José Núñez Alvarez

List of Publications by Year
in descending order

35	266	1040056	996975
papers	citations	9	15
		h-index	g-index

37	37	37	170
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Energy, Economic, and Environmental Evaluation of a Proposed Solar-Wind Power On-grid System Using HOMER Pro®: A Case Study in Colombia. Energies, 2020, 13, 1662.	3.1	34
2	Multiobjective Optimization of a Plate Heat Exchanger in a Waste Heat Recovery Organic Rankine Cycle System for Natural Gas Engines. Entropy, 2019, 21, 655.	2.2	31
3	Shallow Convolutional Network Excel for Classifying Motor Imagery EEG in BCI Applications. IEEE Access, 2021, 9, 98275-98286.	4.2	25
4	Monte Carlo Dropout for Uncertainty Estimation and Motor Imagery Classification. Sensors, 2021, 21, 7241.	3.8	21
5	A new methodology incorporating public participation within Cuba's ICZM program. Ocean and Coastal Management, 2020, 186, 105101.	4.4	17
6	RESEARCH EVOLUTION ON RENEWABLE ENERGIES RESOURCES FROM 2007 TO 2017: A COMPARATIVE STUDY ON SOLAR, GEOTHERMAL, WIND AND BIOMASS ENERGY. International Journal of Energy Economics and Policy, 2019, 9, 242-253.	1.2	15
7	Tools for the Implementation of a SCADA System in a Desalination Process. IEEE Latin America Transactions, 2019, 17, 1858-1864.	1.6	12
8	Data set on wind speed, wind direction and wind probability distributions in Puerto Bolivar - Colombia. Data in Brief, 2019, 27, 104753.	1.0	10
9	1D Convolutional Neural Network for Detecting Ventricular Heartbeats. IEEE Latin America Transactions, 2019, 17, 1970-1977.	1.6	10
10	Metodología de diagnóstico de fallos para sistemas fotovoltaicos de conexión a red. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2020, 17, 94.	1.0	9
11	Numerical investigation of hydrogen enriched natural gas effects on different characteristics of a SI engine with modified injection mechanism from port to direct injection. Energy, 2022, 255, 124445.	8.8	8
12	Communications in Flexible Supervisor for Laboratory Research in Renewable Energy. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012016.	0.6	7
13	Wind Speed Prediction Based on Univariate ARIMA and OLS on the Colombian Caribbean Coast. Journal of Engineering Science and Technology Review, 2020, 13, 200-205.	0.4	7
14	Application of Business Intelligence in studies management of Hazard, Vulnerability and Risk in Cuba. IOP Conference Series: Materials Science and Engineering, 0, 844, 012033.	0.6	6
15	A Fuzzy Logic Proposal for Diagnosis Multiple Incipient Faults in a Power Transformer. Lecture Notes in Computer Science, 2021, , 187-198.	1.3	6
16	Demilitarized network to secure the data stored in industrial networks. International Journal of Electrical and Computer Engineering, 2021, 11, 611.	0.7	5
17	Red de sensores inalámbricos multisalto para sistemas domóticos de bajo costo y área extendida. RIAI - Revista Iberoamericana De Automatica E Informatica Industrial, 2020, 17, 412.	1.0	5
18	Identification of critical variables in conventional transformers in distribution networks. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012009.	0.6	4

#	Article	IF	Citations
19	Design of a Fuzzy Controller for a Hybrid Generation System. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012017.	0.6	4
20	Intelligent distributed module for local control of lighting and electrical outlets in a home. Journal of Physics: Conference Series, 2021, 1730, 012001.	0.4	4
21	A New Computational Tool for the Development of Advanced Exergy Analysis and LCA on Single Effect LiBrâ€"H2O Solar Absorption Refrigeration System. Lubricants, 2021, 9, 76.	2.9	4
22	AN ANALYSIS OF ELECTRICITY GENERATION WITH RENEWABLE RESOURCES IN GERMANY. International Journal of Energy Economics and Policy, 2020, 10, 361-367.	1.2	4
23	Human machine interface (HMI) based on a multi-agent system in a water purification plant. Journal of Physics: Conference Series, 2021, 2090, 012122.	0.4	3
24	Study of technologies implemented in the operation of SF6 switches. IOP Conference Series: Materials Science and Engineering, 2020, 872, 012041.	0.6	2
25	Deliberative architecture for smart sensors in the filtering operation of a water purification plant. Journal of Physics: Conference Series, 2021, 1730, 012088.	0.4	2
26	Local development applied to the energy scheme using the geographic information system for decision making. International Journal of Electrical and Computer Engineering, 2022, 12, 3343.	0.7	2
27	Effect of LED Technology on Technical Losses in Public Lighting Circuits. A Case Study. Journal of Engineering Science and Technology Review, 2021, 14, 198-206.	0.4	1
28	Analysis of the Economic and Environmental Feasibility of a Home Automation System. IOP Conference Series: Materials Science and Engineering, 2021, 1154, 012002.	0.6	1
29	Intelligent multi-agent architecture for a supervisor of a water treatment plant. Journal of Physics: Conference Series, 2021, 2090, 012124.	0.4	1
30	Combined Method of Flow-Reduced Dump Load for Frequency Control of an Autonomous Micro-Hydropower in AC Microgrids. Energies, 2021, 14, 8059.	3.1	1
31	Multi-agent system for steel manufacturing process. International Journal of Electrical and Computer Engineering, 2022, 12, 2441.	0.7	1
32	Tools for the Implementation of an Inmotic System in the Imperial Hotel in Santiago de Cuba, Cuba. IOP Conference Series: Materials Science and Engineering, 2021, 1154, 012004.	0.6	0
33	SmartGrid proposal in communities of Guama Municipality of Santiago de Cuba Province. ITEGAM-Journal of Engineering and Technology for Industrial Applications (ITEGAM-JETIA), 2018, 4, .	0.2	0
34	Lightning rod system: mathematical analysis using the rolling sphere method. International Journal of Power Electronics and Drive Systems, 2022, 13, 237.	0.6	0
35	Speed control in DC and AC drives. International Journal of Power Electronics and Drive Systems, 2021, 12, 2006.	0.6	0