Andres Suarez Garcia

List of Publications by Year
in descending order

22 papers	271 citations	1163117 8 h-index	996975 15 g-index
22 all docs	22 docs citations	22 times ranked	293 citing authors

#	Article	IF	Citations
1	SERVICE-LEARNING EXPERIENCE WITH ENGINEERING STUDENTS USING THE DESIGN THINKING APPROACH. INTED Proceedings, 2022, , .	0.0	0
2	USING INTERACTIVE PHYSICAL MODELS TO TEACH STRUCTURAL ANALYSIS: EXPERIENCES IN A MECHANICAL ENGINEERING DEGREE. INTED Proceedings, 2022, , .	0.0	0
3	ANALYSIS OF THE USE OF BINARY SURVEYS FOR THE COLLECTION OF STUDENT OPINION AND REPLACEMENT OF LIKERT SURVEYS. INTED Proceedings, 2022, , .	0.0	1
4	Design Sprint: Enhancing STEAM and engineering education through agile prototyping and testing ideas. Thinking Skills and Creativity, 2022, 44, 101039.	3.5	11
5	Teaching structural analysis theory with Jupyter Notebooks. Computer Applications in Engineering Education, 2021, 29, 1257-1266.	3.4	8
6	Feature selection for CIE standard sky classification. Solar Energy, 2021, 218, 95-107.	6.1	11
7	A Multicriteria Evaluation of Sustainable Riparian Revegetation with Local Fruit Trees around a Reservoir of a Hydroelectric Power Plant in Central Brazil. Sustainability, 2021, 13, 7849.	3.2	0
8	Pixel-Based Image Processing for CIE Standard Sky Classification through ANN. Complexity, 2021, 2021, 1-15.	1.6	1
9	Effect of Insulation on the Energy Demand of a Standardized Container Facility at Airports in Spain under Different Weather Conditions. Energies, 2020, 13, 5263.	3.1	5
10	Spanish Photovoltaic Solar Energy: Institutional Change, Financial Effects, and the Business Sector. Sustainability, 2020, 12, 1892.	3.2	14
11	Evaluation of the Vertical Sky Component without Obstructions for Daylighting in Burgos, Spain. Applied Sciences (Switzerland), 2020, 10, 3095.	2.5	3
12	Modeling of Energy Demand and Savings Associated with the Use of Epoxy-Phase Change Material Formulations. Materials, 2020, 13, 639.	2.9	3
13	Seasonal caracterization of CIE standard sky types above Burgos, northwestern Spain. Solar Energy, 2018, 169, 24-33.	6.1	23
14	Teaching optimization of manufacturing problems via code components of a Jupyter Notebook. Computer Applications in Engineering Education, 2018, 26, 1102-1110.	3.4	15
15	Novel Formulations of Phase Change Materialsâ€"Epoxy Composites for Thermal Energy Storage. Materials, 2018, 11, 195.	2.9	18
16	Estimation of photovoltaic potential for electricity self-sufficiency: A study case of military facilities in northwest Spain. Journal of Renewable and Sustainable Energy, 2017, 9, .	2.0	6
17	DESIGNING LABORATORY SESSIONS USING IPYTHON. , 2016, , .		2
18	Optimal parametrization of electrodynamical battery model using model selection criteria. Journal of Power Sources, 2015, 285, 119-130.	7.8	5

#	Article	IF	Citations
19	Integration of several renewable energies for internal combustion engine substitution in a commercial sailboat. International Journal of Hydrogen Energy, 2015, 40, 6689-6701.	7.1	8
20	Modelization of hybrid systems with hydrogen and renewable energy oriented to electric propulsion in sailboats. International Journal of Hydrogen Energy, 2014, 39, 11763-11773.	7.1	28
21	Optimal distribution for photovoltaic solar trackers to minimize power losses caused by shadows. Renewable Energy, 2011, 36, 1826-1835.	8.9	53
22	Influence of the shadows in photovoltaic systems with different configurations of bypass diodes. , 2010, , .		56