

# Ke Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

430  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collecting behaviors of high internal phase (HIP) emulsion in flotation of ultrafine high-ash content coal slime. <i>International Journal of Coal Preparation and Utilization</i> , 2022, 42, 2635-2655.	2.1	11
2	Understanding the Role of Polyvinylpyrrolidone on Ultrafine Low-Rank Coal Flotation. <i>ACS Omega</i> , 2022, 7, 10196-10204.	3.5	10
3	High-pressure carbon dioxide-hydrothermal enhance yield and methylene blue adsorption performance of banana pseudo-stem activated carbon. <i>Bioresource Technology</i> , 2022, 354, 127137.	9.6	33
4	Comparative study on distribution characteristics of anionic dispersants in coal water slurry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 648, 129176.	4.7	10
5	Efficient Separation of Ultrafine Coal Assisted by Selective Adsorption of Polyvinylpyrrolidone. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 725.	2.0	4
6	Aggregates characterizations of the ultra-fine coal particles induced by nanobubbles. <i>Fuel</i> , 2021, 297, 120765.	6.4	23
7	Understanding the adsorption behaviors of naphthalene sulfonate formaldehyde in coal water slurry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 628, 127245.	4.7	7
8	Using emulsified and pre-dispersed hydrocarbon oil in waste coal reprocessing: A case study. <i>Fuel</i> , 2021, 306, 121628.	6.4	5
9	The Enhancement on Rheology, Flowability, and Stability of Coal Water Slurry Prepared by Multipeak Gradation Technology. <i>Energy &amp; Fuels</i> , 2021, 35, 2006-2015.	5.1	22
10	The performance and dispersing mechanism of anionic dispersants in slurries prepared by upgraded coal. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125450.	4.7	24
11	Electrokinetic potential reduction of fine particles induced by gas nucleation. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105167.	8.2	10
12	Improvement on combustible matter recovery in coal slime flotation with the addition of sodium silicate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 603, 125220.	4.7	18
13	The role of bulk micro-nanobubbles in reagent desorption and potential implication in flotation separation of highly hydrophobized minerals. <i>Ultrasonics Sonochemistry</i> , 2020, 64, 104996.	8.2	24
14	Improvement on slurry ability and combustion dynamics of low quality coals with ultra-high ash content. <i>Chemical Engineering Research and Design</i> , 2020, 156, 391-401.	5.6	26
15	LBM study of aggregation of monosized spherical particles in homogeneous isotropic turbulence. <i>Chemical Engineering Science</i> , 2019, 201, 201-211.	3.8	22
16	Influence of different dispersants on rheological behaviors of coal water slurry prepared from a low quality coal. <i>RSC Advances</i> , 2019, 9, 32911-32921.	3.6	22
17	Recent advances in the beneficiation of ultrafine coal particles. <i>Fuel Processing Technology</i> , 2018, 178, 104-125.	7.2	59
18	Assessing the performance of an industrial SBCR for Fischer-Tropsch synthesis: Experimental and modeling. <i>AIChE Journal</i> , 2015, 61, 3838-3857.	3.6	17

#	ARTICLE	IF	CITATIONS
19	Effect of Sulfur Poisoning in High Pressure Catalytic Partial Oxidation of Methane over Rh <sup>+</sup> Ce/Al <sub>2</sub> O <sub>3</sub> Catalyst. Industrial & Engineering Chemistry Research, 2011, 50, 4373-4380.	3.7	5
20	Kinetics of Zinc Oxide Sulfidation for Packed-Bed Desulfurizer Modeling. Energy & Fuels, 2007, 21, 1863-1871.	5.1	35
21	Noble metal water gas shift catalysis: Kinetics study and reactor design. International Journal of Hydrogen Energy, 2005, 30, 1259-1264.	7.1	43