

Fernando Dias

List of Publications by Year in descending order

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23
papers

1,052
citations

840776

11
h-index

1125743

13
g-index

23
all docs

23
docs citations

23
times ranked

1221
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental adjustment and validation of a generalized solar-assisted cogeneration system model. International Journal of Energy Research, 2019, 43, 5319-5332.	4.5	0
2	Integration of flow battery for resilience enhancement of advanced distribution grids. International Journal of Electrical Power and Energy Systems, 2019, 109, 314-324.	5.5	17
3	Experimental Calibration of a Biohydrogen Production Estimation Model. Journal of Verification, Validation and Uncertainty Quantification, 2019, 4, .	0.4	0
4	Hydrogen and Compounds With Biological Activity From Microalgae. , 2019, , .		0
5	A genset and mini-photobioreactor association for CO2 capturing, enhanced microalgae growth and multigeneration. Renewable Energy, 2018, 125, 985-994.	8.9	10
6	Impact of controlled and uncontrolled charging of electrical vehicles on a residential distribution grid. , 2018, , .		9
7	Experimental Calibration of a Biohydrogen Production Estimation Model. , 2018, , .		0
8	Enhanced biohydrogen production from microalgae by diesel engine hazardous emissions fixation. International Journal of Hydrogen Energy, 2017, 42, 21463-21475.	7.1	29
9	Enabling fast charging " Vehicle considerations. Journal of Power Sources, 2017, 367, 216-227.	7.8	129
10	Enabling fast charging " Infrastructure and economic considerations. Journal of Power Sources, 2017, 367, 237-249.	7.8	130
11	Enabling fast charging " A battery technology gap assessment. Journal of Power Sources, 2017, 367, 250-262.	7.8	342
12	Enabling fast charging " Battery thermal considerations. Journal of Power Sources, 2017, 367, 228-236.	7.8	216
13	Enabling fast charging " Introduction and overview. Journal of Power Sources, 2017, 367, 214-215.	7.8	35
14	Potential for Plug-In Electric Vehicles to provide grid support services. , 2017, , .		7
15	Electrolyzers Enhancing Flexibility in Electric Grids. Energies, 2017, 10, 1836.	3.1	27
16	A TWO-DIMENSIONAL THERMODYNAMIC MODEL TO PREDICT HEART THERMAL RESPONSE DURING OPEN CHEST PROCEDURES. Revista De Engenharia Tmica, 2016, 15, 44.	0.2	0
17	An infrared image based methodology for breast lesions screening. Infrared Physics and Technology, 2016, 76, 710-721.	2.9	9
18	DEVELOPMENT OF AN AIR HEATING AND HUMIDIFYING SYSTEM FOR MECHANICAL VENTILATION OF INTENSIVE CARE UNIT PATIENTS. Revista De Engenharia Tmica, 2009, 8, 03.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Notional all-electric ship thermal simulation and visualization. , 2009, , .		6
20	Normalized methodology for medical infrared imaging. Infrared Physics and Technology, 2009, 52, 42-47.	2.9	44
21	Modeling, Simulation and Optimization of a Solar System for Water Heating and Absorption Cooling. , 2008, , .		1
22	Infrared imaging contribution for intestinal ischemia detection in wound healing. Acta Cirurgica Brasileira, 2008, 23, 511-519.	0.7	13
23	Constructal flow structure for a single SOFC. International Journal of Energy Research, 2007, 31, 1337-1357.	4.5	28