Xin Song

List of Publications by Year
in descending order

46	1,237	361413	377865
papers	citations	20 h-index	34 g-index

46	46	46	1295
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiple crop bioaccumulation and human exposure of perfluoroalkyl substances around a mega fluorochemical industrial park, China: Implication for planting optimization and food safety. Environment International, 2019, 127, 671-684.	10.0	126
2	Distribution, source identification and health risk assessment of PFASs and two PFOS alternatives in groundwater from non-industrial areas. Ecotoxicology and Environmental Safety, 2018, 152, 141-150.	6.0	105
3	A review on the sustainability of thermal treatment for contaminated soils. Environmental Pollution, 2019, 253, 449-463.	7.5	103
4	Sorption kinetics, isotherms and mechanisms of PFOS on soils with different physicochemical properties. Ecotoxicology and Environmental Safety, 2017, 142, 40-50.	6.0	96
5	Linking carbon and nitrogen metabolism to depth distribution of submersed macrophytes using high ammonium dosing tests and a lake survey. Freshwater Biology, 2013, 58, 2532-2540.	2.4	52
6	Rare-Earth Elements in Lighting and Optical Applications and Their Recycling. Jom, 2013, 65, 1276-1282.	1.9	51
7	Sustainable remediation of diesel-contaminated soil by low temperature thermal treatment: Improved energy efficiency and soil reusability. Chemosphere, 2020, 241, 124952.	8.2	51
8	Activated Persulfate Oxidation of Perfluorooctanoic Acid (PFOA) in Groundwater under Acidic Conditions. International Journal of Environmental Research and Public Health, 2016, 13, 602.	2.6	46
9	Cadmium removal from simulated groundwater using alumina nanoparticles: behaviors and mechanisms. Environmental Pollution, 2018, 240, 255-266.	7.5	45
10	Legacy and emerging per- and polyfluoroalkyl substances (PFASs) in multi-media around a landfill in China: Implications for the usage of PFASs alternatives. Science of the Total Environment, 2021, 751, 141767.	8.0	44
11	In situ remediation of Cr(VI) contaminated groundwater by ZVI-PRB and the corresponding indigenous microbial community responses: a field-scale study. Science of the Total Environment, 2022, 805, 150260.	8.0	42
12	Occurrence, source apportionment, plant bioaccumulation and human exposure of legacy and emerging per- and polyfluoroalkyl substances in soil and plant leaves near a landfill in China. Science of the Total Environment, 2021, 776, 145731.	8.0	41
13	Behavior and mechanisms for sorptive removal of perfluorooctane sulfonate by layered double hydroxides. Chemosphere, 2017, 187, 196-205.	8.2	31
14	pHsh vectors, a novel expression system of Escherichia coli for the large-scale production of recombinant enzymes. Biotechnology Letters, 2010, 32, 795-801.	2.2	29
15	Characterization of a thermo-alkali-stable laccase fromBacillus subtiliscjp3 and its application in dyes decolorization. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 710-717.	1.7	28
16	Thermally enhanced bioremediation: A review of the fundamentals and applications in soil and groundwater remediation. Journal of Hazardous Materials, 2022, 433, 128749.	12.4	28
17	Size-dependent C, N and P stoichiometry of three submersed macrophytes along water depth gradients. Environmental Earth Sciences, 2015, 74, 3733-3738.	2.7	27
18	Effects of co-occurrence of PFASs and chlorinated aliphatic hydrocarbons on microbial communities in groundwater: A field study. Journal of Hazardous Materials, 2022, 435, 128969.	12.4	23

#	Article	IF	Citations
19	Nitrogen/carbon metabolism in response to NH4+ pulse for two submersed macrophytes. Aquatic Botany, 2015, 121, 76-82.	1.6	21
20	Enhanced biostimulation coupled with a dynamic groundwater recirculation system for Cr(VI) removal from groundwater: A field-scale study. Science of the Total Environment, 2021, 772, 145495.	8.0	21
21	In Situ Bioremediation in Heterogeneous Porous Media: Dispersion-Limited Scenario. Environmental Science & Technology, 2008, 42, 6131-6140.	10.0	19
22	Enhanced removal of tetrachloroethylene from aqueous solutions by biodegradation coupled with nZVI modified by layered double hydroxide. Chemosphere, 2020, 243, 125260.	8.2	17
23	Efficient sorptive removal of F-53B from water by layered double hydroxides: Performance and mechanisms. Chemosphere, 2020, 252, 126443.	8.2	17
24	A novel Fe(III) dependent bioflocculant from Klebsiella oxytoca GS-4-08: culture conditions optimization and flocculation mechanism. Scientific Reports, 2016, 6, 34980.	3.3	16
25	Conflict Minerals in Electronic Systems: An Overview and Critique of Legal Initiatives. Science and Engineering Ethics, 2016, 22, 1375-1389.	2.9	16
26	First insights into the formation and long-term dynamic behaviors of nonextractable perfluorooctanesulfonate and its alternative 6:2 chlorinated polyfluorinated ether sulfonate residues in a silty clay soil. Science of the Total Environment, 2021, 761, 143230.	8.0	13
27	Degradation and mechanism of hexafluoropropylene oxide dimer acid by thermally activated persulfate in aqueous solutions. Chemosphere, 2022, 286, 131720.	8.2	13
28	Distribution, source identification and health risk assessment of PFASs in groundwater from Jiangxi Province, China. Chemosphere, 2022, 291, 132946.	8.2	13
29	Influence of coexisting Cr(VI) and sulfate anions and Cu(II) on the sorption of F-53B to soils. Chemosphere, 2019, 216, 507-515.	8.2	12
30	Three dimensional aeroelastic analyses considering free-play nonlinearity using computational fluid dynamics/computational structural dynamics coupling. Journal of Sound and Vibration, 2021, 494, 115896.	3.9	11
31	Simultaneous Decolorization and Biohydrogen Production from Xylose by Klebsiella oxytoca GS-4-08 in the Presence of Azo Dyes with Sulfonate and Carboxyl Groups. Applied and Environmental Microbiology, 2017, 83, .	3.1	10
32	A numerical study of optimizing the well spacing and heating power for in situ thermal remediation of organic-contaminated soil. Case Studies in Thermal Engineering, 2022, 33, 101941.	5.7	10
33	Soil Environment and Pollution Remediation. Pedosphere, 2017, 27, 387-388.	4.0	9
34	Laboratory-scale in situ bioremediation in heterogeneous porous media: Biokinetics-limited scenario. Journal of Contaminant Hydrology, 2014, 158, 78-92.	3.3	8
35	Aeroelastic Simulation Using CFD/CSD Coupling Based on Precise Integration Method. International Journal of Aeronautical and Space Sciences, 2020, 21, 750-767.	2.0	8
36	Aerobic and Anaerobic Biodegradation of 1,2-Dibromoethane by a Microbial Consortium under Simulated Groundwater Conditions. International Journal of Environmental Research and Public Health, 2019, 16, 3775.	2.6	6

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37	Co-occurrence and correlations of PFASs and chlorinated volatile organic compounds (cVOCs) in subsurface in a fluorochemical industrial park: Laboratory and field investigations. Science of the Total Environment, 2022, 814, 152814.	8.0	6
38	A quantitative framework for understanding complex interactions between competing interfacial processes and in situ biodegradation. Journal of Contaminant Hydrology, 2013, 146, 16-36.	3.3	5
39	Effective remediation of low-concentration cadmium in groundwater using nano-scale magnesia. Environmental Science and Pollution Research, 2017, 24, 10819-10832.	5.3	5
40	Oxygen Transport across the Capillary Fringe in LNAPL Pool-Source Zones. Journal of Environmental Engineering, ASCE, 2014, 140, .	1.4	3
41	Enhanced distribution of humic acid-modified nanoscale magnesia for in situ reactive zone removal of Cd from simulated groundwater. Environmental Pollution, 2019, 245, 9-19.	7.5	3
42	A Nonâ€steady State Model Based on Dual Nitrogen and Oxygen Isotopes to Constrain Moss Nitrate Uptake and Reduction. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005498.	3.0	3
43	Topological anaylysis and prediction of aging genes in Mus musculus. , 2012, , .		2
44	Discovering Aging-Genes by Topological Features in Drosophila melanogaster Protein-Protein Interaction Network. , 2012, , .		2
45	Sorption of Naphthalene onto Natural and Surfactant-Amended Soils. Journal of Environmental Engineering, ASCE, 2016, 142, 06015010.	1.4	0
46	A Robust Aerodynamic Optimization Design for Airfoil Based on Interval Uncertainty Analysis Method. , 2019, , .		0