

Viviana Cigolotti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3957529/publications.pdf>

Version: 2024-02-01

26
papers

735
citations

623734

14
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative life cycle assessment of two different SOFC-based cogeneration systems with thermal energy storage integrated into a single-family house nanogrid. <i>Applied Energy</i> , 2021, 285, 116378.	10.1	18
2	Introduction special issue Efc19. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 13665-13666.	7.1	0
3	Comprehensive Review on Fuel Cell Technology for Stationary Applications as Sustainable and Efficient Poly-Generation Energy Systems. <i>Energies</i> , 2021, 14, 4963.	3.1	95
4	Economic Analysis of Hydrogen Household Energy Systems Including Incentives on Energy Communities and Externalities: A Case Study in Italy. <i>Energies</i> , 2021, 14, 5847.	3.1	10
5	Investigating Hydrogen-Based Non-Conventional Storage for PV Power in Eco-Energetic Optimization of a Multi-Energy System. <i>Energies</i> , 2021, 14, 8096.	3.1	2
6	In situ exsolution of Rh nanoparticles on a perovskite oxide surface: Efficient Rh catalysts for Dry reforming. <i>Korean Journal of Chemical Engineering</i> , 2020, 37, 1401-1410.	2.7	6
7	Introduction to the special issue on EFC17. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4385-4386.	7.1	0
8	Preparation of Porous Ni-Al Alloys and Methane Steam Reforming Application for Hydrogen Generation. <i>Science of Advanced Materials</i> , 2019, 11, 629-641.	0.7	1
9	Sustainable urban electricity supply chain – Indicators of material recovery and energy savings from crystalline silicon photovoltaic panels end-of-life. <i>Ecological Indicators</i> , 2018, 94, 37-51.	6.3	80
10	Performance assessment of a hybrid SOFC/MGT cogeneration power plant fed by syngas from a biomass down-draft gasifier. <i>Applied Energy</i> , 2018, 227, 80-91.	10.1	101
11	A preface to the special issue on “The 6th European Fuel Cell Technology & Applications Piero Lunghi Conference & Exhibition (EFC15), 16-18 December 2015, Naples, Italy”. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 1577-1578.	7.1	0
12	Coupling of Biomass Gasification and SOFC – Gas Turbine Hybrid System for Small Scale Cogeneration Applications. <i>Energy Procedia</i> , 2017, 105, 730-737.	1.8	18
13	A Life Cycle Assessment of lithium battery and hydrogen-FC powered electric bicycles: Searching for cleaner solutions to urban mobility. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 1830-1840.	7.1	43
14	Technical and economic assessment of a SOFC-based energy system for combined cooling, heating and power. <i>Applied Energy</i> , 2017, 192, 563-574.	10.1	86
15	Low pH, high salinity: Too much for microbial fuel cells?. <i>Applied Energy</i> , 2017, 192, 543-550.	10.1	71
16	Accelerated test for MCFC button cells: First findings. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 18807-18814.	7.1	15
17	Low cost combined voltage and current transducer for Smart Meters. , 2014, , .		5
18	Experimental and theoretical analysis of H ₂ S effects on MCFCs. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 19329-19336.	7.1	33

#	ARTICLE	IF	CITATIONS
19	Electrochemical impedance study of the poisoning behaviour of Ni-based anodes at low concentrations of H ₂ S in an MCFC. International Journal of Hydrogen Energy, 2012, 37, 19312-19318.	7.1	21
20	Market and Feasibility Analysis of Non-conventional Technologies. Green Energy and Technology, 2012, , 207-218.	0.6	0
21	Biomass and Waste as Sustainable Resources. Green Energy and Technology, 2012, , 23-44.	0.6	4
22	High-Temperature Fuel Cell Plants and Applications. Green Energy and Technology, 2012, , 145-162.	0.6	0
23	Fuel Cells in the Waste-to-Energy Chain. Green Energy and Technology, 2012, , .	0.6	10
24	MCFC fed with biogas: Experimental investigation of sulphur poisoning using impedance spectroscopy. International Journal of Hydrogen Energy, 2011, 36, 10311-10318.	7.1	31
25	Molten carbonate fuel cells fed with biogas: Combating H ₂ S. Waste Management, 2010, 30, 1018-1024.	7.4	60
26	Biofuels as opportunity for MCFC niche market application. International Journal of Hydrogen Energy, 2008, 33, 2999-3003.	7.1	25