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List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

295
citations

932766

10
h-index

940134

16
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19
all docs

19
docs citations

19
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrooxidation of crude glycerol as waste from biodiesel in a nanofluidic fuel cell using Cu@Pd/C and Cu@Pt/C. Fuel, 2016, 183, 195-205.	3.4	44
2	Microfluidic water splitting cell using 3D NiFe ₂ O ₄ hollow spheres. Journal of Power Sources, 2019, 412, 505-513.	4.0	43
3	Light-harvesting Ni/TiO ₂ nanotubes as photo-electrocatalyst for alcohol oxidation in alkaline media. Electrochimica Acta, 2016, 206, 388-399.	2.6	30
4	Synthesis and characterization of composite membranes modified with Halloysite nanotubes and phosphotungstic acid for electrochemical hydrogen pumps. Renewable Energy, 2018, 122, 163-172.	4.3	26
5	Evolution of microfluidic fuel stack design as an innovative alternative to energy production. International Journal of Hydrogen Energy, 2017, 42, 27929-27939.	3.8	25
6	High surface electrochemical support based on Sb-doped SnO ₂ . Journal of Power Sources, 2013, 243, 826-830.	4.0	22
7	Evaluation and coupling of a membraneless nanofluidic device for low-power applications. Journal of Power Sources, 2016, 307, 244-250.	4.0	22
8	Nanocomposite membrane based on SPEEK as a perspectives application in electrochemical hydrogen compressor. International Journal of Hydrogen Energy, 2019, 44, 4839-4850.	3.8	20
9	Evaluation of the corrosion of Sb-doped SnO ₂ supports for electrolysis systems. International Journal of Hydrogen Energy, 2014, 39, 16763-16770.	3.8	16
10	Bibliometric Analysis of the Mass Transport in a Gas Diffusion Layer in PEM Fuel Cells. Sustainability, 2019, 11, 6682.	1.6	14
11	Correlation between theoretical data and experimental selective properties of PtAg core-shell nanoparticles for oxygen reduction reactions. International Journal of Hydrogen Energy, 2015, 40, 17284-17290.	3.8	10
12	Alcohol Dehydrogenase Immobilized on TiO ₂ Nanotubes for Ethanol Microfluidic Fuel Cells. ACS Sustainable Chemistry and Engineering, 0, , .	3.2	5
13	A compact and bendable, hook-and-loop tape-based membraneless device for energy conversion. Journal of Micromechanics and Microengineering, 2016, 26, 124011.	1.5	4
14	Composite Sulfonated Polyether-Ether Ketone Membranes with SBA-15 for Electrochemical Energy Systems. Materials, 2020, 13, 1570.	1.3	4
15	Organic composite membrane for hydrogen electrochemical conversion devices. International Journal of Hydrogen Energy, 2020, 45, 32493-32507.	3.8	3
16	A bendable and compact device for low-power application. Journal of Physics: Conference Series, 2015, 660, 012054.	0.3	2
17	Copper nanoparticles suitable for bifunctional cholesterol oxidation reaction: harvesting energy and sensor. Materials for Renewable and Sustainable Energy, 2022, 11, 105-114.	1.5	2
18	Development of a flexible poly(ether ether ketone) supercapacitor as electrolyte and separator.. Journal of Physics: Conference Series, 2019, 1407, 012100.	0.3	0