

Giosue Giacoppo

List of Publications by Year in descending order

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26
papers

552
citations

567281

15
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

692
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the bolt torque on PEFC performance with different gasket materials. International Journal of Hydrogen Energy, 2011, 36, 13043-13050.	7.1	57
2	Cost Analysis of Direct Methanol Fuel Cell Stacks for Mass Production. Energies, 2016, 9, 1008.	3.1	54
3	Measurement of the clamping pressure distribution in polymer electrolyte fuel cells using piezoresistive sensor arrays and digital image correlation techniques. Journal of Power Sources, 2011, 196, 8484-8493.	7.8	48
4	Simple and functional direct methanol fuel cell stack designs for application in portable and auxiliary power units. International Journal of Hydrogen Energy, 2016, 41, 12320-12329.	7.1	39
5	Effect of operative conditions on a PEFC stack performance. International Journal of Hydrogen Energy, 2008, 33, 3137-3141.	7.1	38
6	Design of a biogas steam reforming reactor: A modelling and experimental approach. International Journal of Hydrogen Energy, 2016, 41, 11577-11583.	7.1	33
7	Polymer electrolyte fuel cell stack research and development. International Journal of Hydrogen Energy, 2008, 33, 1941-1946.	7.1	32
8	2â€kW Modular PEM fuel cell stack for space applications: Development and test for operation under relevant conditions. Applied Energy, 2019, 242, 1683-1696.	10.1	31
9	High performance electrospun nickel manganite on carbon nanofibers electrode for vanadium redox flow battery. Electrochimica Acta, 2020, 355, 136755.	5.2	24
10	1.5â€kWe HT-PEFC stack with composite MEA for CHP application. International Journal of Hydrogen Energy, 2013, 38, 11619-11627.	7.1	23
11	Thermal study of a SOFC system integration in a fuselage of a hybrid electric mini UAV. International Journal of Hydrogen Energy, 2017, 42, 28022-28033.	7.1	23
12	Design and development of a 7kW polymer electrolyte membrane fuel cell stack for UPS application. International Journal of Hydrogen Energy, 2010, 35, 9983-9989.	7.1	21
13	Polymer electrolyte fuel cell mini power unit for portable application. Journal of Power Sources, 2007, 169, 334-337.	7.8	18
14	Design of an Innovative Graphite Exchanger for Adsorption Heat Pumps and Chillers. Energy Procedia, 2015, 81, 1030-1040.	1.8	16
15	Innovative zeolite coatings on graphite plates for advanced adsorbers. Applied Thermal Engineering, 2014, 72, 153-159.	6.0	15
16	CFD analysis of the flow-field scale-up influence on the electrodes performance in a PEFC. Journal of Power Sources, 2005, 152, 67-74.	7.8	12
17	Direct methanol fuel cell stack for auxiliary power units applications based on fumapem® F-1850 membrane. International Journal of Hydrogen Energy, 2017, 42, 26889-26896.	7.1	12
18	Computer aided fuel cell design and scale-up, comparison between model and experimental results. Journal of Applied Electrochemistry, 2006, 37, 87-93.	2.9	11

#	ARTICLE	IF	CITATIONS
19	Energy and provision management study: A research activity on fuel cell design and breadboarding for lunar surface applications supported by European Space Agency. International Journal of Hydrogen Energy, 2014, 39, 14079-14096.	7.1	10
20	Eruptive water transport in PEMFC: A single-drop capillary model. International Journal of Hydrogen Energy, 2015, 40, 14667-14675.	7.1	10
21	Stack Operation Using Composite Membrane-Electrodes Assemblies at 120°C. Journal of Fuel Cell Science and Technology, 2012, 9, .	0.8	7
22	Water Splitting with Enhanced Efficiency Using a Nickel-Based Co-Catalyst at a Cupric Oxide Photocathode. Catalysts, 2021, 11, 1363.	3.5	7
23	Polymer Electrolyte Fuel Cell Stacks at CNR-ITAE: State of the Art. Journal of Fuel Cell Science and Technology, 2007, 4, 350-356.	0.8	5
24	Performance assessment of an integrated PEFC and an hydrogen storage device based on innovative material. International Journal of Hydrogen Energy, 2015, 40, 17388-17393.	7.1	3
25	Direct Methanol Fuel Cell Stack Design and Test in the Framework of DURAMET Project. Advances in Science and Technology, 0, , .	0.2	2
26	Assessment of Fuel Cell's Endplate Out of Plane Deformation Using Digital Image Correlation. Lecture Notes in Electrical Engineering, 2011, , 443-447.	0.4	1