

John William Grimaldo Guerrero

List of Publications by Year in descending order

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31
papers

275
citations

1039406

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33
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of Neural Network and Time-Domain Feature Extraction Techniques for Determining Volumetric Percentages and the Type of Two Phase Flow Regimes Independent of Scale Layer Thickness. Applied Sciences (Switzerland), 2022, 12, 1336.	1.3	44
2	Controlling environmental pollution: dynamic role of fiscal decentralization in CO2 emission in Asian economies. Environmental Science and Pollution Research, 2021, 28, 65150-65159.	2.7	41
3	Dynamic effects of fiscal and monetary policy instruments on environmental pollution in ASEAN. Environmental Science and Pollution Research, 2021, 28, 65116-65126.	2.7	28
4	Engineering of Novel Fe-Based Bulk Metallic Glasses Using a Machine Learning-Based Approach. Arabian Journal for Science and Engineering, 2021, 46, 12417-12425.	1.7	23
5	Modelling and reviewing the reliability and multi-objective optimization of wind-turbine system and photovoltaic panel with intelligent algorithms. Clean Energy, 2021, 5, 713-730.	1.5	18
6	Applying Data Mining and Artificial Intelligence Techniques for High Precision Measuring of the Two-Phase Flow's Characteristics Independent of the Pipe's Scale Layer. Electronics (Switzerland), 2022, 11, 459.	1.8	16
7	Implementation of artificial intelligence and support vector machine learning to estimate the drilling fluid density in high-pressure high-temperature wells. Energy Reports, 2021, 7, 4106-4113.	2.5	15
8	Investigation of Mechanical and Microstructural Properties of Welded Specimens of AA6061-T6 Alloy with Friction Stir Welding and Parallel-Friction Stir Welding Methods. Materials, 2021, 14, 6003.	1.3	15
9	A Laboratory Approach to Measure Enhanced Gas Recovery from a Tight Gas Reservoir during Supercritical Carbon Dioxide Injection. Sustainability, 2021, 13, 11606.	1.6	11
10	Investigation and Optimization of the Performance of Energy Systems in the Textile Industry by Using CHP Systems. Sustainability, 2022, 14, 1551.	1.6	10
11	Optimization of X-ray Tube Voltage to Improve the Precision of Two Phase Flow Meters Used in Petroleum Industry. Sustainability, 2021, 13, 13622.	1.6	10
12	Prediction of penetration rate by Coupled Simulated Annealing-Least Square Support Vector Machine (CSA_LSSVM) learning in a hydrocarbon formation based on drilling parameters. Energy Reports, 2021, 7, 3971-3978.	2.5	8
13	Optimal parameters estimation of the PEMFC using a balanced version of Water Strider Algorithm. Energy Reports, 2021, 7, 6876-6886.	2.5	7
14	Increasing the Efficiency of a Control System for Detecting the Type and Amount of Oil Product Passing through Pipelines Based on Gamma-Ray Attenuation, Time Domain Feature Extraction, and Artificial Neural Networks. Polymers, 2022, 14, 2852.	2.0	5
15	Identification of critical variables in conventional transformers in distribution networks. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012009.	0.3	4
16	Stock markets dynamics and environmental pollution: emerging issues and policy options in Asia. Environmental Science and Pollution Research, 2021, 28, 61801-61810.	2.7	4
17	AN ANALYSIS OF ELECTRICITY GENERATION WITH RENEWABLE RESOURCES IN GERMANY. International Journal of Energy Economics and Policy, 2020, 10, 361-367.	0.5	4
18	Offshore oil exploitation in the Caribbean Sea: Challenges for Colombia. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012015.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Production and Characterization of Biodiesel from Cotton Oil as an Alternative Energy in Substitution of Soybean Oil. Journal of Engineering Science and Technology Review, 2018, 11, 182-186.	0.2	2
20	Drivers of Biomass Power Generation Technologies: Adoption in Colombia. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012010.	0.3	1
21	Prospective towards implementation of electric vehicles in Colombia. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012014.	0.3	1
22	Economic Assessment of Changes in the Regulation of the Transmission Activity in Colombia. Journal of Engineering Science and Technology Review, 2019, 12, 11-16.	0.2	1
23	Optimization of the Cooling System of Electric Vehicle Batteries. Fluid Dynamics and Materials Processing, 2022, 18, 835-850.	0.5	1
24	A Multi-Objective Optimization Model for Relief Facility Location in Crisis Conditions. Industrial Engineering and Management Systems, 2021, 20, 588-595.	0.3	1
25	Optimizing the Multi-Level Location-Assignment Problem in Queue Networks Using a Multi-Objective Optimization Approach. Foundations of Computing and Decision Sciences, 2022, 47, 177-192.	0.5	1
26	Risk assessment of PCP lift system using a fishbone diagram and MICMAC method. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012013.	0.3	0
27	EQUITY AND RENEWABLE ENERGY: AN ANALYSIS IN RESIDENTIAL USERS IN THE DEPARTMENT OF ATLÁNTICO-COLOMBIA. International Journal of Energy Economics and Policy, 2021, 11, 107-112.	0.5	0
28	Mapeo del conocimiento para la enseñanza interdisciplinaria en ingeniería. Formacion Universitaria, 2020, 13, 85-94.	0.2	0
29	Thermal Conductivity and Dynamic Viscosity of Highly Mineralized Water. Fluid Dynamics and Materials Processing, 2022, 18, 851-866.	0.5	0
30	A Hierarchical P-hub Center Problem for Perishable Products Using CPLEX Method and Origin-Destination Approach. Industrial Engineering and Management Systems, 2021, 20, 613-620.	0.3	0
31	Scheduling for a Container Supply Chain to Minimize Costs Using the Meta-Innovation Approach. Industrial Engineering and Management Systems, 2021, 20, 662-671.	0.3	0