

Julio Barzola-Monteses

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

119
citations

1684188

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1588992

8
g-index

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all docs

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docs citations

23
times ranked

66
citing authors

#	ARTICLE	IF	CITATIONS
1	An Initial Approach About Data Preprocessing Techniques Applied to Polymer Electrolyte Fuel Cells: A Case Study. <i>Smart Innovation, Systems and Technologies</i> , 2022, , 53-64.	0.6	4
2	An Alternative Methodology to Compute the Geometric Tortuosity in 2D Porous Media Using the A-Star Pathfinding Algorithm. <i>Computation</i> , 2022, 10, 59.	2.0	4
3	Hydropower production prediction using artificial neural networks: an Ecuadorian application case. <i>Neural Computing and Applications</i> , 2022, 34, 13253-13266.	5.6	12
4	Analysis and Evaluation of Energy Efficiency in Buildings Based on Building Information Modeling. <i>Green Energy and Technology</i> , 2022, , 137-149.	0.6	1
5	Transport Parameter Correlations for Digitally Created PEFC Gas Diffusion Layers by Using OpenPNM. <i>Processes</i> , 2021, 9, 1141.	2.8	3
6	Relevant and Non-Redundant Feature Subset Selection Applied to the Detection of Malware in a Network. , 2021, , .		3
7	Forecasting Energy Consumption in Residential Department Using Convolutional Neural Networks. <i>Communications in Computer and Information Science</i> , 2021, , 18-30.	0.5	3
8	A Permeabilityâ€œThroat Diameter Correlation for a Medium Generated with Delaunay Tessellation and Voronoi Algorithm. <i>Transport in Porous Media</i> , 2020, 132, 201-217.	2.6	11
9	Energy Consumption of a Building by using Long Short-Term Memory Network: A Forecasting Study. , 2020, , .		12
10	Sorting Algorithm Applied in Geographical Regions Using Residential Electricity Consumption Indicators. <i>International Journal on Advanced Science, Engineering and Information Technology</i> , 2020, 10, 562-566.	0.4	1
11	Particle Swarm Optimization and Genetic Algorithm PID for DC motor position controllers. , 2020, , .		2
12	Performance Analysis of Hybrid Solar/H2/Battery Renewable Energy System for Residential Electrification. <i>Energy Procedia</i> , 2019, 158, 9-14.	1.8	11
13	A pre-feasibility experimental study of using surface-enhanced flake graphite to build up PEFC bipolar plates. <i>Energy Procedia</i> , 2019, 158, 1502-1507.	1.8	6
14	Time Series Analysis for Predicting Hydroelectric Power Production: The Ecuador Case. <i>Sustainability</i> , 2019, 11, 6539.	3.2	13
15	Desarrollo de habilidades STEM en estudiantes universitarios de FÃsica mediante proyectos I+D+i. Caso: estimaciÃ³n de la demanda de la energÃa elÃ©ctrica en zonas rurales y urbano-marginales. <i>Revista Mexicana De Fisica E</i> , 2019, 65, 44-51.	0.1	3
16	Genetic algorithm and fuzzy self-tuning PID for DC motor position controllers. , 2018, , .		18
17	Applicability of the lattice Boltzmann method to determine the ohmic resistance in equivalent resistor connections. <i>Journal of Physics: Conference Series</i> , 2017, 936, 012019.	0.4	0
18	On Parameters Testing of an Innovative Mortar Made of Rice Husk to be Used for Housing Walls. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
19	The telegestore system evolved according OSI model and its performance compared with the new IEEE 1901.2 standard. , 2014, , .		3
20	Solar-Wind Renewable Energy System for Off-Grid Rural Electrification in Ecuador. , 0, , .		6
21	La Enseñanza De Las Razones De Cambio Relacionadas Usando Las Cinco Estrategias Claves Para La Evaluación Formativa. , 0, , .		0
22	A detailed analysis of Hispanic learners' use of YouTube as a tool to reinforce the learning process in higher education. , 0, , .		0
23	Evaluación experimental no destructiva de un mortero ecológico mediante el martillo de Schmidt. , 0, , .		0