

Guang-Zhu Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

736
citations

686830

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610482

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31
all docs

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docs citations

31
times ranked

720
citing authors

#	ARTICLE	IF	CITATIONS
1	New progress in photocatalytic degradation of bisphenol A as representative endocrine disrupting chemicals. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2022, 35, 100629.	3.2	13
2	Synthesis of Novel Magnesium-Doped Hydroxyapatite/Chitosan Nanomaterial and Mechanisms for Enhanced Stabilization of Heavy Metals in Soil. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 3601-3620.	1.9	3
3	Green synthesis of reusable super-paramagnetic diatomite for aqueous nickel (II) removal. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 1179-1190.	5.0	33
4	Synthesis of ion imprinted magnetic nanocomposites and application for novel selective recycling of Ni(II). <i>Journal of Cleaner Production</i> , 2021, 314, 127999.	4.6	15
5	Novel environment-friendly magnetic bentonite nanomaterials functionalized by carboxymethyl chitosan and 1-(2-pyridinylazo)-2-naphthaleno for adsorption of Sc(III). <i>Applied Surface Science</i> , 2021, 566, 150644.	3.1	27
6	Green synthesis of ion-imprinted macroporous composite magnetic hydrogels for selective removal of nickel (II) from wastewater. <i>Journal of Molecular Liquids</i> , 2021, 344, 117963.	2.3	20
7	Novel environmental-friendly nano-composite magnetic attapulgite functionalized by chitosan and EDTA for cadmium (II) removal. <i>Journal of Alloys and Compounds</i> , 2020, 817, 153286.	2.8	78
8	Green synthesis of reusable multifunctional $\tilde{\text{I}}^3\text{-Fe}_2\text{O}_3/\text{bentonite}$ modified by doped TiO_2 hollow spherical nanocomposite for removal of BPA. <i>Science of the Total Environment</i> , 2020, 708, 134669.	3.9	48
9	Novel selective adsorption and photodegradation of BPA by molecularly imprinted sulfur doped nano-titanium dioxide. <i>Journal of Cleaner Production</i> , 2020, 274, 122929.	4.6	48
10	Removal of heavy metals in medical waste incineration fly ash by Na_2EDTA combined with zero-valent iron and recycle of Na_2EDTA : A columnar experiment study. <i>Journal of the Air and Waste Management Association</i> , 2020, 70, 904-914.	0.9	8
11	Synthesis of amino-functionalized bentonite/ $\text{CoFe}_2\text{O}_4@/\text{MnO}_2$ magnetic recoverable nanoparticles for aqueous Cd^{2+} removal. <i>Science of the Total Environment</i> , 2019, 682, 505-513.	3.9	65
12	Size distribution and source of heavy metals in particulate matter on the lead and zinc smelting affected area. <i>Journal of Environmental Sciences</i> , 2018, 71, 188-196.	3.2	47
13	Assessment of heavy metal in coal gangue: distribution, leaching characteristic and potential ecological risk. <i>Environmental Science and Pollution Research</i> , 2018, 25, 32321-32331.	2.7	70
14	Speciation and spatial distribution of Cr in chromite ore processing residue site, Yunnan, China. <i>Acta Geochimica</i> , 2017, 36, 291-297.	0.7	6
15	Gray wavelet neural network and its application in mining waste prediction. , 2016, , .		2
16	High cadmium concentration in soil in the Three Gorges region: Geogenic source and potential bioavailability. <i>Applied Geochemistry</i> , 2013, 37, 149-156.	1.4	96
17	Thallium at the interface of soil and green cabbage (<i>Brassica oleracea</i> L. var. <i>capitata</i> L.): Soil-plant transfer and influencing factors. <i>Science of the Total Environment</i> , 2013, 450-451, 140-147.	3.9	55
18	Distribution of heavy metals in the topsoil of the Jining mining area. <i>Mining Science and Technology</i> , 2010, 20, 395-399.	0.3	2

#	ARTICLE	IF	CITATIONS
19	Heavy Metal Stress to <i>P. Tomentosa</i> in Coal Mining Area and Its Spectral Feature. , 2010, , .		2
20	Information extraction from canopy spectral feature of <i>Comnyza Canadensis</i> (L.) Cronq. , 2010, , .		0
21	Research on Manganese Contamination and Genesis in Jilihe Reservoir. , 2010, , .		1
22	Heavy Metals Distribution Pattern in Coal Gangue. , 2009, , .		1
23	FIELD COLLECTED PLANT SPECTRUM DENOISING BY LOGARITHM TRANSFORM AND WAVELET TRANSFORM. Hongwai Yu Haomibo Xuebao/Journal of Infrared and Millimeter Waves, 2009, 28, 316-320.	0.2	3
24	Vegetation field spectrum denoising via lifting wavelet transform. Science in China Series A: Mathematics, 2008, 14, 131-135.	0.2	3
25	The spectral and image characteristics of vegetation in the presence of heavy metals in southern China. Proceedings of SPIE, 2008, , .	0.8	1
26	Heavy metal content estimation in leaf by spectrum features of plant in De-Xing copper mining area. Proceedings of SPIE, 2008, , .	0.8	28
27	Predicted CO ₂ enhanced coalbed methane recovery and CO ₂ sequestration in China. International Journal of Coal Geology, 2007, 71, 345-357.	1.9	58
28	Remote sensing image classification based on geostatistics and ANN. , 2006, , .		1
29	Study on environment detection and appraisalment of mining area with RS. , 2006, 6405, 353.		0