

Viviana Cigolotti

List of Publications by Year in descending order

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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	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
2	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
3	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
4	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
5	Low pH, high salinity: Too much for microbial fuel cells?. <i>Applied Energy</i> , 2017, 192, 543-550.	10.1	71
6	Molten carbonate fuel cells fed with biogas: Combating H ₂ S. <i>Waste Management</i> , 2010, 30, 1018-1024.	7.4	60
7	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
8	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
9	MCFC fed with biogas: Experimental investigation of sulphur poisoning using impedance spectroscopy. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 10311-10318.	7.1	31
10	Biofuels as opportunity for MCFC niche market application. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 2999-3003.	7.1	25
11	Electrochemical impedance study of the poisoning behaviour of Ni-based anodes at low concentrations of H ₂ S in an MCFC. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 19312-19318.	7.1	21
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	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
14	Accelerated test for MCFC button cells: First findings. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 18807-18814.	7.1	15
15	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
16	Fuel Cells in the Waste-to-Energy Chain. <i>Green Energy and Technology</i> , 2012, , .	0.6	10
17	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
18	Low cost combined voltage and current transducer for Smart Meters. , 2014, , .		5

#	ARTICLE	IF	CITATIONS
19	Biomass and Waste as Sustainable Resources. Green Energy and Technology, 2012, , 23-44.	0.6	4
20	Investigating Hydrogen-Based Non-Conventional Storage for PV Power in Eco-Energetic Optimization of a Multi-Energy System. Energies, 2021, 14, 8096.	3.1	2
21	Preparation of Porous Ni-Al Alloys and Methane Steam Reforming Application for Hydrogen Generation. Science of Advanced Materials, 2019, 11, 629-641.	0.7	1
22	Market and Feasibility Analysis of Non-conventional Technologies. Green Energy and Technology, 2012, , 207-218.	0.6	0
23	High-Temperature Fuel Cell Plants and Applications. Green Energy and Technology, 2012, , 145-162.	0.6	0
24	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". International Journal of Hydrogen Energy, 2017, 42, 1577-1578.	7.1	0
25	Introduction to the special issue on EFC17. International Journal of Hydrogen Energy, 2019, 44, 4385-4386.	7.1	0
26	Introduction special issue Efc19. International Journal of Hydrogen Energy, 2021, 46, 13665-13666.	7.1	0