

Cheng Fangqin

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

844
citations

516710

16
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

934
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel coumarin-based fluorescent probe for selective detection of bisulfite anions in water and sugar samples. <i>Sensors and Actuators B: Chemical</i> , 2012, 166-167, 665-670.	7.8	126
2	Investigation of combustion characteristics and kinetics of coal gangue with different feedstock properties by thermogravimetric analysis. <i>Thermochimica Acta</i> , 2015, 614, 137-148.	2.7	117
3	Role of additives in improved thermal activation of coal fly ash for alumina extraction. <i>Fuel Processing Technology</i> , 2013, 110, 114-121.	7.2	97
4	Removal of Cd ²⁺ from aqueous solution using hydrothermally modified circulating fluidized bed fly ash resulting from coal gangue power plant. <i>Journal of Cleaner Production</i> , 2018, 172, 1918-1927.	9.3	82
5	Behaviors and Mechanism of Iron Extraction from Chloride Solutions Using Undiluted Cyphos IL 101. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 7534-7542.	3.7	46
6	Microbial community and biomass characteristics associated severe membrane fouling during start-up of a hybrid anoxic-oxic membrane bioreactor. <i>Bioresource Technology</i> , 2012, 103, 43-47.	9.6	38
7	Surface chemistry features in the flotation of KCl. <i>Minerals Engineering</i> , 2010, 23, 365-373.	4.3	34
8	Role of ionic liquids in the efficient transfer of lithium by Cyanex 923 in solvent extraction system. <i>AIChE Journal</i> , 2019, 65, e16606.	3.6	32
9	Study on spectroscopic characterization of meso-tetrakis (4-hydroxyphenyl) porphyrin (THPP) in β -cyclodextrin and its derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2005, 173, 258-263.	3.9	30
10	Effect of oxygen concentration on oxy-fuel combustion characteristic and interactions of coal gangue and pine sawdust. <i>Waste Management</i> , 2019, 87, 288-294.	7.4	30
11	Co-remediation of cadmium-polluted soil using stainless steel slag and ammonium humate. <i>Environmental Science and Pollution Research</i> , 2012, 19, 2842-2848.	5.3	29
12	Theoretical prediction of ⁶ Li/ ⁷ Li separation in solvent extraction system using Urey model. <i>Chemical Engineering Journal</i> , 2019, 358, 435-445.	12.7	29
13	Bubble attachment time and FTIR analysis of water structure in the flotation of sylvite, bischofite and carnallite. <i>Minerals Engineering</i> , 2011, 24, 108-114.	4.3	28
14	Interaction of ozone and organic matter in coagulation with inorganic polymer flocculant-PACl: Role of organic components. <i>Desalination</i> , 2009, 249, 596-601.	8.2	26
15	Aluminum extraction technologies from high aluminum fly ash. <i>Reviews in Chemical Engineering</i> , 2021, 37, 885-906.	4.4	23
16	Thermodynamic Analysis of Temperature Dependence of the Crystal Growth Rate of Potassium Sulfate. <i>Industrial & Engineering Chemistry Research</i> , 2006, 45, 6266-6271.	3.7	19
17	Theoretical and experimental study of Au(III)-containing wastewater treatment using magnetotactic bacteria. <i>Desalination and Water Treatment</i> , 2013, 51, 3864-3870.	1.0	12
18	Converting waste coal fly ash into effective adsorbent for the removal of ammonia nitrogen in water. <i>Journal of Materials Science</i> , 2018, 53, 12731-12740.	3.7	11

#	ARTICLE	IF	CITATIONS
19	Formation of porous crystals by coupling of dissolution and nucleation process in fractional crystallization. <i>Fluid Phase Equilibria</i> , 2007, 261, 300-305.	2.5	10
20	An experimental study of the ignition and combustion characteristics of single coal gangue particles under oxy-fuel conditions. <i>Fuel</i> , 2021, 306, 121741.	6.4	9
21	Reclamation of two saline-sodic soils by the combined use of vinegar residue and silicon-potash fertiliser. <i>Soil Research</i> , 2018, 56, 801.	1.1	8
22	Simulation and experimental study on magnetic separation of Au loaded biomass from wastewater. <i>Desalination and Water Treatment</i> , 2012, 44, 205-214.	1.0	5
23	Effect of O ₂ concentration on combustion behavior and kinetics of coal gangue during oxy-fuel combustion and oxy-steam combustion. <i>Asia-Pacific Journal of Chemical Engineering</i> , 0, , e2713.	1.5	3