Laurie S Balistrieri

List of Publications by Year
in descending order

25 papers	1,378 citations	430874 18 h-index	580821 25 g-index
36 all docs	36 docs citations	36 times ranked	1475 citing authors

#	Article	IF	Citations
1	Bioaccumulation and Toxicity of Cadmium, Copper, Nickel, and Zinc and Their Mixtures to Aquatic Insect Communities. Environmental Toxicology and Chemistry, 2020, 39, 812-833.	4.3	61
2	Time-dependent accumulation of Cd, Co, Cu, Ni, and Zn in natural communities of mayfly and caddisfly larvae: Metal sensitivity, uptake pathways, and mixture toxicity. Science of the Total Environment, 2020, 732, 139011.	8.0	15
3	Disentangling the effects of low pH and metal mixture toxicity on macroinvertebrate diversity. Environmental Pollution, 2018, 235, 889-898.	7.5	15
4	Understanding the captivity effect on invertebrate communities transplanted into an experimental stream laboratory. Environmental Toxicology and Chemistry, 2018, 37, 2820-2834.	4.3	11
5	Potential Toxicity of Dissolved Metal Mixtures (Cd, Cu, Pb, Zn) to Early Life Stage White Sturgeon (Acipenser transmontanus) in the Upper Columbia River, Washington, United States. Environmental Science & Technology, 2018, 52, 9793-9800.	10.0	10
6	In vivo isotopic fractionation of zinc and biodynamic modeling yield insights into detoxification mechanisms in the mayfly Neocloeon triangulifer. Science of the Total Environment, 2017, 609, 1219-1229.	8.0	17
7	Larval aquatic insect responses to cadmium and zinc in experimental streams. Environmental Toxicology and Chemistry, 2017, 36, 749-762.	4.3	33
8	Expanding metal mixture toxicity models to natural stream and lake invertebrate communities. Environmental Toxicology and Chemistry, 2015, 34, 761-776.	4.3	37
9	Metal Mixture Modeling Evaluation project: 2. Comparison of four modeling approaches. Environmental Toxicology and Chemistry, 2015, 34, 741-753.	4.3	55
10	Using biotic ligand models to predict metal toxicity in mineralized systems. Applied Geochemistry, 2015, 57, 55-72.	3.0	81
11	Predicting the toxicity of metal mixtures. Science of the Total Environment, 2014, 466-467, 788-799.	8.0	84
12	Zinc isotope investigation of surface and pore waters in a mountain watershed impacted by acid rock drainage. Science of the Total Environment, 2012, 420, 202-213.	8.0	42
13	Assessing time-integrated dissolved concentrations and predicting toxicity of metals during diel cycling in streams. Science of the Total Environment, 2012, 425, 155-168.	8.0	30
14	Effects of simultaneous climate change and geomorphic evolution on thermal characteristics of a shallow Alaskan lake. Limnology and Oceanography, 2011, 56, 193-205.	3.1	13
15	Dissolved and labile concentrations of Cd, Cu, Pb, and Zn in the South Fork Coeur dâ€™Alene River, Idaho: Comparisons among chemical equilibrium models and implications for biotic ligand models. Applied Geochemistry, 2008, 23, 3355-3371.	3.0	57
16	Fractionation of Cu and Zn isotopes during adsorption onto amorphous Fe(III) oxyhydroxide: Experimental mixing of acid rock drainage and ambient river water. Geochimica Et Cosmochimica Acta, 2008, 72, 311-328.	3.9	256
17	Assessing the concentration, speciation, and toxicity of dissolved metals during mixing of acid-mine drainage and ambient river water downstream of the Elizabeth Copper Mine, Vermont, USA. Applied Geochemistry, 2007, 22, 930-952.	3.0	99
18	Modeling spatial and temporal variations in temperature and salinity during stratification and overturn in Dexter Pit Lake, Tuscarora, Nevada, USA. Applied Geochemistry, 2006, 21, 1184-1203.	3.0	29

#	Article	IF	Citations
19	Modeling Precipitation and Sorption of Elements during Mixing of River Water and Porewater in the Coeur d'Alene River Basin. Environmental Science & Technology, 2003, 37, 4694-4701.	10.0	46
20	Modeling Metal Removal onto Natural Particles Formed during Mixing of Acid Rock Drainage with Ambient Surface Water. Environmental Science & Technology, 2002, 36, 484-492.	10.0	54
21	Assessing the Influence of Reacting Pyrite and Carbonate Minerals on the Geochemistry of Drainage in the Coeur d'Alene Mining District. Environmental Science & Technology, 1999, 33, 3347-3353.	10.0	36
22	Modeling Removal of Cd, Cu, Pb, and Zn in Acidic Groundwater during Neutralization by Ambient Surface Waters and Groundwaters. Environmental Science & Technology, 1999, 33, 3850-3856.	10.0	46
23	The biogeochemical cycling of trace metals in the water column of Lake Sammamish, Washington: Response to seasonally anoxic conditions. Limnology and Oceanography, 1992, 37, 529-548.	3.1	98
24	The cycling of iron and manganese in the water column of Lake Sammamish, Washington. Limnology and Oceanography, 1992, 37, 510-528.	3.1	117
25	Surface of Goethite (Î±FeOOH) in Seawater. ACS Symposium Series, 1979, , 275-298.	0.5	15