

Miguel Angel Egido Aguilera

List of Publications by Year in descending order

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papers

658
citations

623188

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19
all docs

19
docs citations

19
times ranked

697
citing authors

#	ARTICLE	IF	CITATIONS
1	Planning of electrical energy for the Galapagos Islands using different renewable energy technologies. <i>Electric Power Systems Research</i> , 2022, 203, 107660.	2.1	28
2	Characterization of Technological Innovations in Photovoltaic Rural Electrification, Based on the Experiences of Bolivia, Peru, and Argentina: Third Generation Solar Home Systems. <i>Sustainability</i> , 2021, 13, 3032.	1.6	14
3	What Is Still Necessary for Supporting the SDG7 in the Most Vulnerable Contexts?. <i>Sustainability</i> , 2020, 12, 7184.	1.6	23
4	Decarbonizing the Galapagos Islands: Techno-Economic Perspectives for the Hybrid Renewable Mini-Grid Baltra“Santa Cruz. <i>Sustainability</i> , 2020, 12, 2282.	1.6	36
5	Hybrid renewable mini-grids on non-interconnected small islands: Review of case studies. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 116, 109417.	8.2	52
6	Lessons Learned from Rural Electrification Experiences with Third Generation Solar Home Systems in Latin America: Case Studies in Peru, Mexico, and Bolivia. <i>Sustainability</i> , 2019, 11, 7139.	1.6	31
7	Photovoltaic Systems with and without Radiation Concentrators for Temperate and Tropical Regions. <i>Energies</i> , 2015, 8, 12505-12529.	1.6	2
8	A model for the simulation of energy gains when using distributed maximum power point tracking (DMPPT) in photovoltaic arrays. <i>Progress in Photovoltaics: Research and Applications</i> , 2015, 23, 182-193.	4.4	3
9	Hot-spot mitigation in PV arrays with distributed MPPT (DMPPT). <i>Solar Energy</i> , 2014, 101, 131-137.	2.9	64
10	Electrical energy balance contest in Solar Decathlon Europe 2012. <i>Energy and Buildings</i> , 2014, 83, 36-43.	3.1	10
11	Experiences and methodology in a multidisciplinary energy and architecture competition: Solar Decathlon Europe 2012. <i>Energy and Buildings</i> , 2014, 83, 3-9.	3.1	24
12	Analytical study and evaluation results of power optimizers for distributed power conditioning in photovoltaic arrays. <i>Progress in Photovoltaics: Research and Applications</i> , 2013, 21, 359-373.	4.4	32
13	Automatic fault diagnosis in PV systems with distributed MPPT. <i>Energy Conversion and Management</i> , 2013, 76, 925-934.	4.4	89
14	Test procedures for maximum power point tracking charge controllers characterization. <i>Progress in Photovoltaics: Research and Applications</i> , 2012, 20, 310-320.	4.4	9
15	Dependability analysis of stand-alone photovoltaic systems. <i>Progress in Photovoltaics: Research and Applications</i> , 2007, 15, 245-264.	4.4	32
16	Experimental analysis of battery charge regulation in photovoltaic systems. <i>Progress in Photovoltaics: Research and Applications</i> , 2003, 11, 481-493.	4.4	23
17	Universal technical standard for solar home systems. <i>Progress in Photovoltaics: Research and Applications</i> , 1998, 6, 315-324.	4.4	19
18	The sizing of stand alone PV-system: A review and a proposed new method. <i>Solar Energy Materials and Solar Cells</i> , 1992, 26, 51-69.	3.0	150

#	ARTICLE	IF	CITATIONS
19	Bifacial Photovoltaic Panels with Sun Tracking. International Journal of Solar Energy, 1986, 4, 97-107.	0.2	17