

JosÃ© NÃºñez Alvarez

List of Publications by Year in descending order

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35
papers

266
citations

1040056

9
h-index

996975

15
g-index

37
all docs

37
docs citations

37
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Lightning rod system: mathematical analysis using the rolling sphere method. International Journal of Power Electronics and Drive Systems, 2022, 13, 237.	0.6	0
2	Multi-agent system for steel manufacturing process. International Journal of Electrical and Computer Engineering, 2022, 12, 2441.	0.7	1
3	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
4	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
5	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
6	Shallow Convolutional Network Excel for Classifying Motor Imagery EEG in BCI Applications. IEEE Access, 2021, 9, 98275-98286.	4.2	25
7	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
8	Demilitarized network to secure the data stored in industrial networks. International Journal of Electrical and Computer Engineering, 2021, 11, 611.	0.7	5
9	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
10	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
11	A New Computational Tool for the Development of Advanced Exergy Analysis and LCA on Single Effect LiBr-H ₂ O Solar Absorption Refrigeration System. Lubricants, 2021, 9, 76.	2.9	4
12	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
13	Monte Carlo Dropout for Uncertainty Estimation and Motor Imagery Classification. Sensors, 2021, 21, 7241.	3.8	21
14	A Fuzzy Logic Proposal for Diagnosis Multiple Incipient Faults in a Power Transformer. Lecture Notes in Computer Science, 2021, , 187-198.	1.3	6
15	Intelligent multi-agent architecture for a supervisor of a water treatment plant. Journal of Physics: Conference Series, 2021, 2090, 012124.	0.4	1
16	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
17	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
18	Speed control in DC and AC drives. International Journal of Power Electronics and Drive Systems, 2021, 12, 2006.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Communications in Flexible Supervisor for Laboratory Research in Renewable Energy. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012016.	0.6	7
20	Identification of critical variables in conventional transformers in distribution networks. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012009.	0.6	4
21	Study of technologies implemented in the operation of SF6 switches. IOP Conference Series: Materials Science and Engineering, 2020, 872, 012041.	0.6	2
22	Design of a Fuzzy Controller for a Hybrid Generation System. IOP Conference Series: Materials Science and Engineering, 2020, 844, 012017.	0.6	4
23	A new methodology incorporating public participation within Cuba's ICZM program. Ocean and Coastal Management, 2020, 186, 105101.	4.4	17
24	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
25	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
26	AN ANALYSIS OF ELECTRICITY GENERATION WITH RENEWABLE RESOURCES IN GERMANY. International Journal of Energy Economics and Policy, 2020, 10, 361-367.	1.2	4
27	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
28	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
29	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
30	Data set on wind speed, wind direction and wind probability distributions in Puerto Bolivar - Colombia. Data in Brief, 2019, 27, 104753.	1.0	10
31	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
32	1D Convolutional Neural Network for Detecting Ventricular Heartbeats. IEEE Latin America Transactions, 2019, 17, 1970-1977.	1.6	10
33	Tools for the Implementation of a SCADA System in a Desalination Process. IEEE Latin America Transactions, 2019, 17, 1858-1864.	1.6	12
34	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
35	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