

Fabio V Matera

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1163117

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docs citations

11
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of properties and operating parameters of a passive DMFC mini-stack at ambient temperature. <i>Journal of Power Sources</i> , 2008, 180, 797-802.	7.8	59
2	Investigation of passive DMFC mini-stacks at ambient temperature. <i>Electrochimica Acta</i> , 2009, 54, 2004-2009.	5.2	50
3	Synthesis and characterization of composite membranes modified with Halloysite nanotubes and phosphotungstic acid for electrochemical hydrogen pumps. <i>Renewable Energy</i> , 2018, 122, 163-172.	8.9	26
4	Nanocomposite membrane based on SPEEK as a perspectives application in electrochemical hydrogen compressor. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4839-4850.	7.1	20
5	An integrated approach to hydrogen economy in Sicilian islands. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 7009-7014.	7.1	19
6	Batteries analysis for FC-hybrid powertrain optimization. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 3230-3234.	7.1	13
7	Effects of the Chemical Treatment on the Physical-Chemical and Electrochemical Properties of the Commercial Nafionâ„¢ NR212 Membrane. <i>Materials</i> , 2020, 13, 5254.	2.9	13
8	Fuel cell performance assessment for closed-loop renewable energy systems. <i>Journal of Energy Chemistry</i> , 2016, 25, 531-538.	12.9	11
9	Fuel Cell Fractional-Order Model via Electrochemical Impedance Spectroscopy. <i>Fractal and Fractional</i> , 2021, 5, 21.	3.3	7
10	Performance assessment of an integrated PEFC and an hydrogen storage device based on innovative material. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 17388-17393.	7.1	3
11	A Fuel Cell Hybrid Powertrain Development. <i>ECS Transactions</i> , 2007, 5, 721-732.	0.5	2