

Angel Perez-Navarro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8269923/publications.pdf>

Version: 2024-02-01

32
papers

884
citations

567281

15
h-index

610901

24
g-index

35
all docs

35
docs citations

35
times ranked

996
citing authors

#	ARTICLE	IF	CITATIONS
1	Methodology based on Geographic Information Systems for biomass logistics and transport optimisation. <i>Renewable Energy</i> , 2009, 34, 555-565.	8.9	136
2	Multicriteria assessment in GIS environments for siting biomass plants. <i>Land Use Policy</i> , 2013, 31, 326-335.	5.6	112
3	Methodology for optimization of distributed biomass resources evaluation, management and final energy use. <i>Biomass and Bioenergy</i> , 2009, 33, 1070-1079.	5.7	69
4	Results from the TARC experiment: spallation neutron phenomenology in lead and neutron-driven nuclear transmutation by adiabatic resonance crossing. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 478, 577-730.	1.6	67
5	A Review on Battery Charging and Discharging Control Strategies: Application to Renewable Energy Systems. <i>Energies</i> , 2018, 11, 1021.	3.1	60
6	Hybrid biomass-wind power plant for reliable energy generation. <i>Renewable Energy</i> , 2010, 35, 1436-1443.	8.9	55
7	Experimental verification of hybrid renewable systems as feasible energy sources. <i>Renewable Energy</i> , 2016, 86, 384-391.	8.9	54
8	Optimization of a hybrid renewable system for high feasibility application in non-connected zones. <i>Applied Energy</i> , 2015, 155, 308-314.	10.1	49
9	Experimental verification of neutron phenomenology in lead and transmutation by adiabatic resonance crossing in accelerator driven systems. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 458, 167-180.	4.1	42
10	Diagnosis of a battery energy storage system based on principal component analysis. <i>Renewable Energy</i> , 2020, 146, 2438-2449.	8.9	40
11	Engineering design studies for the transmutation of nuclear wastes with a gas-cooled pebble-bed ADS. <i>Nuclear Engineering and Design</i> , 2007, 237, 325-333.	1.7	23
12	Thermal and Electrical Parameter Identification of a Proton Exchange Membrane Fuel Cell Using Genetic Algorithm. <i>Energies</i> , 2018, 11, 2099.	3.1	23
13	Technical requirements for economical viability of electricity generation in stabilized wind parks. <i>International Journal of Hydrogen Energy</i> , 2007, 32, 3811-3819.	7.1	21
14	Experimental verification of neutron phenomenology in lead and of transmutation by adiabatic resonance crossing in accelerator driven systems. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 463, 586-592.	1.6	19
15	Light electric vehicle charging strategy for low impact on the grid. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18790-18806.	5.3	17
16	Modelling, Parameter Identification, and Experimental Validation of a Lead Acid Battery Bank Using Evolutionary Algorithms. <i>Energies</i> , 2018, 11, 2361.	3.1	16
17	Application of gas-cooled Accelerator Driven System (ADS) transmutation devices to sustainable nuclear energy development. <i>Nuclear Engineering and Design</i> , 2011, 241, 2288-2294.	1.7	15
18	Methodology for ranking customer segments by their suitability for distributed energy resources applications. <i>Energy Conversion and Management</i> , 2007, 48, 1615-1623.	9.2	13

#	ARTICLE	IF	CITATIONS
19	Energy market segmentation for distributed energy resources implementation purposes. IET Generation, Transmission and Distribution, 2007, 1, 324.	2.5	10
20	Performance of a transmutation advanced device for sustainable energy application. Progress in Nuclear Energy, 2011, 53, 1151-1158.	2.9	9
21	Comprehensive Methodology for Sustainable Power Supply in Emerging Countries. Sustainability, 2019, 11, 5398.	3.2	8
22	Wind generation stabilization using a hydrogen buffer. , 2007, , .		6
23	Methodology and Application of Statistical Techniques to Evaluate the Reliability of Electrical Systems Based on the Use of High Variability Generation Sources. Sustainability, 2021, 13, 10098.	3.2	6
24	State of health estimation of lead acid battery bank in a renewable energy system by parameter identification with genetic algorithms. , 2018, , .		2
25	Caracterización de agentes de consumo energético en el sector residencial del Ecuador basada en una encuesta nacional y en los sistemas de información geográfica para modelamiento de sistemas energéticos. Enfoque, 2022, 13, 68-97.	0.4	2
26	Wind Energy Contribution to a Sustainable Transport: The Case of Spain. World Electric Vehicle Journal, 2008, 2, 203-208.	3.0	1
27	Comparison of Optimization Methods for Hybrid Renewable Energy Systems. , 2019, , .		1
28	Technical and economical feasibility analysis of biomass gasification power plants in a Mediterranean area. , 2009, , .		0
29	The central role of wind power in a hydrogen-based energy system. , 2009, , .		0
30	Methodology for Analysing Electrical Scenarios as a Means of Sustainable Development in Emerging Countries. , 2018, , 105-117.		0
31	Implementation of an Integral Methodology for the Simulation of Renewable Energy Scenarios Applied to an Isolated Area. , 2021, , 158-192.		0
32	Implementation of an Integral Methodology for the Simulation of Renewable Energy Scenarios Applied to an Isolated Area. Advances in Business Strategy and Competitive Advantage Book Series, 2021, , 333-367.	0.3	0