Adalberto Ospino C

List of Publications by Year
in descending order

29 papers	162 citations	1307594 7 h-index	1199594 12 g-index
32 all docs	32 docs citations	32 times ranked	109 citing authors

#	Article	IF	Citations
1	Analysis of the Integration of Drift Detection Methods in Learning Algorithms for Electrical Consumption Forecasting in Smart Buildings. Sustainability, 2022, 14, 5857.	3.2	7
2	Super-Alarms with Diagnosis Proficiency Used as an Additional Layer of Protection Applied to an Oil Transport System. Entropy, 2021, 23, 139.	2.2	1
3	Low-Cost Smart Indoor Greenhouse for Urban Farming. Lecture Notes in Computer Science, 2021, , 120-132.	1.3	0
4	TECHNICAL AND FINANCIAL ASSESSMENT OF PHOTOVOLTAIC SOLAR SYSTEMS FOR RESIDENTIAL COMPLEXES CONSIDERING THREE DIFFERENT COMMERCIAL TECHNOLOGIES AND COLOMBIAâ€™S ENERGY POLICY. International Journal of Energy Economics and Policy, 2021, 11, 272-280.	1.2	1
5	A REVIEW: INTEGRATION OF RENEWABLE ENERGIES IN THE SUSTAINABILITY OF THE ELECTRIC DISTRIBUTION GRID. International Journal of Energy Economics and Policy, 2021, 11, 240-248.	1.2	4
6	Substrate treatment for the increment of electric power potential from plants microbial fuel cells. International Journal of Electrical and Computer Engineering, 2021, 11, 1933.	0.7	0
7	Design and performance evaluation of a solar tracking panel of single axis in Colombia. International Journal of Electrical and Computer Engineering, 2021, 11, 2889.	0.7	0
8	Wireless sensor network for forest fire detection. Procedia Computer Science, 2020, 175, 435-440.	2.0	34
9	Simultaneous occurrences and false-positives analysis in discrete event dynamic systems. Journal of Computational Science, 2020, 44, 101162.	2.9	12
10	An Image Processing-Based Method to Assess the Monthly Energetic Complementarity of Solar and Wind Energy in Colombia. Energies, 2020, 13, 1033.	3.1	9
11	An additional layer of protection through superalarms with diagnosis capability. CTyF - Ciencia, Tecnologia Y Futuro, 2020, 10, 45-65.	0.5	2
12	Evaluation of non-parametric identification techniques in second order models plus dead time. International Journal of Electrical and Computer Engineering, 2020, 10, 6340.	0.7	0
13	FINANCING OF RESIDENTIAL ROOFTOP PHOTOVOLTAIC PROJECTS UNDER A NET METERING POLICY FRAMEWORK: THE CASE OF THE COLOMBIAN CARIBBEAN REGION. International Journal of Energy Economics and Policy, 2020, 10, 337-346.	1.2	1
14	Data from multimodal functions based on an array of photovoltaic modules and an approximation with artificial neural networks as a scenario for testing optimization algorithms. Data in Brief, 2019, 27, 104669.	1.0	1
15	ANALYSIS OF ENERGY MANAGEMENT AND FINANCIAL PLANNING IN THE IMPLEMENTATION OF PV SYSTEMS. International Journal of Energy Economics and Policy, 2019, 9, 1-11.	1.2	2
16	Rapid Prototyping of a Hybrid PVâ€"Wind Generation System Implemented in a Real-Time Digital Simulation Platform and Arduino. Electronics (Switzerland), 2019, 8, 102.	3.1	11
17	New concept of safeprocess based on a fault detection methodology: Super Alarms. IFAC-PapersOnLine, 2019, 52, 231-236.	0.9	3
18	Technical and Economic Evaluation of a Small-Scale Wind Power System Located in Berlin, Colombia.. Tecciencia, 2019, 13, 63-72.	0.5	2

#	Article	IF	Citations
19	Procedimiento para la SelecciÃ³n de Criterios en la PlanificaciÃ³n EnergÃ©tica de Zonas Rurales Colombianas. Informacion Tecnologica (discontinued), 2018, 29, 71-80.	0.3	5
20	AnÃ¡lisis de la GestiÃ³n Administrativa en las Instituciones Educativas de los Niveles de BÃ¡sica y Media en las Zonas Rurales de Santa Marta, Colombia. Informacion Tecnologica (discontinued), 2018, 29, 259-266.	0.3	8
21	Data from a photovoltaic system using fuzzy logic and the P&O algorithm under sudden changes in solar irradiance and operating temperature. Data in Brief, 2018, 21, 1618-1621.	1.0	5
22	Implementation of a cost-effective fuzzy MPPT controller on the Arduino board. International Journal on Smart Sensing and Intelligent Systems, 2018, 11, 1-10.	0.7	8
23	Techno-economic evaluation of a grid-connected hybrid PV-wind power generation system in San Luis Potosi, Mexico. , 2017, , .		2
24	Analysis of geothermal energy as an alternative source for electricity in Colombia. Geothermal Energy, 2017, 5, .	1.9	12
25	Evaluation of a hybrid system of renewable electricity generation for a remote area of colombia using homer software. Tecciencia, 2014, 9, 57-67.	0.5	11
26	Methodology proposal for multicriteria optimization using NSGA-II in industrial applications. , 2014, , .		0
27	Analysis of mismatch and shading effects in a photovoltaic array using different technologies. IOP Conference Series: Materials Science and Engineering, 2014, 59, 012007.	0.6	7
28	Analysis of energy production with different photovoltaic technologies in the Colombian geography. IOP Conference Series: Materials Science and Engineering, 2014, 59, 012012.	0.6	7
29	DiseÃ±o de un sistema mÃ©dico asistencial de autorregulaciÃ³n de oxÃgeno por monitoreo no invasivo, basado en lÃ³gica difusa. Prospectiva, 2014, 12, 57.	0.2	0