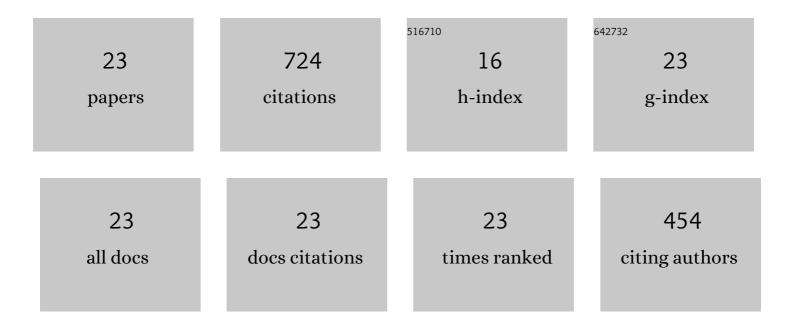
## Liu Huimin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Investigation of properties change in the reacted molten salts after molten chlorides cyclic thermal treatment of toxic MSWI fly ash. Journal of Hazardous Materials, 2022, 421, 126536.	12.4	18
2	Feasibility study on co-processing of automobile shredder residue in coal-fired power plants via pyrolysis. Waste Management, 2022, 143, 135-143.	7.4	5
3	Effect of CO2 on the As2O3 adsorption over carbonaceous surface: Experiment and quantum chemistry study. Chemical Engineering Journal, 2022, 446, 137156.	12.7	5
4	Insights into the transformation mechanism of Se in sized ash particles arising from coal combustion: Model vs. experiment. Fuel Processing Technology, 2022, 236, 107392.	7.2	3
5	Vaporization model of arsenic during single-particle coal combustion: Numerical simulation. Fuel, 2021, 287, 119412.	6.4	12
6	The key roles of Fe-bearing minerals on arsenic capture and speciation transformation during high-As bituminous coal combustion: Experimental and theoretical investigations. Journal of Hazardous Materials, 2021, 415, 125610.	12.4	23
7	Arsenic Partitioning in High-Temperature Ash Deposits during Oxy-fuel Combustion. Energy & Fuels, 2020, 34, 863-870.	5.1	9
8	Enrichment mechanism of arsenic in fine ash deposits during co-combustion of rice husk and coal. Fuel, 2020, 281, 118712.	6.4	17
9	Review on the Current Status of the Co-combustion Technology of Organic Solid Waste (OSW) and Coal in China. Energy & Fuels, 2020, 34, 15448-15487.	5.1	45
10	Re-using of coal-fired fly ash for arsenic vapors in-situ retention before SCR catalyst: Experiments and mechanisms. Chemosphere, 2020, 254, 126700.	8.2	27
11	Vaporization model for arsenic during single-particle coal combustion: Model development. Combustion and Flame, 2019, 205, 534-546.	5.2	9
12	Effect of CO <sub>2</sub> in Flue Gas on Arsenic Adsorption over a Carbonaceous Surface. Energy & Fuels, 2019, 33, 4412-4419.	5.1	16
13	Review of arsenic behavior during coal combustion: Volatilization, transformation, emission and removal technologies. Progress in Energy and Combustion Science, 2018, 68, 1-28.	31.2	147
14	Particle Size Distributions of Fly Ash Arising from Vaporized Components of Coal Combustion: A Comparison of Theory and Experiment. Energy & Fuels, 2018, 32, 4300-4307.	5.1	20
15	Simultaneous volatilization characteristics of arsenic and sulfur during isothermal coal combustion. Fuel, 2017, 203, 152-161.	6.4	37
16	Effect of Volatile and Ash Contents in Coal on the Volatilization of Arsenic during Isothermal Coal Combustion. Energy & Fuels, 2017, 31, 12831-12838.	5.1	24
17	Experiment and mechanism research on gas-phase As2O3 adsorption of Fe2O3/γ-Al2O3. Fuel, 2016, 181, 1034-1040.	6.4	66
18	Experimental and Mechanism Study of Gas-Phase Arsenic Adsorption Over Fe <sub>2</sub> O <sub>3</sub> /γ-Al <sub>2</sub> O <sub>3</sub> Sorbent in Oxy-Fuel Combustion Flue Gas. Industrial & Engineering Chemistry Research, 2016, 55, 10656-10663.	3.7	36

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#	Article	IF	CITATIONS
19	Experimental and modeling study on the volatilization of arsenic during co-combustion of high arsenic lignite blends. Applied Thermal Engineering, 2016, 108, 1336-1343.	6.0	23
20	Volatilization of Arsenic During Coal Combustion Based on Isothermal Thermogravimetric Analysis at 600–1500 °C. Energy & Fuels, 2016, 30, 6790-6798.	5.1	43
21	Volatilization of Arsenic in Coal during Isothermal Oxy-Fuel Combustion. Energy & Fuels, 2016, 30, 3479-3487.	5.1	21
22	Removal of Gas-Phase As <sub>2</sub> O <sub>3</sub> by Metal Oxide Adsorbents: Effects of Experimental Conditions and Evaluation of Adsorption Mechanism. Energy & Fuels, 2015, 29, 6578-6585.	5.1	104
23	Combustion Characteristics and Nitric Oxide Release of the Pulverized Coals under Oxy-enrich Conditions. Industrial & Engineering Chemistry Research, 2012, 51, 14355-14360.	3.7	14