

Sihai Hu

List of Publications by Year in descending order

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36
papers

746
citations

567281

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552781

26
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36
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Aromatic compounds releases aroused by sediment resuspension alter nitrate transformation rates and pathways during aerobic-anoxic transition. <i>Journal of Hazardous Materials</i> , 2022, 424, 127365.	12.4	30
2	Iodine enrichment and the underlying mechanism in deep groundwater in the Cangzhou Region, North China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 10552-10563.	5.3	6
3	Adsorptive Removal of Low-Concentration Cr(VI) in Aqueous Solution by Mg-Al Layered Double Oxides. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 134-145.	2.7	8
4	Changes in the fluorescence intensity, degradability, and aromaticity of organic carbon in ammonium and phenanthrene-polluted aquatic ecosystems. <i>RSC Advances</i> , 2021, 11, 1066-1076.	3.6	5
5	Nitrogen species control the interaction between NO ₃ -N reduction and aniline degradation and microbial community structure in the oxic-anoxic transition zone. <i>Environmental Science and Pollution Research</i> , 2021, 28, 29650-29664.	5.3	3
6	Adsorption Performance and Mechanism of Synthetic Schwertmannite to Remove Low-Concentration Fluorine in Water. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 1191-1201.	2.7	8
7	Sources and hydrogeological conditions that cause high iodine concentrations in deep groundwater in the Zhangwei watershed, North China Plain. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	2
8	Dissolved oxygen disturbs nitrate transformation by modifying microbial community, co-occurrence networks, and functional genes during aerobic-anoxic transition. <i>Science of the Total Environment</i> , 2021, 790, 148245.	8.0	47
9	Characteristics and metabolic pathway of the bacteria for heterotrophic nitrification and aerobic denitrification in aquatic ecosystems. <i>Environmental Research</i> , 2020, 191, 110069.	7.5	73
10	NH ₄ ⁺ -N/NO ₃ ⁻ -N ratio controlling nitrogen transformation accompanied with NO ₂ ⁻ -N accumulation in the oxic-anoxic transition zone. <i>Environmental Research</i> , 2020, 189, 109962.	7.5	29
11	The correlation analyses of bacterial community composition and spatial factors between freshwater and sediment in Poyang Lake wetland by using artificial neural network (ANN) modeling. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 1191-1207.	2.0	13
12	Batch Adsorption and Column Leaching Studies of Aniline in Chinese Loess Under Different Hydrochemical Conditions. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 511-519.	2.7	8
13	Microbial Heterotrophic Nitrification-Aerobic Denitrification Dominates Simultaneous Removal of Aniline and Ammonium in Aquatic Ecosystems. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	2.4	24
14	A lab-scale study on heterotrophic nitrification-aerobic denitrification for nitrogen control in aquatic ecosystem. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9307-9317.	5.3	29
15	Laboratory tests on effects of wetting-drying cycles and loess layer thickness on release and transport of loess colloidal particles in artificial loess columns. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	4
16	Batch Adsorption and Column Transport Studies of 2,4,6-Trinitrotoluene in Chinese Loess. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 75-81.	2.7	6
17	Wetting-drying cycles enhance the release and transport of autochthonous colloidal particles in Chinese loess. <i>Human and Ecological Risk Assessment (HERA)</i> , 2019, 25, 335-353.	3.4	18
18	Dynamic characteristics of heavy metal accumulation in the farmland soil over Xiaoqinling gold-mining region, Shaanxi, China. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	32

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19	Nitrate Removal from Groundwater by Heterotrophic/Autotrophic Denitrification Using Easily Degradable Organics and Nano-Zero Valent Iron as Co-Electron Donors. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	25
20	Controls on the spatial distribution of iodine in groundwater in the Hebei Plain, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 16702-16709.	5.3	12
21	A feasibility study on biological nitrogen removal (BNR) via integrated thiosulfate-driven denitrification with anammox. <i>Chemosphere</i> , 2018, 208, 793-799.	8.2	54
22	Chemical properties of dissolved organic matter derived from sugarcane rind and the impacts on copper adsorption onto red soil. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21750-21760.	5.3	15
23	An exploratory study on low-concentration hexavalent chromium adsorption by Fe(III)-cross-linked chitosan beads. <i>Royal Society Open Science</i> , 2017, 4, 170905.	2.4	16
24	Enhanced Fenton-like removal of nitrobenzene via internal microelectrolysis in nano zerovalent iron/activated carbon composite. <i>Water Science and Technology</i> , 2016, 73, 153-160.	2.5	18
25	Intensify chemical reduction to remove nitrate from groundwater via internal microelectrolysis existing in nano-zero valent iron/granular activated carbon composite. <i>Desalination and Water Treatment</i> , 2016, 57, 14158-14168.	1.0	12
26	Effects of fresh and degraded dissolved organic matter derived from maize straw on copper sorption onto farmland loess. <i>Journal of Soils and Sediments</i> , 2016, 16, 327-338.	3.0	27
27	Intensify Removal of Nitrobenzene from Aqueous Solution Using Nano-Zero Valent Iron/Granular Activated Carbon Composite as Fenton-Like Catalyst. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	34
28	Improvement of interfacial adhesion between PBO fibers and cyanate ester matrix. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	8
29	Characteristics and mechanisms of 4A zeolite supported nanoparticulate zero-valent iron as Fenton-like catalyst to degrade methylene blue. <i>Toxicological and Environmental Chemistry</i> , 2014, 96, 227-242.	1.2	12
30	Synergistic effects of inorganic salt and surfactant on phenanthrene removal from aqueous solution by sediment. <i>Water Science and Technology</i> , 2014, 70, 1329-1334.	2.5	0
31	Thermal conductivities, mechanical and thermal properties of graphite nanoplatelets/polyphenylene sulfide composites. <i>RSC Advances</i> , 2014, 4, 22101-22105.	3.6	98
32	Simultaneous removal of nitrate and aniline from groundwater by cooperating heterotrophic denitrification with anaerobic ammonium oxidation. <i>Desalination and Water Treatment</i> , 2014, 52, 7937-7950.	1.0	12
33	Influence of dissolved organic matter from corn straw on Zn and Cu sorption to Chinese loess. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1318-1327.	1.2	17
34	Heavy metals pollution and the identification of their sources in soil over Xiaoqinling gold-mining region, Shaanxi, China. <i>Environmental Earth Sciences</i> , 2011, 64, 1585-1592.	2.7	37
35	Notice of Retraction: Removal of nitrate and refractory organics simultaneous using combined heterotrophic/autotrophic denitrification. , 2010, , .		0
36	The distribution and influencing factors of chromium in regional groundwater at Sanmenxia Basin north-central China. , 0, 150, 114-123.		4