Montserrat Diez-Mediavilla

List of Publications by Year
in descending order

15 papers	**167** citations	1162889 **8** h-index	1125617 **13** g-index
15 all docs	**15** docs citations	**15** times ranked	**169** citing authors

#	Article	IF	Citations
1	Experimental Analysis of a Novel PV/T Panel with PCM and Heat Pipes. Sustainability, 2020, 12, 1710.	1.6	31
2	Diffuse solar irradiance estimation on building's faÃ§ades: Review, classification and benchmarking of 30 models under all sky conditions. Renewable and Sustainable Energy Reviews, 2017, 77, 783-802.	8.2	30
3	Photovoltaic Prediction Software: Evaluation with Real Data from Northern Spain. Applied Sciences (Switzerland), 2021, 11, 5025.	1.3	16
4	Spanish Photovoltaic Solar Energy: Institutional Change, Financial Effects, and the Business Sector. Sustainability, 2020, 12, 1892.	1.6	14
5	Photosynthetic Active Radiation, Solar Irradiance and the CIE Standard Sky Classification. Applied Sciences (Switzerland), 2020, 10, 8007.	1.3	13
6	Shadow-band radiometer measurement of diffuse solar irradiance: Calculation of geometrical and total correction factors. Solar Energy, 2016, 139, 85-99.	2.9	11
7	New device for the simultaneous measurement of diffuse solar irradiance on several azimuth and tilting angles. Solar Energy, 2015, 119, 370-382.	2.9	10
8	Sunâ€trackers profitability analysis in Spain. Progress in Photovoltaics: Research and Applications, 2014, 22, 1010-1022.	4.4	8
9	Regression and ANN Models for Electronic Circuit Design. Complexity, 2018, 2018, 1-9.	0.9	8
10	Review of the Legislative Framework for the Remuneration of Photovoltaic Production in Spain: A Case Study. Sustainability, 2020, 12, 1214.	1.6	7
11	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, .	0.8	6
12	Real Energy Payback Time and Carbon Footprint of a GCPVS. AIMS Energy, 2017, 5, 77-95.	1.1	5
13	Extension of PAR Models under Local All-Sky Conditions to Different Climatic Zones. Applied Sciences (Switzerland), 2022, 12, 2372.	1.3	4
14	Evaluation of the Vertical Sky Component without Obstructions for Daylighting in Burgos, Spain. Applied Sciences (Switzerland), 2020, 10, 3095.	1.3	3
15	Pixel-Based Image Processing for CIE Standard Sky Classification through ANN. Complexity, 2021, 2021, 1-15.	0.9	1