Francesco CipitÃ¬

List of Publications by Year
in descending order

19 papers	854 citations	516710 16 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	978 citing authors

#	Article	IF	Citations
1	Hydrogen production by methane tri-reforming process over Niâ€"ceria catalysts: Effect of La-doping. Applied Catalysis B: Environmental, 2011, 104, 64-73.	20.2	209
2	Performance of Pt/CeO2 catalyst for propane oxidative steam reforming. Applied Catalysis A: General, 2006, 306, 68-77.	4.3	83
3	Finite element-based simulation of a metal hydride-based hydrogen storage tank. International Journal of Hydrogen Energy, 2009, 34, 8574-8582.	7.1	77
4	Biogas as renewable raw material for syngas production by tri-reforming process over NiCeO2 catalysts: Optimal operative condition and effect of nickel content. Fuel Processing Technology, 2014, 127, 47-58.	7.2	70
5	Development of a LPG fuel processor for PEFC systems: Laboratory scale evaluation of autothermal reforming and preferential oxidation subunits. International Journal of Hydrogen Energy, 2005, 30, 963-971.	7.1	50
6	Simulation of water sorption dynamics in adsorption chillers: One, two and four layers of loose silica grains. Applied Thermal Engineering, 2012, 44, 69-77.	6.0	50
7	Catalytic Performance of Ce1â^'x Ni x O2 Catalysts for Propane Oxidative Steam Reforming. Catalysis Letters, 2008, 122, 121-130.	2.6	48
8	Methane oxy-steam reforming reaction: Performances of Ru/Î³-Al2O3 catalysts loaded on structured cordierite monoliths. International Journal of Hydrogen Energy, 2014, 39, 18592-18603.	7.1	38
9	Design of a biogas steam reforming reactor: A modelling and experimental approach. International Journal of Hydrogen Energy, 2016, 41, 11577-11583.	7.1	33
10	Syngas production by BFB gasification: Experimental comparison of different biomasses. International Journal of Hydrogen Energy, 2019, 44, 4414-4422.	7.1	28
11	Experimental analysis of a 2kWe LPG-based fuel processor for polymer electrolyte fuel cells. Journal of Power Sources, 2006, 157, 914-920.	7.8	27
12	CO clean-up transient device integrated to a preferential oxidation reactor for PEFC electric vehicles. Fuel Processing Technology, 2004, 85, 1445-1452.	7.2	24
13	Performance of a 5kWe fuel processor for polymer electrolyte fuel cells. International Journal of Hydrogen Energy, 2008, 33, 3197-3203.	7.1	24
14	Structured reactors as alternative to pellets catalyst for propane oxidative steam reforming. International Journal of Hydrogen Energy, 2010, 35, 9810-9817.	7.1	24
15	Experimental investigation on a methane fuel processor for polymer electrolyte fuel cells. International Journal of Hydrogen Energy, 2013, 38, 2387-2397.	7.1	23
16	Thermal study of a SOFC system integration in a fuselage of a hybrid electric mini UAV. International Journal of Hydrogen Energy, 2017, 42, 28022-28033.	7.1	23
17	Model-based investigation of a CO preferential oxidation reactor for polymer electrolyte fuel cell systems. International Journal of Hydrogen Energy, 2007, 32, 4040-4051.	7.1	16
18	Model-based analysis of reactor geometrical configuration on CO preferential oxidation performance. International Journal of Hydrogen Energy, 2009, 34, 4463-4474.	7.1	5

#	Article	IF	Citations
19	Stability Tests of a 5 kWeq LPG Hydrogen Generator for PEFC. ECS Transactions, 2008, 12, 487-497.	0.5	2