

Jiaofei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

179
citations

1307594

7
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

149
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation into the co-pyrolysis behaviors of cow manure and coal blending by TG&MS. Science of the Total Environment, 2020, 728, 138828.	8.0	44
2	Effect of CaO additive on co-pyrolysis behavior of bituminous coal and cow dung. Fuel, 2020, 265, 116911.	6.4	35
3	Synergistic Effects of CaO and MgO on Ash Fusion Characteristics in Entrained-Flow Gasifier. Energy & Fuels, 2021, 35, 425-432.	5.1	19
4	Study on the pyrolysis characteristics and kinetic mechanism of cow manure under different leaching solvents pretreatment. Journal of Environmental Management, 2021, 290, 112580.	7.8	14
5	Physico-chemical structure evolution characteristics of coal char during gasification in the presence of iron-based waste catalyst. International Journal of Coal Science and Technology, 2020, 7, 456-463.	6.0	10
6	Study on Char-Ash-Slag-Liquid Transition and Its Effect on Char Reactivity. Energy & Fuels, 2020, 34, 3941-3951.	5.1	9
7	Effect of hydrogen addition on formation of hydrogen and carbon from methane decomposition over Ni/Al ₂ O ₃ . Canadian Journal of Chemical Engineering, 2020, 98, 536-543.	1.7	8
8	Co-Gasification of Cow Manure and Bituminous Coal: A Study on Reactivity, Synergistic Effect, and Char Structure Evolution. ACS Omega, 2020, 5, 16779-16788.	3.5	7
9	SAPO-34 and Zn/ZSM-5 synergistic catalysis of methanol to aromatics from light olefins. New Journal of Chemistry, 2022, 46, 8443-8450.	2.8	7
10	Thermal conversion behavior and nitrogen-containing gas products evolution during co-pyrolysis of cow manure and coal: A thermal gravimetric analyzer/differential scanning calorimetry-mass spectrometer investigation. Asia-Pacific Journal of Chemical Engineering, 2021, 16, e2663.	1.5	6
11	Boosting production of useful chemicals and micro-mesopores biochar from in situ catalytic pyrolysis of cellulose with red mud. Biomass Conversion and Biorefinery, 2024, 14, 7045-7055.	4.6	5
12	Study on high temperature gasification kinetics of coal char by TGA and in situ heating stage microscope. Journal of Thermal Analysis and Calorimetry, 2022, 147, 8997-9008.	3.6	4
13	Size Effect of Unsupported CuOx on Propylene Epoxidation by Oxygen. Catalysis Letters, 2020, 150, 939-947.	2.6	3
14	Crystallization and viscosity-temperature characteristics during co-gasification of industrial sludge and coal. Frontiers in Energy, 2022, 16, 1037-1047.	2.3	2
15	Numerical Analysis of Fracture Failure Behavior of Refractory Lining in Coal-Water Slurry Gasifier. ACS Omega, 2022, 7, 18041-18051.	3.5	2
16	Effect of acid distribution and pore structure of ZSM-5 on catalytic performance. Reaction Chemistry and Engineering, 2022, 7, 2152-2162.	3.7	2
17	Investigation on gas release characteristics of catalytic coal pyrolysis using thermogravimetric analyzer-mass spectrometry. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2020, , 1-13.	2.3	1
18	The Strong Interaction Between CuOx and CeO2 Nanorods Enhanced Methanol Synthesis Activity for CO2 Hydrogenation. Catalysis Letters, 2023, 153, 477-492.	2.6	1

#	ARTICLE	IF	CITATIONS
19	Influence of CaO on in-situ tar formation during the co-pyrolysis of coal and cow dung in a Py-GCMS. Biofuels, 0, , 1-6.	2.4	0