

# 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

21  
g-index

26  
all docs

26  
docs citations

26  
times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy use, CO <sub>2</sub> emissions and waste throughout the life cycle of a sample of hotels in the Balearic Islands. <i>Energy and Buildings</i> , 2010, 42, 547-558.	6.7	129
2	Solar district heating and cooling: A review. <i>International Journal of Energy Research</i> , 2018, 42, 1419-1441.	4.5	41
3	FPGA-Based Stochastic Echo State Networks for Time-Series Forecasting. <i>Computational Intelligence and Neuroscience</i> , 2016, 2016, 1-14.	1.7	40
4	An assessment of the relationship between embodied and thermal energy demands in dwellings in a Mediterranean climate. <i>Energy and Buildings</i> , 2015, 109, 230-244.	6.7	28
5	Estimation of the influence of different incidence angle modifier models on the biaxial factorization approach. <i>Energy Conversion and Management</i> , 2015, 106, 249-259.	9.2	21
6	Optical Analysis of the Fixed Mirror Solar Concentrator by Forward Ray-Tracing Procedure. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2012, 134, .	1.8	20
7	Optical and thermal characterization procedure for a variable geometry concentrator: A standard approach. <i>Renewable Energy</i> , 2014, 68, 842-852.	8.9	17
8	Optimal management of a complex DHC plant. <i>Energy Conversion and Management</i> , 2017, 145, 386-397.	9.2	17
9	Numerical and experimental analysis of stresses and failure in T-bolt joints. <i>Composite Structures</i> , 2011, 93, 2636-2645.	5.8	13
10	Optical analysis of a curved-slats fixed-mirror solar concentrator by a forward ray-tracing procedure. <i>Applied Optics</i> , 2013, 52, 7389.	2.1	12
11	Optical and thermal characterization of a variable geometry concentrator using ray-tracing tools and experimental data. <i>Applied Energy</i> , 2015, 155, 110-119.	10.1	12
12	Saving potential for embodied energy and CO <sub>2</sub> emissions from building elements: A case study. <i>Journal of Building Physics</i> , 2015, 39, 261-284.	2.4	12
13	Parametric analysis of the curved slats fixed mirror solar concentrator for medium temperature applications. <i>Energy Conversion and Management</i> , 2014, 78, 676-683.	9.2	11
14	Parametric Analysis of the Fixed Mirror Solar Concentrator for Medium Temperature Applications. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2014, 136, .	1.8	10
15	Collaborative distributed sun-tracking control system for building integration with minimal plant area and maximum energy-conversion efficiency. <i>International Journal of Electrical Power and Energy Systems</i> , 2015, 70, 52-60.	5.5	9
16	Optical characterization of a fixed mirror solar concentrator prototype by the ray-tracing procedure. <i>Journal of Renewable and Sustainable Energy</i> , 2014, 6, 043105.	2.0	7
17	Solar Thermal Potential for Collective Systems in Palma Beach (Balearic Island's). <i>Energy Procedia</i> , 2014, 48, 1118-1123.	1.8	5
18	DHC Load Management Using Demand Forecast. <i>Energy Procedia</i> , 2016, 91, 557-566.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Towards a Standard Testing Methodology for Medium-temperature Solar Collectors with Variable Geometry. Energy Procedia, 2014, 57, 2904-2913.	1.8	4
20	Short-Term Spanish Aggregated Solar Energy Forecast. Lecture Notes in Computer Science, 2015, , 307-319.	1.3	4
21	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
22	Influence of thermal losses on the incidence angle modifier factorization approach. Solar Energy, 2016, 135, 50-58.	6.1	4
23	Design Improvements and Evaluation of the New CCStaR Collector. , 2011, , .		3
24	Net Zero Energy in Hotels and Touristic Areas in the Balearic Islands. , 2010, , .		2
25	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
26	Spanish Renewable Energy Generation Short-Term Forecast. , 2016, , .		1