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List of Publications by Year
in descending order

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18	270	1040056 9	888059 17
papers	citations	h-index	g-index

18	18	18	277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An experimental investigation of design parameters for pico-hydro Turgo turbines using a response surface methodology. Renewable Energy, 2016, 85, 406-418.	8.9	35
2	Characteristic time as a descriptive parameter in steam reformation hydrogen production processes. International Journal of Hydrogen Energy, 2008, 33, 1652-1660.	7.1	31
3	The effect of geometry on reactor performance in the steam-reformation process. International Journal of Hydrogen Energy, 2007, 32, 1192-1200.	7.1	29
4	Reactor design limitations for the steam reforming of methanol. Applied Catalysis B: Environmental, 2007, 75, 264-271.	20.2	29
5	Comparison of steam and autothermal reforming of methanol using a packed-bed low-cost copper catalyst. International Journal of Hydrogen Energy, 2009, 34, 7656-7665.	7.1	29
6	Extension of the lean limit through hydrogen enrichment of a LFG-fueled spark-ignition engine and emissions reduction. International Journal of Hydrogen Energy, 2010, 35, 1412-1419.	7.1	22
7	Toward hydrogen enriched natural gas â€œHCNGâ€•fuel on the algerian road. International Journal of Hydrogen Energy, 2011, 36, 4094-4102.	7.1	17
8	Modeling of a fixed-bed copper-based catalyst for reforming methanol: Steam and autothermal reformation. International Journal of Hydrogen Energy, 2015, 40, 8034-8050.	7.1	14
9	Incorporating in-cylinder pressure data to predict NOx emissions from spark-ignition engines fueled with landfill gas/hydrogen mixtures. International Journal of Hydrogen Energy, 2009, 34, 9248-9257.	7.1	11
10	Fuel-lean and fuel-rich start-up and shut-down processes in an autothermal reformer. International Journal of Hydrogen Energy, 2008, 33, 2942-2949.	7.1	10
11	Apparent kinetics of hydrogen production with water-slurried aluminum delivery in aqueous sodium hydroxide solutions. International Journal of Hydrogen Energy, 2020, 45, 24285-24299.	7.1	9
12	An experimental study of methanol autothermal reformation as a method of producing hydrogen for transportation applications. International Journal of Hydrogen Energy, 2010, 35, 6210-6217.	7.1	7
13	Economic feasibility of hydrogen enrichment for reducing NOx emissions from landfill gas power generation alternatives: A comparison of the levelized cost of electricity with present strategies. Energy Policy, 2012, 41, 333-339.	8.8	7
14	Autothermal-reformation enhancement using a stratified-catalyst technique. International Journal of Hydrogen Energy, 2017, 42, 25914-25923.	7.1	6
15	Statistical validation and an empirical model of hydrogen production enhancement found by utilizing a controlled acoustic field in the steam-reforming process. International Journal of Hydrogen Energy, 2006, 31, 1690-1697.	7.1	4
16	Statistical validation and an empirical model of hydrogen production enhancement found by utilizing passive flow disturbance in the steam-reformation process. Experimental Thermal and Fluid Science, 2007, 32, 467-474.	2.7	4
17	Effects of catalyst separation in stratified-bed autothermal reforming of methanol. International Journal of Hydrogen Energy, 2021, 46, 34175-34183.	7.1	4
18	Application of heat flux as a control variable in small-scale packed-bed steam reforming. Journal of Power Sources, 2010, 195, 1182-1189.	7.8	2