

Mohammad Ismail

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

387
citations

1163117

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h-index

1281871

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all docs

15
docs citations

15
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibiting the interaction between FeO and Al ₂ O ₃ during chemical looping production of hydrogen. RSC Advances, 2015, 5, 1759-1771.	3.6	72
2	Improving hydrogen yields, and hydrogen:steam ratio in the chemical looping production of hydrogen using Ca ₂ Fe ₂ O ₅ . Chemical Engineering Journal, 2016, 296, 406-411.	12.7	61
3	Development and performance of iron based oxygen carriers containing calcium ferrites for chemical looping combustion and production of hydrogen. International Journal of Hydrogen Energy, 2016, 41, 4073-4084.	7.1	60
4	Synthesis, Application, and Carbonation Behavior of Ca ₂ Fe ₂ O ₅ for Chemical Looping H ₂ Production. Energy & Fuels, 2016, 30, 6220-6232.	5.1	55
5	The performance of Fe ₂ O ₃ -CaO Oxygen Carriers and the Interaction of Iron Oxides with CaO during Chemical Looping Combustion and H ₂ production. Energy Procedia, 2014, 63, 87-97.	1.8	44
6	Improved hydrogen storage performances of LiAlH ₄ + Mg(BH) ₄ . International Journal of Energy Research, 2021, 45, 2882-2898.	4.5	31
7	Enhanced dehydrogenation performance of NaAlH ₄ by the addition of spherical SrTiO ₃ . International Journal of Energy Research, 2021, 45, 8648-8658.	4.5	19
8	Enhanced the hydrogen storage properties and reaction mechanisms of 4MgH ₂ + LiAlH ₄ composite system by addition with TiO ₂ . International Journal of Energy Research, 2021, 45, 21365-21374.	4.5	15
9	Study of the Hydrogen Storage Properties and Catalytic Mechanism of a MgH ₂ -Na ₃ AlH ₆ System Incorporating FeCl ₃ . ACS Omega, 2021, 6, 18948-18956.	3.5	8
10	Evaluation of Fuel Properties of Sal (Shorea robusta) Seed and Its Oil from Their Physico-chemical Characteristics and Thermal Analysis. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-12.	2.3	8
11	LFO Perovskites as Oxygen Carriers for Chemical Looping Oxygen Uncoupling (CLOU). Journal of Thermal Analysis and Calorimetry, 2022, 147, 6605-6613.	3.6	7
12	Production and characterization of biodiesel from Jatropha (<i>Jatropha curcas</i>) seed oil available in Bangladesh. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-16.	2.3	5
13	Experimental and numerical analysis of paraffin waxes during solidification inside spherical capsules. Thermal Science and Engineering Progress, 2021, 26, 101095.	2.7	2
14	Experimental and Numerical Study on Melting of Solar Salt in a Finned Metallic Container. , 2018, , .		0
15	Simulation of Non-premixed Turbulent Natural Gas Combustion in Delft-Jet-in-Hot-Coflow Burner. , 2018, , .		0