

Luis MartÃ-n-Pomares

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,404
citations

471061

17
h-index

752256

20
g-index

21
all docs

21
docs citations

21
times ranked

1451
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of numerical weather prediction solar irradiance forecasts in the US, Canada and Europe. <i>Solar Energy</i> , 2013, 94, 305-326.	2.9	282
2	Prediction of global solar irradiance based on time series analysis: Application to solar thermal power plants energy production planning. <i>Solar Energy</i> , 2010, 84, 1772-1781.	2.9	261
3	Preliminary survey on site-adaptation techniques for satellite-derived and reanalysis solar radiation datasets. <i>Solar Energy</i> , 2016, 132, 25-37.	2.9	136
4	Analysis of different comparison parameters applied to solar radiation data from satellite and German radiometric stations. <i>Solar Energy</i> , 2009, 83, 118-125.	2.9	111
5	Using fuzzy MCDM technique to find the best location in Qatar for exploiting wind and solar energy to generate hydrogen and electricity. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 13862-13875.	3.8	98
6	Feasibility study on the provision of electricity and hydrogen for domestic purposes in the south of Iran using grid-connected renewable energy plants. <i>Energy Strategy Reviews</i> , 2019, 23, 23-32.	3.3	76
7	A new statistical approach for deriving global solar radiation from satellite images. <i>Solar Energy</i> , 2009, 83, 480-484.	2.9	65
8	Analysis of the long-term solar potential for electricity generation in Qatar. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 1231-1246.	8.2	58
9	Solar radiation estimations over India using Meteosat satellite images. <i>Solar Energy</i> , 2011, 85, 2395-2406.	2.9	50
10	Benchmarking on improvement and site-adaptation techniques for modeled solar radiation datasets. <i>Solar Energy</i> , 2020, 201, 469-479.	2.9	42
11	Correcting satellite derived DNI with systematic and seasonal deviations: Application to India. <i>Renewable Energy</i> , 2015, 80, 238-243.	4.3	38
12	Estimation of daily Linke turbidity factor by using global irradiance measurements at solar noon. <i>Solar Energy</i> , 2009, 83, 1177-1185.	2.9	34
13	An adaptive multi-modeling approach to solar nowcasting. <i>Solar Energy</i> , 2016, 125, 77-85.	2.9	29
14	Multi-year field assessment of seasonal variability of photovoltaic soiling and environmental factors in a desert environment. <i>Solar Energy</i> , 2020, 211, 1392-1402.	2.9	27
15	Angular dependence of the albedo estimated in models for solar radiation derived from geostationary satellites. <i>Solar Energy</i> , 2013, 93, 256-266.	2.9	18
16	Simulating global horizontal irradiance in the Arabian Peninsula: Sensitivity to explicit treatment of aerosols. <i>Solar Energy</i> , 2018, 163, 347-355.	2.9	18
17	Revision of ground albedo estimation in Heliosat scheme for deriving solar radiation from SEVIRI HRV channel of Meteosat satellite. <i>Solar Energy</i> , 2012, 86, 275-282.	2.9	17
18	A through analysis of solar irradiation measurements in the region of Arica Parinacota, Chile. <i>Renewable Energy</i> , 2017, 112, 197-208.	4.3	17

#	ARTICLE	IF	CITATIONS
19	UV Index Forecasting under the Influence of Desert Dust: Evaluation against Surface and Satellite-Retrieved Data. Atmosphere, 2020, 11, 96.	1.0	16
20	Improved quality control protocols on solar radiation measurements. Solar Energy, 2018, 169, 425-433.	2.9	11
21	Nowcasting of Solar Irradiance with Autorregressive Models in Qatar. , 2016, , .		0