

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

#	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