Wenjing Zhang

List of Publications by Year
in descending order

36	579	687363 13	642732 23
papers	citations	h-index	g-index

37	37	37	579
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Physiological characteristics, geochemical properties and hydrological variables influencing pathogen migration in subsurface system: What we know or not?. Geoscience Frontiers, 2022, 13, 101346.	8.4	21
2	Isolation of functional bacterial strains from chromium-contaminated site and bioremediation potentials. Journal of Environmental Management, 2022, 307, 114557.	7.8	13
3	Decreased levels and ecological risks of disinfection by-product chloroform in a field-scale artificial groundwater recharge project by colloid supplement. Environment International, 2022, 161, 107130.	10.0	2
4	Synchronous Cr(VI) Remediation and Energy Production Using Microbial Fuel Cell from a Subsurface Environment: A Review. Energies, 2022, 15, 1989.	3.1	7
5	Enhancing Hole Transport of Quantumâ€Dot Lightâ€Emitting Diodes by a Cruciform Oligothiophene for Effective pâ€Type Doping. Macromolecular Rapid Communications, 2022, , 2200187.	3.9	0
6	Deposition and mobilization of viruses in unsaturated porous media: Roles of different interfaces and straining. Environmental Pollution, 2021, 270, 116072.	7.5	17
7	Study on the Biocontrol Potential of Antifungal Peptides Produced by Bacillus velezensis against Fusarium solani That Infects the Passion Fruit Passiflora edulis. Journal of Agricultural and Food Chemistry, 2021, 69, 2051-2061.	5.2	18
8	Soil characteristics and microbial community response in rare earth mining areas in southern Jiangxi Province, China. Environmental Science and Pollution Research, 2021, 28, 56418-56431.	5.3	12
9	Release characteristics of Pb and BETX from in situ oil shale transformation on groundwater environment. Scientific Reports, 2021, 11, 16166.	3.3	3
10	Shallow Groundwater Quality Assessment and Its Suitability Analysis for Drinking and Irrigation Purposes. Water (Switzerland), 2021, 13, 3361.	2.7	39
11	WinRoots: A High-Throughput Cultivation and Phenotyping System for Plant Phenomics Studies Under Soil Stress. Frontiers in Plant Science, 2021, 12, 794020.	3.6	3
12	Different roles of silica nanoparticles played in virus transport in saturated and unsaturated porous media. Environmental Pollution, 2020, 259, 113861.	7.5	31
13	Host Defense Peptide Mimicking Peptide Polymer Exerting Fast, Broad Spectrum, and Potent Activities toward Clinically Isolated Multidrug-Resistant Bacteria. ACS Infectious Diseases, 2020, 6, 479-488.	3.8	39
14	Facile fabrication of magnetic phosphorylated chitosan for the removal of Co(II) in water treatment: separation properties and adsorption mechanisms. Environmental Science and Pollution Research, 2020, 27, 2588-2598.	5.3	11
15	Co-transport behavior of ammonium and colloids in saturated porous media under different hydrochemical conditions. Environmental Science and Pollution Research, 2020, 27, 15068-15082.	5.3	4
16	Feâ€“colloid cotransport through saturated porous media under different hydrochemical and hydrodynamic conditions. Science of the Total Environment, 2019, 647, 494-506.	8.0	30
17	Enhanced removal of organic contaminants in water by the combination of peroxymonosulfate and carbonate. Science of the Total Environment, 2019, 647, 734-743.	8.0	81
18	Batch experiments to investigate the effect of colloidal silica on benzene adsorption. Environmental Earth Sciences, 2019, 78, 1.	2.7	4

#	Article	IF	Citations
19	Effects of colloidal humic acid on the transport of sulfa antibiotics through a saturated porous medium under different hydrochemical conditions. Water Science and Technology: Water Supply, 2018, 18, 2199-2207.	2.1	2
20	Transport of Escherichia coli phage through saturated porous media considering managed aquifer recharge. Environmental Science and Pollution Research, 2018, 25, 6497-6513.	5.3	14
21	Risk Assessment of Groundwater Organic Pollution Using Hazard, Intrinsic Vulnerability, and Groundwater Value, Suzhou City in China. Exposure and Health, 2018, 10, 99-115.	4.9	24
22	Formation and transformation of chloroform during managed aquifer recharge (MAR). Journal of Environmental Management, 2018, 219, 304-315.	7.8	5
23	Colloid characterization and in situ release in shallow groundwater under different hydrogeology conditions. Environmental Science and Pollution Research, 2017, 24, 14445-14454.	5.3	10
24	Column experiments to investigate transport of colloidal humic acid through porous media during managed aquifer recharge. Hydrogeology Journal, 2017, 25, 79-89.	2.1	11
25	Influence of Humic Acid on the Transport and Deposition of Colloidal Silica under Different Hydrogeochemical Conditions. Water (Switzerland), 2017, 9, 10.	2.7	16
26	Transport of Silica Colloid through Saturated Porous Media under Different Hydrogeochemical and Hydrodynamic Conditions Considering Managed Aquifer Recharge. Water (Switzerland), 2016, 8, 555.	2.7	13
27	Assessment of shallow aquifer remediation capacity under different groundwater management conditions in CGS field. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	4
28	Migration and transformation of manganese during the artificial recharging of a deep confined aquifer. Arabian Journal of Geosciences, 2016, 9, 1.	1.3	2
29	Influences of microbial communities on groundwater component concentrations during managed artificial recharge. Environmental Earth Sciences, 2016, 75, 1.	2.7	5
30	Fate and transport of DBPs in a deep confined aquifer during artificial recharge process. Environmental Earth Sciences, 2016, 75, 1.	2.7	3
31	Multi-component transport and transformation in deep confined aquifer during groundwater artificial recharge. Journal of Environmental Management, 2015, 152, 109-119.	7.8	21
32	Occurrence assessment of earth fissure based on genetic algorithms and artificial neural networks in Su-Xi-Chang land subsidence area, China. Geosciences Journal, 2014, 18, 485-493.	1.2	17
33	Identifying key hydrochemical processes in a confined aquifer of an arid basin using multivariate statistical analysis and inverse modeling. Environmental Earth Sciences, 2014, 72, 299-310.	2.7	12
34	Evaluation of petroleum hydrocarbon biodegradation in shallow groundwater by hydrogeochemical indicators and C, S-isotopes. Environmental Earth Sciences, 2013, 69, 2091-2101.	2.7	12
35	Effective storage rates analysis of groundwater reservoir with surplus local and transferred water used in <scp>S</scp>hijiazhuang <scp>C</scp>ity, <scp>C</scp>hina. Water and Environment Journal, 2013, 27, 157-169.	2.2	33
36	Transport and fate modeling of nitrobenzene in groundwater after the Songhua River pollution accident. Journal of Environmental Management, 2010, 91, 2378-2384.	7.8	40