

Ashraf M Amin

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

926
citations

623734

14
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1227
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of methane catalytic cracking for hydrogen production. International Journal of Hydrogen Energy, 2011, 36, 2904-2935.	7.1	341
2	Study on the characteristics of palm oilâ€“biodieselâ€“diesel fuel blend. Egyptian Journal of Petroleum, 2018, 27, 187-194.	2.6	65
3	Effect of interactions between Ni and Mo on catalytic properties of a bimetallic Ni-Mo/Al ₂ O ₃ propane reforming catalyst. Applied Catalysis A: General, 2015, 490, 80-92.	4.3	62
4	Review of diesel production from renewable resources: Catalysis, process kinetics and technologies. Ain Shams Engineering Journal, 2019, 10, 821-839.	6.1	58
5	New electroplated aluminum bipolar plate for PEM fuel cell. Journal of Power Sources, 2008, 177, 131-136.	7.8	50
6	Methane cracking using Ni supported on porous and non-porous alumina catalysts. International Journal of Hydrogen Energy, 2012, 37, 9038-9048.	7.1	44
7	Hydrogen production by methane cracking using Ni-supported catalysts in a fluidized bed. International Journal of Hydrogen Energy, 2012, 37, 10690-10701.	7.1	43
8	Direct-methane solid oxide fuel cell (SOFC) with Ni-SDC anode-supported cell. International Journal of Hydrogen Energy, 2017, 42, 23118-23129.	7.1	43
9	Performance characteristics of Moâ€“Ni/Al ₂ O ₃ catalysts in LPG oxidative steam reforming for hydrogen production. International Journal of Hydrogen Energy, 2014, 39, 10061-10073.	7.1	38
10	Experimental and empirical study of diesel and castor biodiesel blending effect, on kinematic viscosity, density and calorific value. Egyptian Journal of Petroleum, 2016, 25, 509-514.	2.6	34
11	Investigation of polyvinylchloride and cellulose acetate blend membranes for desalination. Journal of Molecular Structure, 2017, 1146, 14-22.	3.6	32
12	Reaction and Deactivation Rates of Methane Catalytic Cracking over Nickel. Industrial & Engineering Chemistry Research, 2011, 50, 12460-12470.	3.7	30
13	Methane oxidation hysteresis over Pt/Al ₂ O ₃ . Applied Catalysis A: General, 2014, 478, 91-97.	4.3	27
14	Effect of Ce and Co Addition to Fe/Al ₂ O ₃ for Catalytic Methane Decomposition. Catalysts, 2016, 6, 40.	3.5	25
15	Nanosized Ni/SBA-15 Catalysts for CO ₂ Reforming of CH ₄ . Applied Sciences (Switzerland), 2019, 9, 1926.	2.5	14
16	Experimental study and mathematical model of coagulation/sedimentation units for treatment of food processing wastewater. Ain Shams Engineering Journal, 2021, 12, 195-203.	6.1	9
17	Simulation of methane catalytic cracking in a bubbling fluidised bed. Canadian Journal of Chemical Engineering, 2013, 91, 1928-1935.	1.7	4
18	A kinetic model for methane emission oxidation over Pd-Pt bimetallic monolith catalysts. International Journal of Energy Research, 2018, 42, 4642-4653.	4.5	4

#	ARTICLE	IF	CITATIONS
19	Review of Biomass Thermal Gasification. , 0, , .		3