Nuria Martn-Chivelet

List of Publications by Citations

26 papers	587 citations	11 h-index	24 g-index
32 ext. papers	714 ext. citations	5.4 avg, IF	4.36 L-index

#	Paper	IF	Citations
26	Calculation of the PV modules angular losses under field conditions by means of an analytical model. *Solar Energy Materials and Solar Cells*, **2001**, 70, 25-38	6.4	188
25	Energy saving potential of semi-transparent photovoltaic elements for building integration. *Energy*, **2014**, 76, 572-583	7.9	65
24	Photovoltaic potential and land-use estimation methodology. *Energy*, **2016**, 94, 233-242	7.9	49
23	Annual angular reflection losses in PV modules. *Progress in Photovoltaics: Research and Applications*, **2005**, 13, 75-84	6.8	49
22	A new method for the spectral characterisation of PV modules. *Progress in Photovoltaics: Research and Applications*, **1999**, 7, 299-310	6.8	38
21	Optimizing photovoltaic self-consumption in office buildings. *Energy and Buildings*, **2017**, 150, 71-80	7	31
20	Modeling temperature and thermal transmittance of building integrated photovoltaic modules. *Solar Energy*, **2019**, 184, 153-161	6.8	24
19	Building Retrofit with Photovoltaics: Construction and Performance of a BIPV Ventilated Fa□de. *Energies*, **2018**, 11, 1719	3.1	20
18	Comparative Performance of Semi-Transparent PV Modules and Electrochromic Windows for Improving Energy Efficiency in Buildings. *Energies*, **2018**, 11, 1526	3.1	19
17	A new model for PV modules angular losses under field conditions. *International Journal of Solar Energy*, **2002**, 22, 19-31		18
16	Luminous and solar characterization of PV modules for building integration. *Energy and Buildings*, **2015**, 103, 326-337	7	16
15	Typical Meteorological Year methodologies applied to solar spectral irradiance for PV applications. *Energy*, **2020**, 190, 116453	7.9	9
14	Optical performance analysis of V-trough PV concentrators. *Progress in Photovoltaics: Research and Applications*, **2008**, 16, 339-348	6.8	7
13	Economic Effect of Dust Particles on Photovoltaic Plant Production. *Energies*, **2020**, 13, 6376	3.1	7
12	Modeling I-V curves of photovoltaic modules at indoor and outdoor conditions by using the Lambert function. *Energy Conversion and Management*, **2019**, 195, 1004-1011	10.6	6
11	Comparison of conventional and accelerated lifetime testing of fluorescent lamps. *Lighting Research and Technology*, **2010**, 42, 243-259	2	5
10	Influence of Pollen on Solar Photovoltaic Energy: Literature Review and Experimental Testing with Pollen. *Applied Sciences (Switzerland)*, **2020**, 10, 4733	2.6	5

9	Modeling soiling losses for rooftop PV systems in suburban areas with nearby forest in Madrid. *Renewable Energy*, **2021**, 178, 420-428	8.1	4
8	Prediction of fluorescent lamp lifetimes with accelerated testing. *Lighting Research and Technology*, **2010**, 42, 467-478	2	3
7	Lifetime prediction of fluorescent lamps used in photovoltaic systems. *Lighting Research and Technology*, **2009**, 41, 183-197	2	3
6	Photovoltaic generation on vertical façades in urban context from open satellite-derived solar resource data. *Solar Energy*, **2021**, 224, 1396-1405	6.8	3
5	Assessment of PV Module Temperature Models for Building-Integrated Photovoltaics (BIPV). *Sustainability*, **2022**, 14, 1500	3.6	1
4	Soiling forecasting of solar plants: A combined heuristic approach and autoregressive model. *Energy*, **2021**, 239, 122442	7.9	1
3	Design of a Low-Cost Multiplexer for the Study of the Impact of Soiling on PV Panel Performance. *Energies*, **2021**, 14, 4186	3.1	1
2	Soiling loss characterization for Photovoltaics in buildings: A systematic analysis for the Madrid region. *Journal of Cleaner Production*, **2022**, 332, 130041	10.3	0
1	Measurement and Experimental Testing of Models for the Estimation of HourlySolar Radiation on Vertical Surfaces at Mexico City. *International Journal of Engineering and Technology(UAE)*, **2018**, 7, 129	0.8	