

Lingqin Liu

List of Publications by Year in descending order

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16
papers

468
citations

759233

12
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940533

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16
all docs

16
docs citations

16
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of biomass gasification with oxygen-enriched air in fluidized bed gasifier. <i>Science of the Total Environment</i> , 2018, 626, 423-433.	8.0	99
2	Adsorption characteristics and mechanism of Pb(II) by agricultural waste-derived biochars produced from a pilot-scale pyrolysis system. <i>Waste Management</i> , 2019, 100, 287-295.	7.4	75
3	A green route for pyrolysis poly-generation of typical high ash biomass, rice husk: Effects on simultaneous production of carbonic oxide-rich syngas, phenol-abundant bio-oil, high-adsorption porous carbon and amorphous silicon dioxide. <i>Bioresource Technology</i> , 2020, 295, 122243.	9.6	48
4	PbCl ₂ Capture by Kaolin and Metakaolin under Different Influencing Factors of Thermal Treatment. <i>Energy & Fuels</i> , 2020, 34, 2284-2292.	5.1	36
5	Magnetic $\hat{3}\text{-Fe}_2\text{O}_3$ -Loaded Attapulgite Sorbent for Hg ⁰ Removal in Coal-Fired Flue Gas. <i>Energy & Fuels</i> , 2019, 33, 7522-7533.	5.1	32
6	Investigating the adsorption behavior and quantitative contribution of Pb ²⁺ adsorption mechanisms on biochars by different feedstocks from a fluidized bed pyrolysis system. <i>Environmental Research</i> , 2020, 187, 109609.	7.5	32
7	Investigation of representative components of flue gas used as torrefaction pretreatment atmosphere and its effects on fast pyrolysis behaviors. <i>Bioresource Technology</i> , 2018, 267, 584-590.	9.6	31
8	Syngas production at low temperature via the combination of hydrothermal pretreatment and activated carbon catalyst along with value-added utilization of tar and bio-char. <i>Energy Conversion and Management</i> , 2020, 205, 112382.	9.2	26
9	Influences of equivalence ratio, oxygen concentration and fluidization velocity on the characteristics of oxygen-enriched gasification products from biomass in a pilot-scale fluidized bed. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 14214-14225.	7.1	19
10	Total environmental impacts of biofuels from corn stover using a hybrid life cycle assessment model combining process life cycle assessment and economic input-output life cycle assessment. <i>Integrated Environmental Assessment and Management</i> , 2018, 14, 139-149.	2.9	15
11	Investigation of Elemental Mercury Removal from Coal-Fired Boiler Flue Gas over MIL101-Cr. <i>Energy & Fuels</i> , 2019, 33, 8864-8875.	5.1	15
12	Qualitative and relative distribution of Pb ²⁺ adsorption mechanisms by biochars produced from a fluidized bed pyrolysis system under mild air oxidization conditions. <i>Journal of Molecular Liquids</i> , 2021, 323, 114600.	4.9	15
13	Experimental investigation of high-temperature corrosion properties in simulated reducing-sulphidizing atmospheres of the waterwall fireside in the boiler. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 905-918.	1.7	9
14	Upgrading Biomass Fuels via Combination of CO ₂ -Leaching and Torrefaction. <i>Energy & Fuels</i> , 2021, 35, 5006-5014.	5.1	8
15	Investigation of molten salt in wet torrefaction and its effects on fast pyrolysis behaviors. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2020, 42, 577-585.	2.3	4
16	Simultaneous Catalytic Conversion of Acid-Pretreated Biomass into High-Quality Syngas and Bio-oil at Mild Temperature. <i>Energy & Fuels</i> , 2020, 34, 8366-8375.	5.1	4