

Qing-long Fu

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,480
citations

393982

19
h-index

329751

37
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46
all docs

46
docs citations

46
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	Formula Assignment Algorithm for Deuterium-Labeled Ultrahigh-Resolution Mass Spectrometry: Implications of the Formation Mechanism of Halogenated Disinfection Byproducts. <i>Analytical Chemistry</i> , 2022, 94, 1717-1725.	3.2	25
2	Formation pathway of disinfection by-products of lignin monomers in raw water during disinfection. <i>Science of the Total Environment</i> , 2022, 825, 153706.	3.9	2
3	Mechanistic Study of the Effects of Agricultural Amendments on Photochemical Processes in Paddy Water during Rice Growth. <i>Environmental Science & Technology</i> , 2022, 56, 4221-4230.	4.6	17
4	Molecular level insights into HO \cdot and Cl $_2$ \cdot^- -Mediated transformation of dissolved organic matter in landfill leachate concentrates during the Fenton process. <i>Chemical Engineering Journal</i> , 2022, 446, 137062.	6.6	13
5	Deciphering dissolved organic matter by Fourier transform ion cyclotron resonance mass spectrometry (FT-ICR MS): from bulk to fractions and individuals. , 2022, 1, .		49
6	Molecular transformation of dissolved organic matter and the formation of disinfection byproducts in full-scale surface water treatment processes. <i>Science of the Total Environment</i> , 2022, 838, 156547.	3.9	11
7	Mechanistic insights into the generation and control of Cl-DBPs during wastewater sludge chlorination disinfection process. <i>Environment International</i> , 2022, 167, 107389.	4.8	6
8	The molecular characteristics of DOMs derived from bio-stabilized wastewater activated sludge and its effect on alleviating Cd-stress in rice seedlings (<i>Oryza sativa</i> L.). <i>Science of the Total Environment</i> , 2022, 845, 157157.	3.9	9
9	Heating temperature dependence of molecular characteristics and biological response for biomass pyrolysis volatile-derived water-dissolved organic matter. <i>Science of the Total Environment</i> , 2021, 757, 143749.	3.9	8
10	Exploring the fluorescence quenching interaction of amino acids and protein with natural organic matter by a multi-spectroscopic method. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 3402-3415.	1.0	3
11	Size-dependent Molecular Characteristics and Possible Sources of Organic Aerosols at a Coastal New Particle Formation Hotspot of East China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034610.	1.2	0
12	Photochemical characterization of paddy water during rice cultivation: Formation of reactive intermediates for As(III) oxidation. <i>Water Research</i> , 2021, 206, 117721.	5.3	33
13	Effects of extracellular polymeric substances on silver nanoparticle bioaccumulation and toxicity to <i>Triticum aestivum</i> L. <i>Chemosphere</i> , 2021, 280, 130863.	4.2	13
14	Active Iron Phases Regulate the Abiotic Transformation of Organic Carbon during Redox Fluctuation Cycles of Paddy Soil. <i>Environmental Science & Technology</i> , 2021, 55, 14281-14293.	4.6	48
15	Contrasting impacts of pH on the abiotic transformation of hydrochar-derived dissolved organic matter mediated by γ -MnO $_2$. <i>Geoderma</i> , 2020, 378, 114627.	2.3	23
16	Development and Application of a High-Precision Algorithm for Nontarget Identification of Organohalogenes Based on Ultrahigh-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 13989-13996.	3.2	45
17	Development and comparison of formula assignment algorithms for ultrahigh-resolution mass spectra of natural organic matter. <i>Analytica Chimica Acta</i> , 2020, 1125, 247-257.	2.6	99
18	Physiological responses of the freshwater N $_2$ -fixing cyanobacterium <i>Raphidiopsis raciborskii</i> to Fe and N availabilities. <i>Environmental Microbiology</i> , 2019, 21, 1211-1223.	1.8	7

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19	Iron uptake by bloom-forming freshwater cyanobacterium <i>Microcystis aeruginosa</i> in natural and effluent waters. <i>Environmental Pollution</i> , 2019, 247, 392-400.	3.7	14
20	Effects of molecular weight-fractionated natural organic matter on the phytoavailability of silver nanoparticles. <i>Environmental Science: Nano</i> , 2018, 5, 969-979.	2.2	24
21	Identifying Plant Stress Responses to Roxarsone in Soybean Root Exudates: New Insights from Two-Dimensional Correlation Spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 53-62.	2.4	14
22	Temporal variability in Cu speciation, phytotoxicity, and soil microbial activity of Cu-polluted soils as affected by elevated temperature. <i>Chemosphere</i> , 2018, 194, 285-296.	4.2	14
23	Natural degradation of roxarsone in contrasting soils: Degradation kinetics and transformation products. <i>Science of the Total Environment</i> , 2017, 607-608, 132-140.	3.9	24
24	Inhibited transport of graphene oxide nanoparticles in granular quartz sand coated with <i>Bacillus subtilis</i> and <i>Pseudomonas putida</i> biofilms. <i>Chemosphere</i> , 2017, 169, 1-8.	4.2	30
25	Extraction and speciation analysis of roxarsone and its metabolites from soils with different physicochemical properties. <i>Journal of Soils and Sediments</i> , 2016, 16, 1557-1568.	1.5	26
26	Roxarsone binding to soil-derived dissolved organic matter: Insights from multi-spectroscopic techniques. <i>Chemosphere</i> , 2016, 155, 225-233.	4.2	83
27	Phytotoxicity and uptake of roxarsone by wheat (<i>Triticum aestivum</i> L.) seedlings. <i>Environmental Pollution</i> , 2016, 219, 210-218.	3.7	12
28	Sorption of roxarsone onto soils with different physicochemical properties. <i>Chemosphere</i> , 2016, 159, 103-112.	4.2	25
29	Aromatic Arsenical Additives (AAAs) in the Soil Environment: Detection, Environmental Behaviors, Toxicities, and Remediation. <i>Advances in Agronomy</i> , 2016, , 1-41.	2.4	8
30	Bio-grout based on microbially induced sand solidification by means of asparaginase activity. <i>Scientific Reports</i> , 2015, 5, 16128.	1.6	55
31	Concentrations of Heavy Metals and Arsenic in Market Rice Grain and Their Potential Health Risks to the Population of Fuzhou, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2015, 21, 117-128.	1.7	40
32	Calcifying cyanobacterium (<i>Nostoc calcicola</i>) reactor as a promising way to remove cadmium from water. <i>Ecological Engineering</i> , 2015, 81, 107-114.	1.6	13
33	A comparison of the potential health risk of aluminum and heavy metals in tea leaves and tea infusion of commercially available green tea in Jiangxi, China. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 228.	1.3	70
34	Health Risk Assessment of Al and Heavy Metals in Milk Products for Different Age Groups in China. <i>Polish Journal of Environmental Studies</i> , 2015, 24, 2707-2714.	0.6	13
35	A survey on the heavy metal contents in Chinese traditional egg products and their potential health risk assessment. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2014, 7, 99-105.	1.3	31
36	Recent protests against paraxylene in Kunming: Re-alarming situation for Chinese government. <i>Ecological Engineering</i> , 2013, 60, 140-141.	1.6	3

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37	Effects of heat treatment on fluorescence properties of humic substances from sandy soil in arid land and their Hg(II) binding behaviors. <i>Environmental Earth Sciences</i> , 2012, 66, 2273-2279.	1.3	9
38	Biomineralization based remediation of As(III) contaminated soil by <i>Sporosarcina ginsengisoli</i> . <i>Journal of Hazardous Materials</i> , 2012, 201-202, 178-184.	6.5	282
39	Bioremediation of Pb-Contaminated Soil Based on Microbially Induced Calcite Precipitation. <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 244-247.	0.9	124
40	Complexation between Hg(II) and biofilm extracellular polymeric substances: An application of fluorescence spectroscopy. <i>Journal of Hazardous Materials</i> , 2010, 175, 359-365.	6.5	154