

Vitaliano Chiodo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

627
citations

759233

12
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

891
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic features of Rh and Ni supported catalysts in the steam reforming of glycerol to produce hydrogen. <i>Applied Catalysis A: General</i> , 2010, 381, 1-7.	4.3	127
2	Dealing with fuel contaminants in biogas-fed solid oxide fuel cell (SOFC) and molten carbonate fuel cell (MCFC) plants: Degradation of catalytic and electro-catalytic active surfaces and related gas purification methods. <i>Progress in Energy and Combustion Science</i> , 2017, 61, 150-188.	31.2	122
3	Sustainable adobe bricks with seagrass fibres. Mechanical and thermal properties characterization. <i>Construction and Building Materials</i> , 2020, 239, 117669.	7.2	48
4	Posidonia Oceanica and Wood chips activated carbon as interesting materials for hydrogen storage. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 14038-14047.	7.1	48
5	Catalytic pyrolysis of Mediterranean sea plant for bio-oil production. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 28082-28092.	7.1	45
6	Hydrogen rich syngas production by air-steam gasification of citrus peel residues from citrus juice manufacturing: Experimental and simulation activities. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 26816-26827.	7.1	43
7	Catalytic stability of a Ni-Catalyst towards biogas reforming in the presence of deactivating trace compounds. <i>Renewable Energy</i> , 2018, 127, 481-494.	8.9	43
8	Syngas production by catalytic steam gasification of citrus residues. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 28048-28055.	7.1	39
9	Integration into a citrus juice factory of air-steam gasification and CHP system: Energy sustainability assessment. <i>Energy Conversion and Management</i> , 2019, 193, 74-85.	9.2	36
10	Syngas production by BFB gasification: Experimental comparison of different biomasses. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4414-4422.	7.1	28
11	Analysis of an Integrated Agro-waste Gasification and 120kW SOFC CHP System: Modeling and Experimental Investigation. <i>Energy Procedia</i> , 2016, 101, 528-535.	1.8	25
12	Biochar from byproduct to high value added material – A new adsorbent for toxic metal ions removal from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2018, 271, 481-489.	4.9	23
13	Hydrogen Production from Bio-Ethanol on Rh Based Catalysts. <i>ECS Transactions</i> , 2007, 5, 637-641.	0.5	0