

VÃ-ctor MartÃ-nez-Moll

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

432
citations

840776

11
h-index

713466

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26
all docs

26
docs citations

26
times ranked

490
citing authors

#	ARTICLE	IF	CITATIONS
1	Incidence-Angle- and Wavelength-Resolved Ray-Tracing Simulations of a Linear Fresnel Collector Using the In-House Software otsun. Journal of Solar Energy Engineering, Transactions of the ASME, 2018, 140, .	1.8	1
2	Solar district heating and cooling: A review. International Journal of Energy Research, 2018, 42, 1419-1441.	4.5	41
3	Optimal management of a complex DHC plant. Energy Conversion and Management, 2017, 145, 386-397.	9.2	17
4	FPGA-Based Stochastic Echo State Networks for Time-Series Forecasting. Computational Intelligence and Neuroscience, 2016, 2016, 1-14.	1.7	40
5	DHC Load Management Using Demand Forecast. Energy Procedia, 2016, 91, 557-566.	1.8	5
6	Influence of thermal losses on the incidence angle modifier factorization approach. Solar Energy, 2016, 135, 50-58.	6.1	4
7	Spanish Renewable Energy Generation Short-Term Forecast. , 2016, , .		1
8	Short-Term Spanish Aggregated Solar Energy Forecast. Lecture Notes in Computer Science, 2015, , 307-319.	1.3	4
9	Collaborative distributed sun-tracking control system for building integration with minimal plant area and maximum energy-conversion efficiency. International Journal of Electrical Power and Energy Systems, 2015, 70, 52-60.	5.5	9
10	Toward a standard testing methodology for solar thermal collectors with variable-geometry: The direct radiation incidence angle modifier issue. Solar Energy, 2015, 121, 31-40.	6.1	4
11	Optical and thermal characterization of a variable geometry concentrator using ray-tracing tools and experimental data. Applied Energy, 2015, 155, 110-119.	10.1	12
12	An assessment of the relationship between embodied and thermal energy demands in dwellings in a Mediterranean climate. Energy and Buildings, 2015, 109, 230-244.	6.7	28
13	Saving potential for embodied energy and CO ₂ emissions from building elements: A case study. Journal of Building Physics, 2015, 39, 261-284.	2.4	12
14	Estimation of the influence of different incidence angle modifier models on the biaxial factorization approach. Energy Conversion and Management, 2015, 106, 249-259.	9.2	21
15	Optical characterization of a fixed mirror solar concentrator prototype by the ray-tracing procedure. Journal of Renewable and Sustainable Energy, 2014, 6, 043105.	2.0	7
16	Towards a Standard Testing Methodology for Medium-temperature Solar Collectors with Variable Geometry. Energy Procedia, 2014, 57, 2904-2913.	1.8	4
17	Solar Thermal Potential for Collective Systems in Palma Beach (Balearic Island's). Energy Procedia, 2014, 48, 1118-1123.	1.8	5
18	Optical and thermal characterization procedure for a variable geometry concentrator: A standard approach. Renewable Energy, 2014, 68, 842-852.	8.9	17

#	ARTICLE	IF	CITATIONS
19	Parametric analysis of the curved slats fixed mirror solar concentrator for medium temperature applications. Energy Conversion and Management, 2014, 78, 676-683.	9.2	11
20	Parametric Analysis of the Fixed Mirror Solar Concentrator for Medium Temperature Applications. Journal of Solar Energy Engineering, Transactions of the ASME, 2014, 136, .	1.8	10
21	Optical analysis of a curved-slats fixed-mirror solar concentrator by a forward ray-tracing procedure. Applied Optics, 2013, 52, 7389.	2.1	12
22	Optical Analysis of the Fixed Mirror Solar Concentrator by Forward Ray-Tracing Procedure. Journal of Solar Energy Engineering, Transactions of the ASME, 2012, 134, .	1.8	20
23	Numerical and experimental analysis of stresses and failure in T-bolt joints. Composite Structures, 2011, 93, 2636-2645.	5.8	13
24	Design Improvements and Evaluation of the New CCStaR Collector. , 2011, , .		3
25	Energy use, CO2 emissions and waste throughout the life cycle of a sample of hotels in the Balearic Islands. Energy and Buildings, 2010, 42, 547-558.	6.7	129
26	Net Zero Energy in Hotels and Touristic Areas in the Balearic Islands. , 2010, , .		2