

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	Enabling fast charging – A battery technology gap assessment. Journal of Power Sources, 2017, 367, 250-262.	7.8	342
2	Enabling fast charging – Battery thermal considerations. Journal of Power Sources, 2017, 367, 228-236.	7.8	216
3	Enabling fast charging – Infrastructure and economic considerations. Journal of Power Sources, 2017, 367, 237-249.	7.8	130
4	Enabling fast charging – Vehicle considerations. Journal of Power Sources, 2017, 367, 216-227.	7.8	129
5	Normalized methodology for medical infrared imaging. Infrared Physics and Technology, 2009, 52, 42-47.	2.9	44
6	Enabling fast charging – Introduction and overview. Journal of Power Sources, 2017, 367, 214-215.	7.8	35
7	Enhanced biohydrogen production from microalgae by diesel engine hazardous emissions fixation. International Journal of Hydrogen Energy, 2017, 42, 21463-21475.	7.1	29
8	Constructal flow structure for a single SOFC. International Journal of Energy Research, 2007, 31, 1337-1357.	4.5	28
9	Electrolyzers Enhancing Flexibility in Electric Grids. Energies, 2017, 10, 1836.	3.1	27
10	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
11	Infrared imaging contribution for intestinal ischemia detection in wound healing. Acta Cirurgica Brasileira, 2008, 23, 511-519.	0.7	13
12	A genset and mini-photobioreactor association for CO2 capturing, enhanced microalgae growth and multigeneration. Renewable Energy, 2018, 125, 985-994.	8.9	10
13	An infrared image based methodology for breast lesions screening. Infrared Physics and Technology, 2016, 76, 710-721.	2.9	9
14	Impact of controlled and uncontrolled charging of electrical vehicles on a residential distribution grid. , 2018, , .		9
15	Potential for Plug-In Electric Vehicles to provide grid support services. , 2017, , .		7
16	Notional all-electric ship thermal simulation and visualization. , 2009, , .		6
17	Modeling, Simulation and Optimization of a Solar System for Water Heating and Absorption Cooling. , 2008, , .		1
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	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
20	Experimental Calibration of a Biohydrogen Production Estimation Model. , 2018, , .		0
21	Experimental adjustment and validation of a generalized solar-assisted cogeneration system model. International Journal of Energy Research, 2019, 43, 5319-5332.	4.5	0
22	Experimental Calibration of a Biohydrogen Production Estimation Model. Journal of Verification, Validation and Uncertainty Quantification, 2019, 4, .	0.4	0
23	Hydrogen and Compounds With Biological Activity From Microalgae. , 2019, , .		0