

# Julio Barzola-Monteses

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8489547/publications.pdf>

Version: 2024-02-01

23  
papers

119  
citations

1684188

5  
h-index

1588992

8  
g-index

23  
all docs

23  
docs citations

23  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic algorithm and fuzzy self-tuning PID for DC motor position controllers. , 2018, , .		18
2	Time Series Analysis for Predicting Hydroelectric Power Production: The Ecuador Case. Sustainability, 2019, 11, 6539.	3.2	13
3	Energy Consumption of a Building by using Long Short-Term Memory Network: A Forecasting Study. , 2020, , .		12
4	Hydropower production prediction using artificial neural networks: an Ecuadorian application case. Neural Computing and Applications, 2022, 34, 13253-13266.	5.6	12
5	Performance Analysis of Hybrid Solar/H2/Battery Renewable Energy System for Residential Electrification. Energy Procedia, 2019, 158, 9-14.	1.8	11
6	A Permeability-€Throat Diameter Correlation for a Medium Generated with Delaunay Tessellation and Voronoi Algorithm. Transport in Porous Media, 2020, 132, 201-217.	2.6	11
7	A pre-feasibility experimental study of using surface-enhanced flake graphite to build up PEFC bipolar plates. Energy Procedia, 2019, 158, 1502-1507.	1.8	6
8	Solar-Wind Renewable Energy System for Off-Grid Rural Electrification in Ecuador. , 0, , .		6
9	An Initial Approach About Data Preprocessing Techniques Applied to Polymer Electrolyte Fuel Cells: A Case Study. Smart Innovation, Systems and Technologies, 2022, , 53-64.	0.6	4
10	An Alternative Methodology to Compute the Geometric Tortuosity in 2D Porous Media Using the A-Star Pathfinding Algorithm. Computation, 2022, 10, 59.	2.0	4
11	The telegestore system evolved according OSI model and its performance compared with the new IEEE 1901.2 standard. , 2014, , .		3
12	Transport Parameter Correlations for Digitally Created PEFC Gas Diffusion Layers by Using OpenPNM. Processes, 2021, 9, 1141.	2.8	3
13	Desarrollo de habilidades STEM en estudiantes universitarios de Fsica mediante proyectos I+D+i. Caso: estimaci3n de la demanda de la energa elctrica en zonas rurales y urbano-marginales. Revista Mexicana De Fısica E, 2019, 65, 44-51.	0.1	3
14	On Parameters Testing of an Innovative Mortar Made of Rice Husk to be Used for Housing Walls. , 2016, , .		3
15	Relevant and Non-Redundant Feature Subset Selection Applied to the Detection of Malware in a Network. , 2021, , .		3
16	Forecasting Energy Consumption in Residential Department Using Convolutional Neural Networks. Communications in Computer and Information Science, 2021, , 18-30.	0.5	3
17	Particle Swarm Optimization and Genetic Algorithm PID for DC motor position controllers. , 2020, , .		2
18	Sorting Algorithm Applied in Geographical Regions Using Residential Electricity Consumption Indicators. International Journal on Advanced Science, Engineering and Information Technology, 2020, 10, 562-566.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Analysis and Evaluation of Energy Efficiency in Buildings Based on Building Information Modeling. Green Energy and Technology, 2022, , 137-149.	0.6	1
20	Applicability of the lattice Boltzmann method to determine the ohmic resistance in equivalent resistor connections. Journal of Physics: Conference Series, 2017, 936, 012019.	0.4	0
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