

# Ming Luo

## List of Publications by Year in descending order

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20  
papers

693  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

736  
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of hydrogen production using chemical-looping technology. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 3186-3214.	16.4	333
2	Chemical looping combustion of coke oven gas by using Fe <sub>2</sub> O <sub>3</sub> /CuO with MgAl <sub>2</sub> O <sub>4</sub> as oxygen carrier. <i>Energy and Environmental Science</i> , 2010, 3, 1353.	30.8	114
3	Reduction kinetics of iron-based oxygen carriers using methane for chemical-looping combustion. <i>Journal of Power Sources</i> , 2014, 270, 434-440.	7.8	62
4	Experimental investigation of co-combustion of coal and biomass using chemical looping technology. <i>Fuel Processing Technology</i> , 2013, 110, 258-267.	7.2	27
5	Analysis of Reactivity of a CuO-Based Oxygen Carrier for Chemical Looping Combustion of Coal. <i>Energy &amp; Fuels</i> , 2012, 26, 3275-3283.	5.1	20
6	Energy and Exergy Analysis of Power Generation Systems with Chemical Looping Combustion of Coal. <i>Chemical Engineering and Technology</i> , 2018, 41, 776-787.	1.5	18
7	Highly stable CO <sub>2</sub> capture performance of binary doped carbide slag synthesized through liquid precipitation method. <i>Fuel</i> , 2020, 280, 118575.	6.4	17
8	Release and fate of pyritic sulfur in chemical looping combustion. <i>Fuel</i> , 2021, 285, 119213.	6.4	14
9	Sulfur Transformation Behavior of Inorganic Sulfur-Containing Compounds in Chemical Looping Combustion. <i>Energy &amp; Fuels</i> , 2020, 34, 3969-3975.	5.1	13
10	Syngas production by chemical looping co-gasification of rice husk and coal using an iron-based oxygen carrier. <i>Fuel</i> , 2022, 309, 122100.	6.4	12
11	Sulfur release and migration characteristics in chemical looping combustion of high-sulfur coal. <i>Chemical Engineering Research and Design</i> , 2021, 151, 1-9.	5.6	11
12	Performance of hydrogen and power co-generation system based on chemical looping hydrogen generation of coal. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 11180-11190.	7.1	10
13	CO <sub>2</sub> Capture Performance of Portland Cement-Based Carbide Slag and the Enhancement of Its CO <sub>2</sub> Capture Capacity. <i>Chemical Engineering and Technology</i> , 2018, 41, 1577-1586.	1.5	9
14	Migration of sulfur in in-situ gasification chemical looping combustion of Beisu coal with iron- and copper-based oxygen carriers. <i>Chinese Journal of Chemical Engineering</i> , 2021, 35, 247-255.	3.5	8
15	CaO-BASED CHEMICAL LOOPING GASIFICATION OF BIOMASS FOR THE PRODUCTION OF HYDROGEN-ENRICHED GAS AND CO <sub>2</sub> NEGATIVE EMISSIONS: A REVIEW. <i>International Journal of Energy for A Clean Environment</i> , 2018, 19, 257-302.	1.1	7
16	Mechanism Analysis of Coal with CuO in the In Situ Gasification Chemical-Looping Combustion and In Situ Gasification Chemical-Looping with Oxygen Uncoupling Process. <i>Energy &amp; Fuels</i> , 2021, 35, 618-625.	5.1	7
17	Capture of CO <sub>2</sub> from coal using chemical-looping combustion: Process simulation. <i>Korean Journal of Chemical Engineering</i> , 2015, 32, 373-382.	2.7	5
18	The evolution and desulfurization of sulfur in chemical looping combustion of coal. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-12.	2.3	3

#	ARTICLE	IF	CITATIONS
19	Evaluation of the CO <sub>2</sub> gasification of residual char under a regeneration atmosphere via calcium-based chemical looping gasification. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 168, 108564.	3.6	2
20	Power Generation from Coke Oven Gas Using Chemical Looping Combustion: Thermodynamic Simulation. <i>Chemical Engineering and Technology</i> , 2018, 41, 524-531.	1.5	1