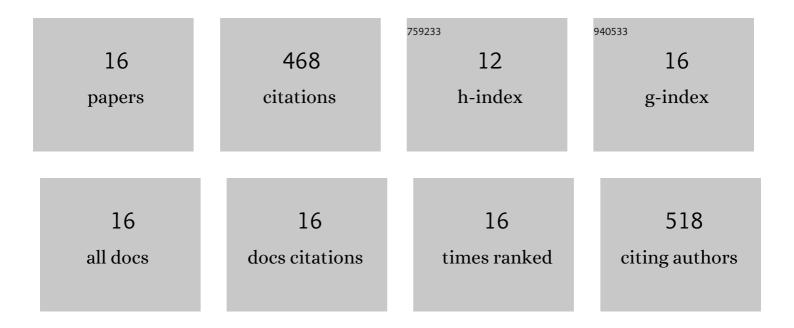
## Lingqin Liu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Experimental study of biomass gasification with oxygen-enriched air in fluidized bed gasifier. Science of the Total Environment, 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. Waste Management, 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. Bioresource Technology, 2020, 295, 122243.	9.6	48
4	PbCl <sub>2</sub> Capture by Kaolin and Metakaolin under Different Influencing Factors of Thermal Treatment. Energy & Fuels, 2020, 34, 2284-2292.	5.1	36
5	Magnetic γ-Fe <sub>2</sub> O <sub>3</sub> -Loaded Attapulgite Sorbent for Hg <sup>O</sup> Removal in Coal-Fired Flue Gas. Energy & Fuels, 2019, 33, 7522-7533.	5.1	32
6	Investigating the adsorption behavior and quantitative contribution of Pb2+ adsorption mechanisms on biochars by different feedstocks from a fluidized bed pyrolysis system. Environmental Research, 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. Bioresource Technology, 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. Energy Conversion and Management, 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. International Journal of Hydrogen Energy, 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. Integrated Environmental Assessment and Management, 2018, 14, 139-149.	2.9	15
11	Investigation of Elemental Mercury Removal from Coal-Fired Boiler Flue Gas over MIL101-Cr. Energy & Fuels, 2019, 33, 8864-8875.	5.1	15
12	Qualitative and relative distribution of Pb2+ adsorption mechanisms by biochars produced from a fluidized bed pyrolysis system under mild air oxidization conditions. Journal of Molecular Liquids, 2021, 323, 114600.	4.9	15
13	Experimental investigation of highâ€ŧemperature corrosion properties in simulated reducingâ€sulphidizing atmospheres of the waterwall fireside in the boiler. Canadian Journal of Chemical Engineering, 2020, 98, 905-918.	1.7	9
14	Upgrading Biomass Fuels via Combination of CO <sub>2</sub> -Leaching and Torrefaction. Energy & Fuels, 2021, 35, 5006-5014.	5.1	8
15	Investigation of molten salt in wet torrefaction and its effects on fast pyrolysis behaviors. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 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. Energy & Fuels, 2020, 34, 8366-8375.	5.1	4