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List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,172
citations

471509

17
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

1645
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Complexation Properties of Freshwater Dissolved Organic Matter Are Explained by Its Aromaticity and by Anthropogenic Ligands. <i>Environmental Science & Technology</i> , 2011, 45, 2584-2590.	10.0	188
2	Phosphate-Exchanged Mg-Al Layered Double Hydroxides: A New Slow Release Phosphate Fertilizer. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4280-4287.	6.7	160
3	Vanadium bioavailability and toxicity to soil microorganisms and plants. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2266-2273.	4.3	90
4	The long term use of farmyard manure and compost: Effects on P availability, orthophosphate sorption strength and P leaching. <i>Agriculture, Ecosystems and Environment</i> , 2016, 216, 23-33.	5.3	73
5	Phosphorus losses from agricultural land to natural waters are reduced by immobilization in iron-rich sediments of drainage ditches. <i>Water Research</i> , 2015, 71, 160-170.	11.3	72
6	Internal Loading and Redox Cycling of Sediment Iron Explain Reactive Phosphorus Concentrations in Lowland Rivers. <i>Environmental Science & Technology</i> , 2017, 51, 2584-2592.	10.0	69
7	Phosphate binding by natural iron-rich colloids in streams. <i>Water Research</i> , 2016, 98, 326-333.	11.3	65
8	Ageing of vanadium in soils and consequences for bioavailability. <i>European Journal of Soil Science</i> , 2012, 63, 839-847.	3.9	61
9	Iron-rich colloids as carriers of phosphorus in streams: A field-flow fractionation study. <i>Water Research</i> , 2016, 99, 83-90.	11.3	46
10	Oxidation of Iron Causes Removal of Phosphorus and Arsenic from Streamwater in Groundwater-Fed Lowland Catchments. <i>Environmental Science & Technology</i> , 2015, 49, 2886-2894.	10.0	42
11	Iron colloids reduce the bioavailability of phosphorus to the green alga <i>Raphidocelis subcapitata</i> . <i>Water Research</i> , 2014, 59, 198-206.	11.3	41
12	Vanadium bioavailability in soils amended with blast furnace slag. <i>Journal of Hazardous Materials</i> , 2015, 296, 158-165.	12.4	40
13	The Fate of Copper Added to Surface Water: Field, Laboratory, and Modeling Studies. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1386-1399.	4.3	36
14	Simulating the mobility of meteoric ^{10}Be in the landscape through a coupled soil-hillslope model (Be2D). <i>Earth and Planetary Science Letters</i> , 2016, 439, 143-157.	4.4	32
15	Crop residue management and oxalate-extractable iron and aluminium explain long-term soil organic carbon sequestration and dynamics. <i>European Journal of Soil Science</i> , 2016, 67, 332-340.	3.9	29
16	Characterisation of hydrous ferric oxides derived from iron-rich groundwaters and their contribution to the suspended sediment of streams. <i>Applied Geochemistry</i> , 2013, 39, 59-68.	3.0	26
17	Polyphosphates and Fulvates Enhance Environmental Stability of PO_4 -Bearing Colloidal Iron Oxyhydroxides. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 8465-8473.	5.2	17
18	Body distribution of SiO_2 - Fe_3O_4 -core-shell nanoparticles after intravenous injection and intratracheal instillation. <i>Nanotoxicology</i> , 2016, 10, 567-574.	3.0	17

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19	Impact of dry-wet and freeze-thaw events on pesticide mineralizing populations and their activity in wetland ecosystems: A microcosm study. <i>Chemosphere</i> , 2016, 146, 85-93.	8.2	12
20	The Use of Mechanistic Population Models in Metal Risk Assessment: Combined Effects of Copper and Food Source on <i>Lymnaea stagnalis</i> Populations. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1104-1119.	4.3	11
21	Copper transformation, speciation, and detoxification in anoxic and suboxic freshwater sediments. <i>Chemosphere</i> , 2021, 282, 131063.	8.2	11
22	Demonstrating the Reliability of bioâ€met for Determining Compliance with Environmental Quality Standards for Metals in Europe. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 2361-2377.	4.3	10
23	Weightâ€ofâ€Evidence Approach for Assessing Removal of Metals from the Water Column for Chronic Environmental Hazard Classification. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1839-1849.	4.3	8
24	Method Development for Determining the Removal of Metals from the Water Column under Transformation/Dissolution Conditions for Chronic Hazard Classification. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 2032-2042.	4.3	6
25	Assessing Compliance of European Fresh Waters for Copper: Accounting for Bioavailability. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 153-159.	2.7	6
26	Using Exposure Data to Identify Priority Substances Under the European Water Framework Directive: The Quest to Reflect Uncertainties. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1237-1238.	4.3	3
27	Modeling the Fate of Metal Concentrates in Surface Water. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1256-1272.	4.3	1
28	Long-term application of compost versus other organic fertilizers: effects on phosphorus leaching. <i>Acta Horticulturae</i> , 2016, , 213-220.	0.2	0