

Rolando Pedicini

List of Publications by Year in descending order

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15
papers

283
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932766

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1058022

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426
citing authors

#	ARTICLE	IF	CITATIONS
1	Composites Nafion-titania membranes for Polymer Electrolyte Fuel Cell (PEFC) applications at low relative humidity levels: Chemical physical properties and electrochemical performance. <i>Polymer Testing</i> , 2016, 56, 10-18.	2.3	52
2	Posidonia Oceanica and Wood chips activated carbon as interesting materials for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 14038-14047.	3.8	48
3	Composite polymer electrolyte membranes based on Mg-Al layered double hydroxide (LDH) platelets for H ₂ /air-fed fuel cells. <i>Solid State Ionics</i> , 2015, 276, 40-46.	1.3	41
4	Investigation on composite S-PEEK/H-BETA MEAs for medium temperature PEFC. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 3153-3158.	3.8	27
5	Smart catalyst deposition by 3D printing for Polymer Electrolyte Membrane Fuel Cell manufacturing. <i>Renewable Energy</i> , 2021, 163, 414-422.	4.3	21
6	Tuning supramolecular chirality in nano and mesoscopic porphyrin J-aggregates. <i>Dyes and Pigments</i> , 2017, 142, 255-261.	2.0	18
7	Porphyrin/sPEEK Membranes with Improved Conductivity and Durability for PEFC Technology. <i>ACS Applied Energy Materials</i> , 2018, 1, 1664-1673.	2.5	16
8	Effects of the Chemical Treatment on the Physical-Chemical and Electrochemical Properties of the Commercial Nafion [®] , ϕ NR212 Membrane. <i>Materials</i> , 2020, 13, 5254.	1.3	13
9	Conductivity and dielectric relaxation in crosslinked PVA by oxalic and citric acids. <i>Polymer Science - Series A</i> , 2015, 57, 321-329.	0.4	12
10	Influence of doping level in Yttria-Stabilised-Zirconia (YSZ) based-fillers as degradation inhibitors for proton exchange membranes fuel cells (PEMFCs) in drastic conditions. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 31445-31457.	3.8	12
11	Comparative Investigation on Nano-Sized SiO ₂ as a Filler for Proton Exchange Membranes (PEM) Fuel Cells. <i>ECS Transactions</i> , 2007, 11, 357-366.	0.3	9
12	Development of palladium catalysts modified by ruthenium and molybdenum as anode in direct ethanol fuel cell. <i>Materials for Renewable and Sustainable Energy</i> , 2021, 10, 1.	1.5	6
13	Stochastic Reconstruction at Two Scales and Experimental Validation to Determine the Effective Electrical Resistivity of a PEMFC Catalyst Layer. <i>ECS Transactions</i> , 2011, 41, 2061-2071.	0.3	5
14	PdAg/C Electrocatalysts Synthesized by Thermal Decomposition of Polymeric Precursors Improve Catalytic Activity for Ethanol Oxidation Reaction. <i>Catalysts</i> , 2022, 12, 96.	1.6	3
15	Special Issue "Hydrogen Storage and Fuel Cells: Materials, Characterization and Applications" <i>Materials</i> , 2022, 15, 423.	1.3	0