

Arno Krenzinger

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

703
citations

516710

16
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

729
citing authors

#	ARTICLE	IF	CITATIONS
1	A method to evaluate the effect of complementarity in time between hydro and solar energy on the performance of hybrid hydro PV generating plants. <i>Renewable Energy</i> , 2012, 45, 24-30.	8.9	95
2	A dimensionless index evaluating the time complementarity between solar and hydraulic energies. <i>Renewable Energy</i> , 2008, 33, 2157-2165.	8.9	80
3	Comparison between models for the simulation of hot water storage tanks. <i>Solar Energy</i> , 2003, 75, 121-134.	6.1	69
4	Degradation analysis of a photovoltaic generator after operating for 15 years in southern Brazil. <i>Solar Energy</i> , 2020, 196, 196-206.	6.1	63
5	Assessment of PV modules shunt resistance dependence on solar irradiance. <i>Solar Energy</i> , 2016, 133, 35-43.	6.1	59
6	Cooling of cylindrical vertical tanks submitted to natural internal convection. <i>International Journal of Heat and Mass Transfer</i> , 2003, 46, 2015-2026.	4.8	53
7	Development of paints with infrared radiation reflective properties. <i>Polimeros</i> , 2015, 25, 305-310.	0.7	47
8	Statistical analysis of I-V curve parameters from photovoltaic modules. <i>Solar Energy</i> , 2016, 131, 30-38.	6.1	33
9	Estimation of Radiation Incident on Bifacial Albedo-Collecting Panels. <i>International Journal of Solar Energy</i> , 1986, 4, 297-319.	0.2	29
10	Three-dimensional analysis and investigation of the thermal and hydrodynamic behaviors of cylindrical storage tanks. <i>Renewable Energy</i> , 2011, 36, 1364-1373.	8.9	28
11	Maps of sky relative radiance and luminance distributions acquired with a monochromatic CCD camera. <i>Solar Energy</i> , 2007, 81, 1323-1332.	6.1	23
12	Experimental analysis of the single diode model parameters dependence on irradiance and temperature. <i>Solar Energy</i> , 2021, 217, 134-144.	6.1	21
13	Method for photovoltaic parameter extraction according to a modified double diode model. <i>Progress in Photovoltaics: Research and Applications</i> , 2013, 21, 884-893.	8.1	20
14	Post-processing data of measured I-V curves of photovoltaic devices. <i>Renewable Energy</i> , 2014, 68, 602-610.	8.9	20
15	Assessment and mathematical modeling of energy quality parameters of grid connected photovoltaic inverters. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 52, 133-141.	16.4	20
16	PV hydro hybrid systems. <i>IEEE Latin America Transactions</i> , 2008, 6, 626-631.	1.6	18
17	Influence of Different Degrees of Complementarity of Solar and Hydro Energy Availability on the Performance of Hybrid Hydro PV Generating Plants. <i>Energy and Power Engineering</i> , 2013, 05, 332-342.	0.8	17
18	A Complementariedade no Tempo entre as Energias Hidrelétrica e Fotovoltaica. <i>Revista Brasileira De Recursos Hídricos</i> , 2003, 8, 99-109.	0.5	4

#	ARTICLE	IF	CITATIONS
19	Artificial Intelligence Technics Applied to Analisis of Photovoltaic Energy Systems. IEEE Latin America Transactions, 2010, 8, 512-518.	1.6	2
20	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
21	Evacuated Tube Collectors - Influence of thermophysical properties in numerical simulations by CFD. IEEE Latin America Transactions, 2015, 13, 129-135.	1.6	0