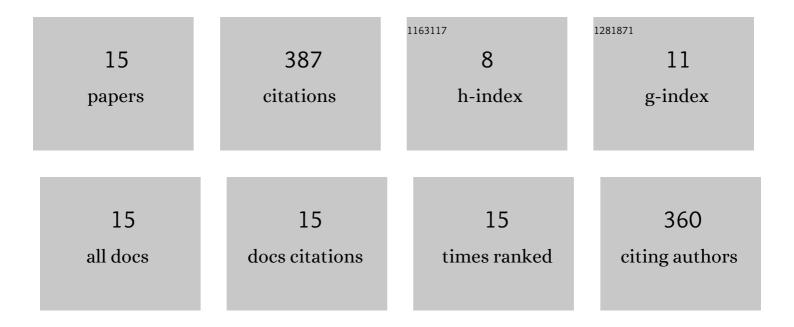
## Mohammad Ismail

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8296540/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Inhibiting the interaction between FeO and Al <sub>2</sub> O <sub>3</sub> 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 Ca2Fe2O5. 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 <sub>2</sub> Fe <sub>2</sub> O <sub>5</sub> for Chemical Looping H <sub>2</sub> Production. Energy & Fuels, 2016, 30, 6220-6232.	5.1	55
5	The performance of Fe2O3-CaO Oxygen Carriers and the Interaction of Iron Oxides with CaO during Chemical Looping Combustion and H2 production. Energy Procedia, 2014, 63, 87-97.	1.8	44
6	Improved hydrogen storage performances of <scp> LiAlH <sub>4</sub> </scp> + Mg( <scp> BH) Tj ETQq0 0 International Journal of Energy Research, 2021, 45, 2882-2898.</scp>	0 rgBT /( 4.5	Overlock 10 T <sup>.</sup> 31
7	Enhanced dehydrogenation performance of <scp>NaAlH<sub>4</sub></scp> by the addition of spherical <scp>SrTiO<sub>3</sub></scp> . International Journal of Energy Research, 2021, 45, 8648-8658.	4.5	19
8	Enhanced the hydrogen storage properties and reaction mechanisms of <scp> 4MgH <sub>2</sub> </scp> Â+ <scp> LiAlH <sub>4</sub> </scp> composite system by addition with <scp> TiO <sub>2</sub> </scp> . 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 <sub>2</sub> –Na <sub>3</sub> AlH <sub>6</sub> System Incorporating FeCl <sub>3</sub> . 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