

Almudena Garcia Gorostiaga

List of Publications by Year in descending order

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19
papers

1,427
citations

686830

13
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

1509
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic simulation and modelling of stand-alone PV systems by using state equations and numerical integration methods. Applied Energy, 2014, 135, 440-449.	5.1	19
2	Synthetic generation of standard sky types series using Markov Transition Matrices. Renewable Energy, 2014, 62, 731-736.	4.3	2
3	Comparison of four luminance and radiance angular distribution models for radiance estimation. Solar Energy, 2011, 85, 2202-2216.	2.9	12
4	A study of zenith radiance in Pamplona under different sky conditions. Renewable Energy, 2010, 35, 830-838.	4.3	2
5	Comparative study of various models in estimating hourly diffuse solar irradiance. Renewable Energy, 2010, 35, 1325-1332.	4.3	73
6	Sky luminance distribution in Pamplona (Spain) during the summer period. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 382-388.	0.6	24
7	Sky luminance distribution in the North of Iberian Peninsula during winter. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 1147-1154.	0.6	20
8	Calculation of the horizon brightness irradiance in the model of Perez using the unit-sphere method. Renewable Energy, 2008, 33, 149-154.	4.3	7
9	Characterisation of an Electric Motor Directly coupled to a Photovoltaic Solar Array in a Refrigeration Facility for Milk Cooling. Biosystems Engineering, 2006, 95, 461-471.	1.9	8
10	New equations for the calculation of the horizon brightness irradiance in the model of Perez. Solar Energy, 2006, 80, 746-750.	2.9	6
11	Forecast of hourly average wind speed with ARMA models in Navarre (Spain). Solar Energy, 2005, 79, 65-77.	2.9	549
12	Dielectric Characteristics of Grape Juice and Wine. Biosystems Engineering, 2004, 88, 343-349.	1.9	38
13	Effects of the model selected for the power curve on the site effectiveness and the capacity factor of a pitch regulated wind turbine. Solar Energy, 2003, 74, 93-102.	2.9	22
14	A refrigeration facility for milk cooling powered by photovoltaic solar energy. Progress in Photovoltaics: Research and Applications, 2003, 11, 467-479.	4.4	22
15	Selecting a suitable model for characterizing photovoltaic devices. Renewable Energy, 2002, 25, 371-380.	4.3	286
16	Development and testing of a prototype of low-power water-ammonia absorption equipment for solar energy applications. Renewable Energy, 2002, 25, 537-544.	4.3	42
17	Dielectric properties of grape juice at 0.2 and 3 GHz. Journal of Food Engineering, 2001, 48, 203-211.	2.7	47
18	Characterization of wind speed data according to wind direction. Solar Energy, 1999, 66, 57-64.	2.9	19

#	ARTICLE	IF	CITATIONS
19	Fitting wind speed distributions: a case study. Solar Energy, 1998, 62, 139-144.	2.9	229