Ming Luo

List of Publications by Year
in descending order

20	693	840776 11	794594 19
papers	citations	h-index	g-index

20	20	20	736
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Performance of hydrogen and power co-generation system based on chemical looping hydrogen generation of coal. International Journal of Hydrogen Energy, 2023, 48, 11180-11190.	7.1	10
2	Syngas production by chemical looping co-gasification of rice husk and coal using an iron-based oxygen carrier. Fuel, 2022, 309, 122100.	6.4	12
3	Release and fate of pyritic sulfur in chemical looping combustion. Fuel, 2021, 285, 119213.	6.4	14
4	Sulfur release and migration characteristics in chemical looping combustion of high-sulfur coal. Chemical Engineering Research and Design, 2021, 151, 1-9.	5.6	11
5	Migration of sulfur in in-situ gasification chemical looping combustion of Beisu coal with iron- and copper-based oxygen carriers. Chinese Journal of Chemical Engineering, 2021, 35, 247-255.	3.5	8
6	Evaluation of the CO2 gasification of residual char under a regeneration atmosphere via calciumâ€'based chemical looping gasification. Chemical Engineering and Processing: Process Intensification, 2021, 168, 108564.	3.6	2
7	Mechanism Analysis of Coal with CuO in the In Situ Gasification Chemical-Looping Combustion and In Situ Gasification Chemical-Looping with Oxygen Uncoupling Process. Energy & Fuels, 2021, 35, 618-625.	5.1	7
8	Highly stable CO2 capture performance of binary doped carbide slag synthesized through liquid precipitation method. Fuel, 2020, 280, 118575.	6.4	17
9	Sulfur Transformation Behavior of Inorganic Sulfur-Containing Compounds in Chemical Looping Combustion. Energy & Fuels, 2020, 34, 3969-3975.	5.1	13
10	Energy and Exergy Analysis of Power Generation Systems with Chemical Looping Combustion of Coal. Chemical Engineering and Technology, 2018, 41, 776-787.	1.5	18
11	Review of hydrogen production using chemical-looping technology. Renewable and Sustainable Energy Reviews, 2018, 81, 3186-3214.	16.4	333
12	Power Generation from Coke Oven Gas Using Chemical Looping Combustion: Thermodynamic Simulation. Chemical Engineering and Technology, 2018, 41, 524-531.	1.5	1
13	CaO-BASED CHEMICAL LOOPING GASIFICATION OF BIOMASS FOR THE PRODUCTION OF HYDROGEN-ENRICHED GAS AND CO2 NEGATIVE EMISSIONS: A REVIEW. International Journal of Energy for A Clean Environment, 2018, 19, 257-302.	1.1	7
14	CO₂ Capture Performance of Portland Cementâ€Based Carbide Slag and the Enhancement of Its CO₂ Capture Capacity. Chemical Engineering and Technology, 2018, 41, 1577-1586.	1.5	9
15	Capture of CO2 from coal using chemical-looping combustion: Process simulation. Korean Journal of Chemical Engineering, 2015, 32, 373-382.	2.7	5
16	Reduction kinetics of iron-based oxygen carriers using methane for chemical-looping combustion. Journal of Power Sources, 2014, 270, 434-440.	7.8	62
17	Experimental investigation of co-combustion of coal and biomass using chemical looping technology. Fuel Processing Technology, 2013, 110, 258-267.	7.2	27
18	Analysis of Reactivity of a CuO-Based Oxygen Carrier for Chemical Looping Combustion of Coal. Energy & Fuels, 2012, 26, 3275-3283.	5.1	20

#	Article	IF	Citations
19	Chemical looping combustion of coke oven gas by using Fe2O3/CuO with MgAl2O4 as oxygen carrier. Energy and Environmental Science, 2010, 3, 1353.	30.8	114
20	The evolution and desulfurization of sulfur in chemical looping combustion of coal. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-12.	2.3	3