

Arno Krenzinger

List of Publications by Year in descending order

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21
papers

703
citations

516710

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752698

20
g-index

21
all docs

21
docs citations

21
times ranked

729
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental analysis of the single diode model parameters dependence on irradiance and temperature. Solar Energy, 2021, 217, 134-144.	6.1	21
2	Degradation analysis of a photovoltaic generator after operating for 15 years in southern Brazil. Solar Energy, 2020, 196, 196-206.	6.1	63
3	Assessment of spectral effects on outdoor characterization of PV modules using silicon reference cells with spectral filters. Solar Energy, 2020, 211, 767-778.	6.1	2
4	Statistical analysis of I-V curve parameters from photovoltaic modules. Solar Energy, 2016, 131, 30-38.	6.1	33
5	Assessment of PV modules shunt resistance dependence on solar irradiance. Solar Energy, 2016, 133, 35-43.	6.1	59
6	Development of paints with infrared radiation reflective properties. Polimeros, 2015, 25, 305-310.	0.7	47
7	Evacuated Tube Collectors - Influence of thermophysical properties in numerical simulations by CFD. IEEE Latin America Transactions, 2015, 13, 129-135.	1.6	0
8	Assessment and mathematical modeling of energy quality parameters of grid connected photovoltaic inverters. Renewable and Sustainable Energy Reviews, 2015, 52, 133-141.	16.4	20
9	Post-processing data of measured I-V curves of photovoltaic devices. Renewable Energy, 2014, 68, 602-610.	8.9	20
10	Method for photovoltaic parameter extraction according to a modified double diode model. Progress in Photovoltaics: Research and Applications, 2013, 21, 884-893.	8.1	20
11	Influence of Different Degrees of Complementarity of Solar and Hydro Energy Availability on the Performance of Hybrid Hydro PV Generating Plants. Energy and Power Engineering, 2013, 05, 332-342.	0.8	17
12	A method to evaluate the effect of complementarity in time between hydro and solar energy on the performance of hybrid hydro PV generating plants. Renewable Energy, 2012, 45, 24-30.	8.9	95
13	Three-dimensional analysis and investigation of the thermal and hydrodynamic behaviors of cylindrical storage tanks. Renewable Energy, 2011, 36, 1364-1373.	8.9	28
14	Artificial Intelligence Technics Applied to Analisis of Photovoltaic Energy Systems. IEEE Latin America Transactions, 2010, 8, 512-518.	1.6	2
15	A dimensionless index evaluating the time complementarity between solar and hydraulic energies. Renewable Energy, 2008, 33, 2157-2165.	8.9	80
16	PV hydro hybrid systems. IEEE Latin America Transactions, 2008, 6, 626-631.	1.6	18
17	Maps of sky relative radiance and luminance distributions acquired with a monochromatic CCD camera. Solar Energy, 2007, 81, 1323-1332.	6.1	23
18	Comparison between models for the simulation of hot water storage tanks. Solar Energy, 2003, 75, 121-134.	6.1	69

#	ARTICLE	IF	CITATIONS
19	Cooling of cylindrical vertical tanks submitted to natural internal convection. International Journal of Heat and Mass Transfer, 2003, 46, 2015-2026.	4.8	53
20	A Complementariedade no Tempo entre as Energias Hidrelétrica e Fotovoltaica. Revista Brasileira De Recursos Hidricos, 2003, 8, 99-109.	0.5	4
21	Estimation of Radiation Incident on Bifacial Albedo-Collecting Panels. International Journal of Solar Energy, 1986, 4, 297-319.	0.2	29