

Lin Juan

List of Publications by Year in descending order

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17
papers

785
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms driving phosphorus release during algal blooms based on hourly changes in iron and phosphorus concentrations in sediments. <i>Water Research</i> , 2018, 133, 153-164.	11.3	246
2	Synergistic adsorption of phosphorus by iron in lanthanum modified bentonite (Phoslock®): New insight into sediment phosphorus immobilization. <i>Water Research</i> , 2018, 134, 32-43.	11.3	98
3	High resolution spatiotemporal sampling as a tool for comprehensive assessment of zinc mobility and pollution in sediments of a eutrophic lake. <i>Journal of Hazardous Materials</i> , 2019, 364, 182-191.	12.4	77
4	Prolonged exposure to low-dose microcystin induces nonalcoholic steatohepatitis in mice: a systems toxicology study. <i>Archives of Toxicology</i> , 2017, 91, 465-480.	4.2	71
5	Mobile phosphorus stratification in sediments by aluminum immobilization. <i>Chemosphere</i> , 2017, 186, 644-651.	8.2	48
6	Interactions between the antimicrobial agent triclosan and the bloom-forming cyanobacteria <i>Microcystis aeruginosa</i> . <i>Aquatic Toxicology</i> , 2016, 172, 103-110.	4.0	46
7	Chemical treatment of contaminated sediment for phosphorus control and subsequent effects on ammonia-oxidizing and ammonia-denitrifying microorganisms and on submerged macrophyte revegetation. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1007-1018.	5.3	28
8	Successful control of internal phosphorus loading after sediment dredging for 6 years: A field assessment using high-resolution sampling techniques. <i>Science of the Total Environment</i> , 2018, 616-617, 927-936.	8.0	25
9	Seasonal changes of lead mobility in sediments in algae- and macrophyte-dominated zones of the lake. <i>Science of the Total Environment</i> , 2019, 660, 484-492.	8.0	25
10	Effectiveness and Mode of Action of Calcium Nitrate and Phoslock® in Phosphorus Control in Contaminated Sediment, a Microcosm Study. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	24
11	First observation of labile arsenic stratification in aluminum sulfate-amended sediments using high resolution Zr-oxide DGT. <i>Science of the Total Environment</i> , 2017, 609, 304-310.	8.0	19
12	A new method to overall immobilization of phosphorus in sediments through combined application of capping and oxidizing agents. <i>Science of the Total Environment</i> , 2019, 694, 133770.	8.0	19
13	Effects of microcystin-LR on bacterial and fungal functional genes profile in rat gut. <i>Toxicon</i> , 2015, 96, 50-56.	1.6	17
14	Effect of butyl paraben on the development and microbial composition of periphyton. <i>Ecotoxicology</i> , 2016, 25, 342-349.	2.4	15
15	Interaction between the cell walls of microalgal host and fungal carbohydrate-activate enzymes is essential for the pathogenic parasitism process. <i>Environmental Microbiology</i> , 2021, 23, 5114-5130.	3.8	10
16	Laboratory investigation on calcium nitrate induced coupling reactions between nitrogen, phosphorus, sulfur, and metals in contaminated sediments. <i>Environmental Science and Pollution Research</i> , 2021, 28, 25866-25877.	5.3	9
17	A comprehensive understanding of enhanced Pb mobilization in sediments caused by algal blooms. <i>Science of the Total Environment</i> , 2019, 691, 969-980.	8.0	8