

Kang Zhang

List of Publications by Year in descending order

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15
papers

282
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

297
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel route to utilize waste engine oil by blending it with water and coal. <i>Journal of Hazardous Materials</i> , 2017, 332, 51-58.	12.4	53
2	Evaluation of modified used engine oil acting as a dispersant for concentrated coal-water slurry. <i>Fuel</i> , 2016, 175, 202-209.	6.4	36
3	Direct exfoliation of graphite into graphene in aqueous solution using a novel surfactant obtained from used engine oil. <i>Journal of Materials Science</i> , 2018, 53, 2484-2496.	3.7	33
4	Synthesis of porous graphitic carbon from biomass by one-step method And its role in the electrode for supercapacitor. <i>Journal of Applied Electrochemistry</i> , 2018, 48, 415-426.	2.9	32
5	Preparation of the recycled and regenerated mesocarbon microbeads-based solid acid and its catalytic behaviors for hydrolysis of cellulose. <i>Bioresource Technology</i> , 2018, 270, 166-171.	9.6	26
6	Influence of octentacle structure on the properties of jellyfish-like 3D dispersants based on tannic acid for preparing high-concentrated coal-water slurry. <i>Fuel</i> , 2020, 274, 117860.	6.4	23
7	Synthesis and evaluation of a novel dispersant with jellyfish-like 3D structure for preparing coal-water slurry. <i>Fuel</i> , 2017, 200, 458-466.	6.4	17
8	New method for utilizing waste tire pyrolysis residue to prepare slurry fuel: Adsorption and slurry characteristics. <i>Powder Technology</i> , 2021, 386, 236-246.	4.2	13
9	Preparation of large-sized graphene from needle coke and the adsorption for malachite green with its graphene oxide. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 97-105.	2.1	12
10	Interactions of amphiphilic humic acid-based polymers with coal and effect on preparation of coal-water slurry. <i>Powder Technology</i> , 2020, 376, 652-660.	4.2	11
11	Synthesis of a novel humic acid-based polycarboxylic dispersant for coal water slurry. <i>International Journal of Green Energy</i> , 2017, 14, 205-211.	3.8	9
12	Interactions of coal pitch with amphoteric polycarboxylate dispersant in coal pitch-water slurry: Experiments and simulations. <i>Fuel</i> , 2022, 318, 123608.	6.4	8
13	Exploration of interactions of modified sodium lignosulfonate with coal pitch in coal pitch-water slurry based on experiments and simulations. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 647, 129063.	4.7	5
14	Eco-friendly utilization of oilfield fracturing flow-back fluid and coal pitch for preparing slurry: Experiments and extended DLVO study. <i>Journal of Petroleum Science and Engineering</i> , 2022, 216, 110786.	4.2	3
15	Synthesis, characteristics and evaluation of antioxidant activity of [1-(tannin-ether)-ethyl]stearate. <i>Journal of Food Science and Technology</i> , 2017, 54, 3483-3490.	2.8	1