

Fabio V Matera

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Fuel Cell Fractional-Order Model via Electrochemical Impedance Spectroscopy. <i>Fractal and Fractional</i> , 2021, 5, 21. | 3.3 | 7 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Fuel cell performance assessment for closed-loop renewable energy systems. <i>Journal of Energy Chemistry</i> , 2016, 25, 531-538. | 12.9 | 11 |
| 6 | 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 |
| 7 | Investigation of passive DMFC mini-stacks at ambient temperature. <i>Electrochimica Acta</i> , 2009, 54, 2004-2009. | 5.2 | 50 |
| 8 | An integrated approach to hydrogen economy in Sicilian islands. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 7009-7014. | 7.1 | 19 |
| 9 | 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 |
| 10 | Batteries analysis for FC-hybrid powertrain optimization. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 3230-3234. | 7.1 | 13 |
| 11 | A Fuel Cell Hybrid Powertrain Development. <i>ECS Transactions</i> , 2007, 5, 721-732. | 0.5 | 2 |