

Yunhui Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1021384/publications.pdf>

Version: 2024-02-01

72
papers

1,981
citations

270111

25
h-index

312153

41
g-index

72
all docs

72
docs citations

72
times ranked

2810
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison between CaO- and MgO-activated ground granulated blast-furnace slag (GGBS) for stabilization/solidification of Zn-contaminated clay slurry. <i>Chemosphere</i> , 2022, 286, 131860.	4.2	26
2	An efficient manganese-oxidizing fungus <i>Cladosporium halotolerans</i> strain XM01: Mn(II) oxidization and Cd adsorption behavior. <i>Chemosphere</i> , 2022, 287, 132026.	4.2	8
3	Organic UV filters mixture exposure and childhood adiposity: A prospective follow-up study in China. <i>Environment International</i> , 2022, 158, 106912.	4.8	6
4	The role of freshwater sludge and its carbonaceous derivatives in the removal of lead, phosphorus and antibiotic enrofloxacin: Sorption characteristics and performance. <i>Chemosphere</i> , 2022, 290, 133298.	4.2	5
5	Ball-milled magnetite for efficient arsenic decontamination: Insights into oxidation-adsorption mechanism. <i>Journal of Hazardous Materials</i> , 2022, 427, 128117.	6.5	16
6	Carbonation treatment of gasification fly ash from municipal solid waste using sodium carbonate and sodium bicarbonate solutions. <i>Environmental Pollution</i> , 2022, 299, 118906.	3.7	8
7	Simultaneous removal of Pb and MTBE by mixed zeolites in fixed-bed column tests. <i>Journal of Environmental Sciences</i> , 2022, 122, 41-49.	3.2	12
8	Machine learning for the prediction of heavy metal removal by chitosan-based flocculants. <i>Carbohydrate Polymers</i> , 2022, 285, 119240.	5.1	20
9	SEBS-Polymer-Modified Slag-Cement-Bentonite for Resilient Slurry Walls. <i>Sustainability</i> , 2022, 14, 2093.	1.6	1
10	Use of superabsorbent polymer in soil-cement subsurface barriers for enhanced heavy metal sorption and self-healing. <i>Science of the Total Environment</i> , 2022, 831, 154708.	3.9	9
11	Characterization and comparison of gasification and incineration fly ashes generated from municipal solid waste in Singapore. <i>Waste Management</i> , 2022, 146, 44-52.	3.7	9
12	Associations of maternal prenatal emotional symptoms with neurodevelopment of children and the neonatal meconium microbiota: A prospective cohort study. <i>Psychoneuroendocrinology</i> , 2022, 142, 105787.	1.3	8
13	Carbonation of municipal solid waste gasification fly ash: Effects of pre-washing and treatment period on carbon capture and heavy metal immobilization. <i>Environmental Pollution</i> , 2022, 308, 119662.	3.7	9
14	Prenatal fine particulate matter exposure, placental DNA methylation changes, and fetal growth. <i>Environment International</i> , 2021, 147, 106313.	4.8	31
15	Spectroscopic and Modeling Investigation of Sorption of Pb(II) to ZSM-5 Zeolites. <i>ACS ES&T Water</i> , 2021, 1, 108-116.	2.3	7
16	Biochar and hydrochar derived from freshwater sludge: Characterization and possible applications. <i>Science of the Total Environment</i> , 2021, 763, 144550.	3.9	49
17	Evaluation of PAHs in edible parts of vegetables and their human health risks in Jinzhong City, Shanxi Province, China: A multimedia modeling approach. <i>Science of the Total Environment</i> , 2021, 773, 145076.	3.9	12
18	MgO-GGBS Binder-Stabilized/Solidified PAE-Contaminated Soil: Strength and Leachability in Early Stage. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021, 147, .	1.5	9

#	ARTICLE	IF	CITATIONS
19	Prenatal exposure to ambient fine particulate matter and early childhood neurodevelopment: A population-based birth cohort study. <i>Science of the Total Environment</i> , 2021, 785, 147334.	3.9	24
20	Sustainable stabilization/solidification of the Pb, Zn, and Cd contaminated soil by red mud-derived binders. <i>Environmental Pollution</i> , 2021, 284, 117178.	3.7	33
21	Lead (Pb) sorption to hydrophobic and hydrophilic zeolites in the presence and absence of MTBE. <i>Journal of Hazardous Materials</i> , 2021, 420, 126528.	6.5	11
22	PM2.5 exposure and maternal glucose metabolism in early pregnancy: Associations and potential mediation of 25-hydroxyvitamin D. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112645.	2.9	6
23	Intrauterine antibiotic exposure affected neonatal gut bacteria and infant growth speed. <i>Environmental Pollution</i> , 2021, 289, 117901.	3.7	12
24	Longitudinal Association of Maternal Pre-Pregnancy BMI and Third-Trimester Glycemia with Early Life Growth of Offspring: A Prospective Study among GDM-Negative Pregnant Women. <i>Nutrients</i> , 2021, 13, 3971.	1.7	5
25	Vertical Barriers for Land Contamination Containment: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12643.	1.2	6
26	GMCs stabilized/solidified Pb/Zn contaminated soil under different curing temperature: Physical and microstructural properties. <i>Chemosphere</i> , 2020, 239, 124738.	4.2	29
27	Blood lead levels among Chinese children: The shifting influence of industry, traffic, and e-waste over three decades. <i>Environment International</i> , 2020, 135, 105379.	4.8	47
28	Organic UV filter exposure and pubertal development: A prospective follow-up study of urban Chinese adolescents. <i>Environment International</i> , 2020, 143, 105961.	4.8	26
29	Association between fetal growth restriction and maternal exposure to polybrominated diphenyl ethers. <i>Ecotoxicology and Environmental Safety</i> , 2020, 198, 110623.	2.9	14
30	Circulating metal concentrations, inflammatory cytokines and gestational weight gain: Shanghai MCPC cohort. <i>Ecotoxicology and Environmental Safety</i> , 2020, 199, 110697.	2.9	5
31	Structural equation modeling of PAHs in surrounding environmental media and field yellow carrot in vegetable bases from Northern China: In comparison with field cabbage. <i>Science of the Total Environment</i> , 2020, 717, 137261.	3.9	12
32	Lactational exposure of polybrominated diphenyl ethers and its association with infant developmental measurements. <i>Journal of Hazardous Materials</i> , 2020, 388, 122031.	6.5	15
33	The use of biochar for sustainable treatment of contaminated soils. , 2020, , 119-167.		5
34	GMCs stabilized/solidified Pb/Zn contaminated soil under different curing temperature: leachability and durability. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26963-26971.	2.7	16
35	Prenatal vanadium exposure, cytokine expression, and fetal growth: A gender-specific analysis in Shanghai MCPC study. <i>Science of the Total Environment</i> , 2019, 685, 1152-1159.	3.9	14
36	Associations between in utero exposure to polybrominated diphenyl ethers, pathophysiological state of fetal growth and placental DNA methylation changes. <i>Environment International</i> , 2019, 133, 105255.	4.8	28

#	ARTICLE	IF	CITATIONS
37	Two-dimensional correlation analysis of continuous online in situ ATR-FTIR on the adsorption of heptyl xanthate at the surface of ZnS and Pb(II) activated ZnS. <i>Minerals Engineering</i> , 2019, 144, 106019.	1.8	9
38	Gas thermal remediation of an organic contaminated site: field trial. <i>Environmental Science and Pollution Research</i> , 2019, 26, 6038-6047.	2.7	13
39	Lead contamination in Chinese surface soils: Source identification, spatial-temporal distribution and associated health risks. <i>Critical Reviews in Environmental Science and Technology</i> , 2019, 49, 1386-1423.	6.6	96
40	Fate of UV filter Ethylhexyl methoxycinnamate in rat model and human urine: Metabolism, exposure and demographic associations. <i>Science of the Total Environment</i> , 2019, 686, 729-736.	3.9	17
41	Predicting gestational personal exposure to PM _{2.5} from satellite-driven ambient concentrations in Shanghai. <i>Chemosphere</i> , 2019, 233, 452-461.	4.2	14
42	Synthesis, characterization and acid-base properties of kaolinite and metal (Fe, Mn, Co) doped kaolinite. <i>Applied Clay Science</i> , 2019, 179, 105138.	2.6	35
43	Personal exposure to PM _{2.5} constituents associated with gestational blood pressure and endothelial dysfunction. <i>Environmental Pollution</i> , 2019, 250, 346-356.	3.7	49
44	The surface sulphidization and wetting of lead oxide fine particles. <i>Minerals Engineering</i> , 2019, 134, 241-249.	1.8	5
45	Synthesis, characterization and adsorption behaviors of Faujasite-type zeolites towards methylene blue. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 592, 012017.	0.3	2
46	Adsorption of methyl tert-butyl ether (MTBE) onto ZSM-5 zeolite: Fixed-bed column tests, breakthrough curve modelling and regeneration. <i>Chemosphere</i> , 2019, 220, 422-431.	4.2	55
47	Spatial distribution of lead contamination in soil and equipment dust at children's playgrounds in Beijing, China. <i>Environmental Pollution</i> , 2019, 245, 363-370.	3.7	64
48	Determination of antibiotic concentration in meconium and its association with fetal growth and development. <i>Environment International</i> , 2019, 123, 70-78.	4.8	43
49	Breakthrough Curve Modelling of ZSM-5 Zeolite Packed Fixed-Bed Columns for the Removal of MTBE. <i>Environmental Science and Engineering</i> , 2019, , 724-730.	0.1	0
50	Umbilical cord blood PBDEs concentrations in relation to placental size at birth. <i>Chemosphere</i> , 2018, 201, 20-24.	4.2	20
51	In utero and lactational exposure of DEHP increases the susceptibility of prostate carcinogenesis in male offspring through PSCA hypomethylation. <i>Toxicology Letters</i> , 2018, 292, 78-84.	0.4	19
52	Structural equation modeling of PAHs in ambient air, dust fall, soil, and cabbage in vegetable bases of Northern China. <i>Environmental Pollution</i> , 2018, 239, 13-20.	3.7	27
53	Kinetic and equilibrium modelling of MTBE (methyl tert-butyl ether) adsorption on ZSM-5 zeolite: Batch and column studies. <i>Journal of Hazardous Materials</i> , 2018, 347, 461-469.	6.5	52
54	Evaluating effects of prenatal exposure to phthalates on neonatal birth weight: Structural equation model approaches. <i>Chemosphere</i> , 2018, 205, 674-681.	4.2	28

#	ARTICLE	IF	CITATIONS
55	Comparison of nickel adsorption on biochars produced from mixed softwood and Miscanthus straw. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14626-14635.	2.7	30
56	Lead-based paint remains a major public health concern: A critical review of global production, trade, use, exposure, health risk, and implications. <i>Environment International</i> , 2018, 121, 85-101.	4.8	160
57	Phthalate exposure and childhood overweight and obesity: Urinary metabolomic evidence. <i>Environment International</i> , 2018, 121, 159-168.	4.8	79
58	Lead-based paint in children's toys sold on China's major online shopping platforms. <i>Environmental Pollution</i> , 2018, 241, 311-318.	3.7	50
59	Determination and application of the solubility product of metal xanthate in mineral flotation and heavy metal removal in wastewater treatment. <i>Minerals Engineering</i> , 2018, 127, 67-73.	1.8	36
60	Characteristics and mechanisms of nickel adsorption on biochars produced from wheat straw pellets and rice husk. <i>Environmental Science and Pollution Research</i> , 2017, 24, 12809-12819.	2.7	145
61	Uptake of PAHs by cabbage root and leaf in vegetable plots near a large coking manufacturer and associations with PAHs in cabbage core. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18953-18965.	2.7	20
62	Exposure to particulate air pollution during early pregnancy is associated with placental DNA methylation. <i>Science of the Total Environment</i> , 2017, 607-608, 1103-1108.	3.9	71
63	Umbilical cord blood PBDEs concentrations are associated with placental DNA methylation. <i>Environment International</i> , 2016, 97, 1-6.	4.8	39
64	An ultrasensitive squamous cell carcinoma antigen biosensing platform utilizing double-antibody single-channel amplification strategy. <i>Biosensors and Bioelectronics</i> , 2015, 72, 156-159.	5.3	25
65	Paraoxonase 2 gene polymorphisms and prenatal phthalates' exposure in Chinese newborns. <i>Environmental Research</i> , 2015, 140, 354-359.	3.7	17
66	An ultrasensitive electrochemical immunosensor for CEA using MWCNT-NH ₂ supported PdPt nanocages as labels for signal amplification. <i>Journal of Materials Chemistry B</i> , 2015, 3, 2006-2011.	2.9	60
67	An ultrasensitive electrochemical immunosensor for determination of estradiol using coralloid Cu ₂ S nanostructures as labels. <i>RSC Advances</i> , 2015, 5, 6512-6517.	1.7	19
68	Elevated phthalates' exposure in children with constitutional delay of growth and puberty. <i>Molecular and Cellular Endocrinology</i> , 2015, 407, 67-73.	1.6	47
69	Electrochemiluminescence sensor based on cationic polythiophene derivative and NH ₂ -graphene for dopamine detection. <i>RSC Advances</i> , 2015, 5, 5432-5437.	1.7	22
70	Site-specific methylation of placental HSD11B2 gene promoter is related to intrauterine growth restriction. <i>European Journal of Human Genetics</i> , 2014, 22, 734-740.	1.4	35
71	Hydrophobic bifunctionalized hexagonal mesoporous silicas as efficient adsorbents for the removal of Orange IV. <i>RSC Advances</i> , 2014, 4, 49783-49788.	1.7	8
72	Multimedia fate and source apportionment of polycyclic aromatic hydrocarbons in a coking industry city in Northern China. <i>Environmental Pollution</i> , 2013, 181, 115-121.	3.7	17