

Orlando Lastres

List of Publications by Year in descending order

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15
papers

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citations

1478280

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1125617

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docs citations

16
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Harnessing Offshore Wind Energy along the Mexican Coastline in the Gulf of Mexico—An Exploratory Study including Sustainability Criteria. Sustainability, 2022, 14, 5877.	1.6	3
2	Considerations for the structural analysis and design of wind turbine towers: A review. Renewable and Sustainable Energy Reviews, 2021, 137, 110447.	8.2	36
3	Theoretical and Experimental Analysis of Aerodynamic Noise in Small Wind Turbines. Energies, 2021, 14, 727.	1.6	6
4	Improvement of biofilm formation for application in a single chamber microbial electrolysis cell. Fuel Cells, 2021, 21, 317.	1.5	4
5	Dimensioning Optimization of the Permanent Magnet Synchronous Generator for Direct Drive Wind Turbines. Energies, 2021, 14, 7106.	1.6	4
6	Entropy generation minimization and nonlinear heat transport in MHD flow of a couple stress nanofluid through an inclined permeable channel with a porous medium, thermal radiation and slip. Heat Transfer, 2020, 49, 4878-4906.	1.7	10
7	Optimization of MHD nanofluid flow in a vertical microchannel with a porous medium, nonlinear radiation heat flux, slip flow and convective—radiative boundary conditions. Journal of Thermal Analysis and Calorimetry, 2019, 135, 3401-3420.	2.0	46
8	A new method for characterization of small capacity wind turbines with permanent magnet synchronous generator: An experimental study. Heliyon, 2018, 4, e00732.	1.4	10
9	Cineética de secado de Moringa oleifera. Revista Mexicana De Ciencias Agrícolas, 2018, 9, 935-947.	0.0	2
10	Entropy generation analysis of MHD nanofluid flow in a porous vertical microchannel with nonlinear thermal radiation, slip flow and convective-radiative boundary conditions. International Journal of Heat and Mass Transfer, 2017, 107, 982-994.	2.5	144
11	Diseño, construcción y evaluación de un secador solar para mango Ataulfo. Revista Mexicana De Ciencias Agrícolas, 2017, 8, 1719-1732.	0.0	5
12	Hydrogen production by Spirulina maxima 2342 under different light intensities and quantification employing a fuel cell. International Journal of Global Warming, 2015, 8, 86.	0.2	0
13	Selection of hybrid systems with hydrogen storage based on multiple criteria: application to autonomous systems and connected to the electrical grid. International Journal of Energy Research, 2014, 38, 702-713.	2.2	6
14	Analysis of the current methods used to size a wind/hydrogen/fuel cell-integrated system: A new perspective. International Journal of Energy Research, 2010, 34, 1042-1051.	2.2	7
15	Use of the multicriteria analysis methods to optimize sustainable energy systems based on renewable sources. Journal-urban-rural and Regional Economy, 0, , 15-29.	0.0	0