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List of Publications by Year
in descending order

27 papers	**1,510** citations	516215 **16** h-index	610482 **24** g-index
27 all docs	**27** docs citations	**27** times ranked	**1602** citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of the adequacy of EN ISO 15927‑4 reference years for photovoltaic systems. Progress in Photovoltaics: Research and Applications, 2015, 23, 1956-1969.	4.4	8
2	Optical losses due to tracking error estimation for a low concentrating solar collector. Energy Conversion and Management, 2015, 92, 194-206.	4.4	23
3	Optical and thermal characterization procedure for a variable geometry concentrator: A standard approach. Renewable Energy, 2014, 68, 842-852.	4.3	17
4	Synthetic Images for Evaluating Topographic Correction Algorithms. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1799-1810.	2.7	26
5	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
6	Synthetic generation of standard sky types series using Markov Transition Matrices. Renewable Energy, 2014, 62, 731-736.	4.3	2
7	Evaluación multitemporal de métodos de corrección topográfica mediante el uso de imágenes sintéticas multiespectrales. Revista De Teledeteccion, 2014, .	0.6	0
8	Multitemporal evaluation of topographic correction algorithms using synthetic images. , 2012, , .		0
9	Comparison of four luminance and radiance angular distribution models for radiance estimation. Solar Energy, 2011, 85, 2202-2216.	2.9	12
10	A study of zenith radiance in Pamplona under different sky conditions. Renewable Energy, 2010, 35, 830-838.	4.3	2
11	Comparative study of various models in estimating hourly diffuse solar irradiance. Renewable Energy, 2010, 35, 1325-1332.	4.3	73
12	Sky luminance distribution in Pamplona (Spain) during the summer period. Journal of Atmospheric and Solar-Terrestrial Physics, 2010, 72, 382-388.	0.6	24
13	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
14	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
15	Angular Distribution of Sky Diffuse Radiance and Luminance. , 2008, , 427-448.		2
16	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
17	New equations for the calculation of the horizon brightness irradiance in the model of Perez. Solar Energy, 2006, 80, 746-750.	2.9	6
18	Forecast of hourly average wind speed with ARMA models in Navarre (Spain). Solar Energy, 2005, 79, 65-77.	2.9	549

#	Article	IF	Citations
19	Dielectric Characteristics of Grape Juice and Wine. Biosystems Engineering, 2004, 88, 343-349.	1.9	38
20	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
21	Comparative study by simulation of photovoltaic pumping systems with stationary and polar tracking arrays. Progress in Photovoltaics: Research and Applications, 2003, 11, 453-465.	4.4	7
22	A refrigeration facility for milk cooling powered by photovoltaic solar energy. Progress in Photovoltaics: Research and Applications, 2003, 11, 467-479.	4.4	22
23	Selecting a suitable model for characterizing photovoltaic devices. Renewable Energy, 2002, 25, 371-380.	4.3	286
24	Development and testing of a prototype of low-power waterÃ¢Â€Â"ammonia absorption equipment for solar energy applications. Renewable Energy, 2002, 25, 537-544.	4.3	42
25	Dielectric properties of grape juice at 0.2 and 3 GHz. Journal of Food Engineering, 2001, 48, 203-211.	2.7	47
26	Characterization of wind speed data according to wind direction. Solar Energy, 1999, 66, 57-64.	2.9	19
27	Fitting wind speed distributions: a case study. Solar Energy, 1998, 62, 139-144.	2.9	229