Guang-Zhu Zhou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9295500/publications.pdf

Version: 2024-02-01

29 papers	736 citations	687220 13 h-index	610775 24 g-index
31 all docs	31 docs citations	31 times ranked	720 citing authors

#	Article	IF	Citations
1	High cadmium concentration in soil in the Three Gorges region: Geogenic source and potential bioavailability. Applied Geochemistry, 2013, 37, 149-156.	1.4	96
2	Novel environmental-friendly nano-composite magnetic attapulgite functionalized by chitosan and EDTA for cadmium (II) removal. Journal of Alloys and Compounds, 2020, 817, 153286.	2.8	78
3	Assessment of heavy metal in coal gangue: distribution, leaching characteristic and potential ecological risk. Environmental Science and Pollution Research, 2018, 25, 32321-32331.	2.7	70
4	Synthesis of amino-functionalized bentonite/CoFe2O4@MnO2 magnetic recoverable nanoparticles for aqueous Cd2+ removal. Science of the Total Environment, 2019, 682, 505-513.	3.9	65
5	Predicted CO2 enhanced coalbed methane recovery and CO2 sequestration in China. International Journal of Coal Geology, 2007, 71, 345-357.	1.9	58
6	Thallium at the interface of soil and green cabbage (Brassica oleracea L. var. capitata L.): Soilâ€“plant transfer and influencing factors. Science of the Total Environment, 2013, 450-451, 140-147.	3.9	55
7	Green synthesis of reusable multifunctional Î³-Fe2O3/bentonite modified by doped TiO2 hollow spherical nanocomposite for removal of BPA. Science of the Total Environment, 2020, 708, 134669.	3.9	48
8	Novel selective adsorption and photodegradation of BPA by molecularly imprinted sulfur doped nano-titanium dioxide. Journal of Cleaner Production, 2020, 274, 122929.	4.6	48
9	Size distribution and source of heavy metals in particulate matter on the lead and zinc smelting affected area. Journal of Environmental Sciences, 2018, 71, 188-196.	3.2	47
10	Green synthesis of reusable super-paramagnetic diatomite for aqueous nickel (II) removal. Journal of Colloid and Interface Science, 2021, 582, 1179-1190.	5.0	33
11	Heavy metal content estimation in leaf by spectrum features of plant in De-Xing copper mining area. Proceedings of SPIE, 2008, , .	0.8	28
12	Novel environment-friendly magnetic bentonite nanomaterials functionalized by carboxymethyl chitosan and 1-(2-pyridinylazo)-2-naphthaleno for adsorption of Sc(III). Applied Surface Science, 2021, 566, 150644.	3.1	27
13	Green synthesis of ion-imprinted macroporous composite magnetic hydrogels for selective removal of nickel (II) from wastewater. Journal of Molecular Liquids, 2021, 344, 117963.	2.3	20
14	Synthesis of ion imprinted magnetic nanocomposites and application for novel selective recycling of Ni(II). Journal of Cleaner Production, 2021, 314, 127999.	4.6	15
15	New progress in photocatalytic degradation of bisphenol A as representative endocrine disrupting chemicals. Current Opinion in Green and Sustainable Chemistry, 2022, 35, 100629.	3.2	13
16	Removal of heavy metals in medical waste incineration fly ash by Na₂EDTA combined with zero-valent iron and recycle of Na₂EDTA: Acolumnar experiment study. Journal of the Air and Waste Management Association, 2020, 70, 904-914.	0.9	8
17	Speciation and spatial distribution of Cr in chromite ore processing residue site, Yunnan, China. Acta Geochimica, 2017, 36, 291-297.	0.7	6
18	Vegetation field spectrum denoising via lifting wavelet transform. Science in China Series A: Mathematics, 2008, 14, 131-135.	0.2	3

#	Article	IF	Citations
19	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
20	Synthesis of Novel Magnesium-Doped Hydroxyapatite/Chitosan Nanomaterial and Mechanisms for Enhanced Stabilization of Heavy Metals in Soil. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 3601-3620.	1.9	3
21	Distribution of heavy metals in the topsoil of the Jining mining area. Mining Science and Technology, 2010, 20, 395-399.	0.3	2
22	Heavy Metal Stress to P. Tomentosa in Coal Mining Area and Its Spectral Feature. , 2010, , .		2
23	Gray wavelet neural network and its application in mining waste prediction. , 2016, , .		2
24	Remote sensing image classification based on geostatistics and ANN. , 2006, , .		1
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 Metals Distribution Pattern in Coal Gangue. , 2009, , .		1
27	Research on Manganese Contamination and Genesis in Jilihe Reservoir. , 2010, , .		1
28	Study on environment detection and appraisement of mining area with RS. , 2006, 6405, 353.		0
29	Information extraction from canopy spectral feature of Comnyza Canadensis (L.) Cronq. , 2010, , .		0