

Xin Song

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

1,237
citations

361413

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377865

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docs citations

46
times ranked

1295
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ remediation of Cr(VI) contaminated groundwater by ZVI-PRB and the corresponding indigenous microbial community responses: a field-scale study. <i>Science of the Total Environment</i> , 2022, 805, 150260.	8.0	42
2	Degradation and mechanism of hexafluoropropylene oxide dimer acid by thermally activated persulfate in aqueous solutions. <i>Chemosphere</i> , 2022, 286, 131720.	8.2	13
3	Distribution, source identification and health risk assessment of PFASs in groundwater from Jiangxi Province, China. <i>Chemosphere</i> , 2022, 291, 132946.	8.2	13
4	Co-occurrence and correlations of PFASs and chlorinated volatile organic compounds (cVOCs) in subsurface in a fluorochemical industrial park: Laboratory and field investigations. <i>Science of the Total Environment</i> , 2022, 814, 152814.	8.0	6
5	A numerical study of optimizing the well spacing and heating power for in situ thermal remediation of organic-contaminated soil. <i>Case Studies in Thermal Engineering</i> , 2022, 33, 101941.	5.7	10
6	Thermally enhanced bioremediation: A review of the fundamentals and applications in soil and groundwater remediation. <i>Journal of Hazardous Materials</i> , 2022, 433, 128749.	12.4	28
7	Effects of co-occurrence of PFASs and chlorinated aliphatic hydrocarbons on microbial communities in groundwater: A field study. <i>Journal of Hazardous Materials</i> , 2022, 435, 128969.	12.4	23
8	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. <i>Science of the Total Environment</i> , 2021, 761, 143230.	8.0	13
9	Three dimensional aeroelastic analyses considering free-play nonlinearity using computational fluid dynamics/computational structural dynamics coupling. <i>Journal of Sound and Vibration</i> , 2021, 494, 115896.	3.9	11
10	Legacy and emerging per- and polyfluoroalkyl substances (PFASs) in multi-media around a landfill in China: Implications for the usage of PFASs alternatives. <i>Science of the Total Environment</i> , 2021, 751, 141767.	8.0	44
11	Enhanced biostimulation coupled with a dynamic groundwater recirculation system for Cr(VI) removal from groundwater: A field-scale study. <i>Science of the Total Environment</i> , 2021, 772, 145495.	8.0	21
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. <i>Science of the Total Environment</i> , 2021, 776, 145731.	8.0	41
13	Sustainable remediation of diesel-contaminated soil by low temperature thermal treatment: Improved energy efficiency and soil reusability. <i>Chemosphere</i> , 2020, 241, 124952.	8.2	51
14	Enhanced removal of tetrachloroethylene from aqueous solutions by biodegradation coupled with nZVI modified by layered double hydroxide. <i>Chemosphere</i> , 2020, 243, 125260.	8.2	17
15	Efficient sorptive removal of F-53B from water by layered double hydroxides: Performance and mechanisms. <i>Chemosphere</i> , 2020, 252, 126443.	8.2	17
16	A Non-steady State Model Based on Dual Nitrogen and Oxygen Isotopes to Constrain Moss Nitrate Uptake and Reduction. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005498.	3.0	3
17	Aeroelastic Simulation Using CFD/CSD Coupling Based on Precise Integration Method. <i>International Journal of Aeronautical and Space Sciences</i> , 2020, 21, 750-767.	2.0	8
18	A review on the sustainability of thermal treatment for contaminated soils. <i>Environmental Pollution</i> , 2019, 253, 449-463.	7.5	103

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19	Aerobic and Anaerobic Biodegradation of 1,2-Dibromoethane by a Microbial Consortium under Simulated Groundwater Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3775.	2.6	6
20	Multiple crop bioaccumulation and human exposure of perfluoroalkyl substances around a mega fluorochemical industrial park, China: Implication for planting optimization and food safety. <i>Environment International</i> , 2019, 127, 671-684.	10.0	126
21	Influence of coexisting Cr(VI) and sulfate anions and Cu(II) on the sorption of F-53B to soils. <i>Chemosphere</i> , 2019, 216, 507-515.	8.2	12
22	Enhanced distribution of humic acid-modified nanoscale magnesia for in situ reactive zone removal of Cd from simulated groundwater. <i>Environmental Pollution</i> , 2019, 245, 9-19.	7.5	3
23	A Robust Aerodynamic Optimization Design for Airfoil Based on Interval Uncertainty Analysis Method. , 2019, , .		0
24	Distribution, source identification and health risk assessment of PFASs and two PFOS alternatives in groundwater from non-industrial areas. <i>Ecotoxicology and Environmental Safety</i> , 2018, 152, 141-150.	6.0	105
25	Cadmium removal from simulated groundwater using alumina nanoparticles: behaviors and mechanisms. <i>Environmental Pollution</i> , 2018, 240, 255-266.	7.5	45
26	Simultaneous Decolorization and Biohydrogen Production from Xylose by <i>Klebsiella oxytoca</i> GS-4-08 in the Presence of Azo Dyes with Sulfonate and Carboxyl Groups. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	10
27	Characterization of a thermo-alkali-stable laccase from <i>Bacillus subtilis</i> cjp3 and its application in dyes decolorization. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 710-717.	1.7	28
28	Soil Environment and Pollution Remediation. <i>Pedosphere</i> , 2017, 27, 387-388.	4.0	9
29	Sorption kinetics, isotherms and mechanisms of PFOS on soils with different physicochemical properties. <i>Ecotoxicology and Environmental Safety</i> , 2017, 142, 40-50.	6.0	96
30	Effective remediation of low-concentration cadmium in groundwater using nano-scale magnesia. <i>Environmental Science and Pollution Research</i> , 2017, 24, 10819-10832.	5.3	5
31	Behavior and mechanisms for sorptive removal of perfluorooctane sulfonate by layered double hydroxides. <i>Chemosphere</i> , 2017, 187, 196-205.	8.2	31
32	Activated Persulfate Oxidation of Perfluorooctanoic Acid (PFOA) in Groundwater under Acidic Conditions. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 602.	2.6	46
33	A novel Fe(III) dependent biofloculant from <i>Klebsiella oxytoca</i> GS-4-08: culture conditions optimization and flocculation mechanism. <i>Scientific Reports</i> , 2016, 6, 34980.	3.3	16
34	Sorption of Naphthalene onto Natural and Surfactant-Amended Soils. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, 06015010.	1.4	0
35	Conflict Minerals in Electronic Systems: An Overview and Critique of Legal Initiatives. <i>Science and Engineering Ethics</i> , 2016, 22, 1375-1389.	2.9	16
36	Size-dependent C, N and P stoichiometry of three submersed macrophytes along water depth gradients. <i>Environmental Earth Sciences</i> , 2015, 74, 3733-3738.	2.7	27

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37	Nitrogen/carbon metabolism in response to NH ₄ ⁺ pulse for two submersed macrophytes. <i>Aquatic Botany</i> , 2015, 121, 76-82.	1.6	21
38	Oxygen Transport across the Capillary Fringe in LNAPL Pool-Source Zones. <i>Journal of Environmental Engineering, ASCE</i> , 2014, 140, .	1.4	3
39	Laboratory-scale in situ bioremediation in heterogeneous porous media: Biokinetics-limited scenario. <i>Journal of Contaminant Hydrology</i> , 2014, 158, 78-92.	3.3	8
40	Rare-Earth Elements in Lighting and Optical Applications and Their Recycling. <i>Jom</i> , 2013, 65, 1276-1282.	1.9	51
41	Linking carbon and nitrogen metabolism to depth distribution of submersed macrophytes using high ammonium dosing tests and a lake survey. <i>Freshwater Biology</i> , 2013, 58, 2532-2540.	2.4	52
42	A quantitative framework for understanding complex interactions between competing interfacial processes and in situ biodegradation. <i>Journal of Contaminant Hydrology</i> , 2013, 146, 16-36.	3.3	5
43	Topological analysis and prediction of aging genes in <i>Mus musculus</i> . , 2012, , .		2
44	Discovering Aging-Genes by Topological Features in <i>Drosophila melanogaster</i> Protein-Protein Interaction Network. , 2012, , .		2
45	pHsh vectors, a novel expression system of <i>Escherichia coli</i> for the large-scale production of recombinant enzymes. <i>Biotechnology Letters</i> , 2010, 32, 795-801.	2.2	29
46	In Situ Bioremediation in Heterogeneous Porous Media: Dispersion-Limited Scenario. <i>Environmental Science & Technology</i> , 2008, 42, 6131-6140.	10.0	19