

Li Jia

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

417
citations

759233

12
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on the HgO removal characteristics and synergistic mechanism of iron-based modified biochar doped with multiple metals. <i>Bioresource Technology</i> , 2021, 332, 125086.	9.6	90
2	Study on the Elemental Mercury Adsorption Characteristics and Mechanism of Iron-Based Modified Biochar Materials. <i>Energy & Fuels</i> , 2018, 32, 12554-12566.	5.1	51
3	Low-carbon development path research on China's power industry based on synergistic emission reduction between CO ₂ and air pollutants. <i>Journal of Cleaner Production</i> , 2020, 275, 123097.	9.3	50
4	Study on quenching hydration reaction kinetics and desulfurization characteristics of magnesium slag. <i>Journal of Cleaner Production</i> , 2018, 190, 12-23.	9.3	43
5	Study on the Effects of the Pyrolysis Atmosphere on the Elemental Mercury Adsorption Characteristics and Mechanism of Biomass Char. <i>Energy & Fuels</i> , 2018, 32, 6869-6878.	5.1	27
6	Study of the Molecular Structure and Elemental Mercury Adsorption Mechanism of Biomass Char. <i>Energy & Fuels</i> , 2020, 34, 12743-12756.	5.1	19
7	Study of the Effect of Adsorption Temperature on Elemental Mercury Removal Performance of Iron-Based Modified Biochar. <i>Energy & Fuels</i> , 2019, 33, 11408-11419.	5.1	18
8	Study on CO ₂ Capture Characteristics and Kinetics of Modified Potassium-Based Adsorbents. <i>Materials</i> , 2020, 13, 877.	2.9	18
9	Study on desulfurization performances of magnesium slag with different hydration modification. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 1771-1780.	3.0	16
10	Molecular Structure Analysis and Mercury Adsorption Mechanism of Iron-Based Modified Biochar. <i>Energy & Fuels</i> , 2022, 36, 3184-3200.	5.1	15
11	Study on magnesium slag desulfurizer modified by additives in quenching hydration. <i>Journal of Material Cycles and Waste Management</i> , 2019, 21, 1211-1223.	3.0	13
12	Study on adsorption mechanism of mercury on Ce-Cu modified iron-based biochar. <i>Chemical Engineering Journal Advances</i> , 2022, 10, 100259.	5.2	13
13	N migration and transformation during the co-combustion of sewage sludge and coal slime. <i>Waste Management</i> , 2022, 145, 83-91.	7.4	10
14	Study on Adsorption Mechanism and Failure Characteristics of CO ₂ Adsorption by Potassium-Based Adsorbents with Different Supports. <i>Materials</i> , 2018, 11, 2424.	2.9	9
15	Mercury emission and adsorption characteristics of fly ash in PC and CFB boilers. <i>Frontiers in Energy</i> , 2021, 15, 112-123.	2.3	6
16	Influence mechanism of additives on the crystal structure and desulfurization performance of magnesium slag. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 1114-1125.	3.0	5
17	Numerical simulation of NO and SO ₂ emission dynamic characteristics during thermal start-up of CFB boiler. <i>Particulate Science and Technology</i> , 2023, 41, 53-63.	2.1	5
18	Crystal structure of a new high-performance magnesium slag desulfurizer modified by quenching hydration. <i>Journal of Material Cycles and Waste Management</i> , 2022, 24, 210-223.	3.0	4

#	ARTICLE	IF	CITATIONS
19	Study on Dynamic Characteristics of Residual Char of CFB Boiler Based on CPFD Method. Energies, 2020, 13, 5883.	3.1	3
20	An Air Pollutant Emission Reduction Path of China's Power Industry. Atmosphere, 2020, 11, 852.	2.3	2
21	Numerical Simulation of Low-Frequency Surge of Double-Outlet Return Valve for CFB Boiler. Combustion Science and Technology, 0, , 1-17.	2.3	0