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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	LFO Perovskites as Oxygen Carriers for Chemical Looping Oxygen Uncoupling (CLOU). Journal of Thermal Analysis and Calorimetry, 2022, 147, 6605-6613.	3.6	7
2	Improved hydrogen storage performances of LiAlH_4 + $\text{Mg}(\text{BH})_4$. International Journal of Energy Research, 2021, 45, 2882-2898.	4.5	31
3	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
4	Study of the Hydrogen Storage Properties and Catalytic Mechanism of a MgH_2 - Na_3AlH_6 System Incorporating FeCl_3 . ACS Omega, 2021, 6, 18948-18956.	3.5	8
5	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
6	Experimental and numerical analysis of paraffin waxes during solidification inside spherical capsules. Thermal Science and Engineering Progress, 2021, 26, 101095.	2.7	2
7	Experimental and Numerical Study on Melting of Solar Salt in a Finned Metallic Container. , 2018, , .		0
8	Simulation of Non-premixed Turbulent Natural Gas Combustion in Delft-Jet-in-Hot-Coflow Burner. , 2018, , .		0
9	Synthesis, Application, and Carbonation Behavior of $\text{Ca}_2\text{Fe}_2\text{O}_5$ for Chemical Looping H_2 Production. Energy & Fuels, 2016, 30, 6220-6232.	5.1	55
10	Improving hydrogen yields, and hydrogen:steam ratio in the chemical looping production of hydrogen using $\text{Ca}_2\text{Fe}_2\text{O}_5$. Chemical Engineering Journal, 2016, 296, 406-411.	12.7	61
11	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
12	Inhibiting the interaction between FeO and Al_2O_3 during chemical looping production of hydrogen. RSC Advances, 2015, 5, 1759-1771.	3.6	72
13	The performance of Fe_2O_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
14	Evaluation of Fuel Properties of Sal (<i>Shorea robusta</i>) 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
15	Production and characterization of biodiesel from <i>Jatropha curcas</i> seed oil available in Bangladesh. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-16.	2.3	5