

Francesco Cipitelli

List of Publications by Year in descending order

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19
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citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen production by methane tri-reforming process over Ni/Ceria catalysts: Effect of La-doping. Applied Catalysis B: Environmental, 2011, 104, 64-73.	10.8	209
2	Performance of Pt/CeO ₂ catalyst for propane oxidative steam reforming. Applied Catalysis A: General, 2006, 306, 68-77.	2.2	83
3	Finite element-based simulation of a metal hydride-based hydrogen storage tank. International Journal of Hydrogen Energy, 2009, 34, 8574-8582.	3.8	77
4	Biogas as renewable raw material for syngas production by tri-reforming process over Ni/CeO ₂ catalysts: Optimal operative condition and effect of nickel content. Fuel Processing Technology, 2014, 127, 47-58.	3.7	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.	3.8	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.	3.0	50
7	Catalytic Performance of Ce _{1-x} Ni _x O ₂ Catalysts for Propane Oxidative Steam Reforming. Catalysis Letters, 2008, 122, 121-130.	1.4	48
8	Methane oxy-steam reforming reaction: Performances of Ru/Al ₂ O ₃ catalysts loaded on structured cordierite monoliths. International Journal of Hydrogen Energy, 2014, 39, 18592-18603.	3.8	38
9	Design of a biogas steam reforming reactor: A modelling and experimental approach. International Journal of Hydrogen Energy, 2016, 41, 11577-11583.	3.8	33
10	Syngas production by BFB gasification: Experimental comparison of different biomasses. International Journal of Hydrogen Energy, 2019, 44, 4414-4422.	3.8	28
11	Experimental analysis of a 2kWe LPG-based fuel processor for polymer electrolyte fuel cells. Journal of Power Sources, 2006, 157, 914-920.	4.0	27
12	CO clean-up transient device integrated to a preferential oxidation reactor for PEFC electric vehicles. Fuel Processing Technology, 2004, 85, 1445-1452.	3.7	24
13	Performance of a 5kWe fuel processor for polymer electrolyte fuel cells. International Journal of Hydrogen Energy, 2008, 33, 3197-3203.	3.8	24
14	Structured reactors as alternative to pellets catalyst for propane oxidative steam reforming. International Journal of Hydrogen Energy, 2010, 35, 9810-9817.	3.8	24
15	Experimental investigation on a methane fuel processor for polymer electrolyte fuel cells. International Journal of Hydrogen Energy, 2013, 38, 2387-2397.	3.8	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.	3.8	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.	3.8	16
18	Model-based analysis of reactor geometrical configuration on CO preferential oxidation performance. International Journal of Hydrogen Energy, 2009, 34, 4463-4474.	3.8	5

#	ARTICLE	IF	CITATIONS
19	Stability Tests of a 5 kW _{eq} LPG Hydrogen Generator for PEFC. ECS Transactions, 2008, 12, 487-497.	0.3	2