTROL DE TENSIÓN DE UNA RED AISLADA MEDIANTE UN SISTEMA DE ENERGÍA HÍBRIDO. <i>Dyna (Spain)</i> , 2015, 90, 585-586.	0.1	0