

Wenjing Zhang

List of Publications by Year in descending order

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36
papers

579
citations

687363

13
h-index

642732

23
g-index

37
all docs

37
docs citations

37
times ranked

579
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced removal of organic contaminants in water by the combination of peroxymonosulfate and carbonate. <i>Science of the Total Environment</i> , 2019, 647, 734-743.	8.0	81
2	Transport and fate modeling of nitrobenzene in groundwater after the Songhua River pollution accident. <i>Journal of Environmental Management</i> , 2010, 91, 2378-2384.	7.8	40
3	Host Defense Peptide Mimicking Peptide Polymer Exerting Fast, Broad Spectrum, and Potent Activities toward Clinically Isolated Multidrug-Resistant Bacteria. <i>ACS Infectious Diseases</i> , 2020, 6, 479-488.	3.8	39
4	Shallow Groundwater Quality Assessment and Its Suitability Analysis for Drinking and Irrigation Purposes. <i>Water (Switzerland)</i> , 2021, 13, 3361.	2.7	39
5	Effective storage rates analysis of groundwater reservoir with surplus local and transferred water used in <i>S</i> hijiazhuang <i>C</i> ity, <i>C</i> hina. <i>Water and Environment Journal</i> , 2013, 27, 157-169.	2.2	33
6	Different roles of silica nanoparticles played in virus transport in saturated and unsaturated porous media. <i>Environmental Pollution</i> , 2020, 259, 113861.	7.5	31
7	Fe ³⁺ colloid cotransport through saturated porous media under different hydrochemical and hydrodynamic conditions. <i>Science of the Total Environment</i> , 2019, 647, 494-506.	8.0	30
8	Risk Assessment of Groundwater Organic Pollution Using Hazard, Intrinsic Vulnerability, and Groundwater Value, Suzhou City in China. <i>Exposure and Health</i> , 2018, 10, 99-115.	4.9	24
9	Multi-component transport and transformation in deep confined aquifer during groundwater artificial recharge. <i>Journal of Environmental Management</i> , 2015, 152, 109-119.	7.8	21
10	Physiological characteristics, geochemical properties and hydrological variables influencing pathogen migration in subsurface system: What we know or not?. <i>Geoscience Frontiers</i> , 2022, 13, 101346.	8.4	21
11	Study on the Biocontrol Potential of Antifungal Peptides Produced by <i>Bacillus velezensis</i> against <i>Fusarium solani</i> That Infects the Passion Fruit <i>Passiflora edulis</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 2051-2061.	5.2	18
12	Occurrence assessment of earth fissure based on genetic algorithms and artificial neural networks in Su-Xi-Chang land subsidence area, China. <i>Geosciences Journal</i> , 2014, 18, 485-493.	1.2	17
13	Deposition and mobilization of viruses in unsaturated porous media: Roles of different interfaces and straining. <i>Environmental Pollution</i> , 2021, 270, 116072.	7.5	17
14	Influence of Humic Acid on the Transport and Deposition of Colloidal Silica under Different Hydrogeochemical Conditions. <i>Water (Switzerland)</i> , 2017, 9, 10.	2.7	16
15	Transport of <i>Escherichia coli</i> phage through saturated porous media considering managed aquifer recharge. <i>Environmental Science and Pollution Research</i> , 2018, 25, 6497-6513.	5.3	14
16	Transport of Silica Colloid through Saturated Porous Media under Different Hydrogeochemical and Hydrodynamic Conditions Considering Managed Aquifer Recharge. <i>Water (Switzerland)</i> , 2016, 8, 555.	2.7	13
17	Isolation of functional bacterial strains from chromium-contaminated site and bioremediation potentials. <i>Journal of Environmental Management</i> , 2022, 307, 114557.	7.8	13
18	Evaluation of petroleum hydrocarbon biodegradation in shallow groundwater by hydrogeochemical indicators and C, S-isotopes. <i>Environmental Earth Sciences</i> , 2013, 69, 2091-2101.	2.7	12

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19	Identifying key hydrochemical processes in a confined aquifer of an arid basin using multivariate statistical analysis and inverse modeling. <i>Environmental Earth Sciences</i> , 2014, 72, 299-310.	2.7	12
20	Soil characteristics and microbial community response in rare earth mining areas in southern Jiangxi Province, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 56418-56431.	5.3	12
21	Column experiments to investigate transport of colloidal humic acid through porous media during managed aquifer recharge. <i>Hydrogeology Journal</i> , 2017, 25, 79-89.	2.1	11
22	Facile fabrication of magnetic phosphorylated chitosan for the removal of Co(II) in water treatment: separation properties and adsorption mechanisms. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2588-2598.	5.3	11
23	Colloid characterization and in situ release in shallow groundwater under different hydrogeology conditions. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14445-14454.	5.3	10
24	Synchronous Cr(VI) Remediation and Energy Production Using Microbial Fuel Cell from a Subsurface Environment: A Review. <i>Energies</i> , 2022, 15, 1989.	3.1	7
25	Influences of microbial communities on groundwater component concentrations during managed artificial recharge. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	5
26	Formation and transformation of chloroform during managed aquifer recharge (MAR). <i>Journal of Environmental Management</i> , 2018, 219, 304-315.	7.8	5
27	Assessment of shallow aquifer remediation capacity under different groundwater management conditions in CGS field. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	4
28	Batch experiments to investigate the effect of colloidal silica on benzene adsorption. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	4
29	Co-transport behavior of ammonium and colloids in saturated porous media under different hydrochemical conditions. <i>Environmental Science and Pollution Research</i> , 2020, 27, 15068-15082.	5.3	4
30	Fate and transport of DBPs in a deep confined aquifer during artificial recharge process. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	3
31	Release characteristics of Pb and BETX from in situ oil shale transformation on groundwater environment. <i>Scientific Reports</i> , 2021, 11, 16166.	3.3	3
32	WinRoots: A High-Throughput Cultivation and Phenotyping System for Plant Phenomics Studies Under Soil Stress. <i>Frontiers in Plant Science</i> , 2021, 12, 794020.	3.6	3
33	Migration and transformation of manganese during the artificial recharging of a deep confined aquifer. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	1.3	2
34	Effects of colloidal humic acid on the transport of sulfa antibiotics through a saturated porous medium under different hydrochemical conditions. <i>Water Science and Technology: Water Supply</i> , 2018, 18, 2199-2207.	2.1	2
35	Decreased levels and ecological risks of disinfection by-product chloroform in a field-scale artificial groundwater recharge project by colloid supplement. <i>Environment International</i> , 2022, 161, 107130.	10.0	2
36	Enhancing Hole Transport of Quantum Dot Light-Emitting Diodes by a Cruciform Oligothiophene for Effective p-Type Doping. <i>Macromolecular Rapid Communications</i> , 2022, , 2200187.	3.9	0