Tamara E C Kraus

List of Publications by Year
in descending order

32 papers	2,689 citations	394421 19 h-index	414414 32 g-index
40 all docs	40 docs citations	40 times ranked	3722 citing authors

#	Article	IF	Citations
1	Stable isotopes provide insight into sources and cycling of N compounds in the Sacramento-San Joaquin Delta, California, USA. Science of the Total Environment, 2022, 816, 151592.	8.0	1
2	Ocean connectivity drives trophic support for consumers in an intermittently closed coastal lagoon. Estuarine, Coastal and Shelf Science, 2022, 264, 107665.	2.1	4
3	Spatial variability of phytoplankton in a shallow tidal freshwater system reveals complex controls on abundance and community structure. Science of the Total Environment, 2020, 700, 134392.	8.0	37
4	Trihalomethane precursors: Land use hot spots, persistence during transport, and management options. Science of the Total Environment, 2020, 742, 140571.	8.0	3
5	Lateral Carbon Exports From Drained Peatlands: An Understudied Carbon Pathway in the Sacramentoâ€San Joaquin Delta, California. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005883.	3.0	1
6	Effects of ferric sulfate and polyaluminum chloride coagulation enhanced treatment wetlands on Typha growth, soil and water chemistry. Science of the Total Environment, 2019, 648, 116-124.	8.0	21
7	Sequestration and Transformation in Chemically Enhanced Treatment Wetlands: DOC, DBPPs, and Nutrients. Journal of Environmental Engineering, ASCE, 2019, 145, .	1.4	3
8	Aluminum- and iron-based coagulation for in-situ removal of dissolved organic carbon, disinfection byproducts, mercury and other constituents from agricultural drain water. Ecological Engineering, 2019, 134, 26-38.	3.6	27
9	Chemically Enhanced Treatment Wetland to Improve Water Quality and Mitigate Land Subsidence in the Sacramentoâ€'SanÂJoaquin Delta: Cost and Design Considerations. San Francisco Estuary and Watershed Science, 2019, 17, .	0.4	2
10	Mercury sequestration and transformation in chemically enhanced treatment wetlands. Chemosphere, 2019, 217, 496-506.	8.2	8
11	Wetlands receiving water treated with coagulants improve water quality by removing dissolved organic carbon and disinfection byproduct precursors. Science of the Total Environment, 2018, 622-623, 603-613.	8.0	20
12	Sediment accretion and carbon storage in constructed wetlands receiving water treated with metal-based coagulants. Ecological Engineering, 2018, 111, 176-185.	3.6	19
13	Use of flow cytometry and stable isotope analysis to determine phytoplankton uptake of wastewater derived ammonium in a nutrient-rich river. Biogeosciences, 2018, 15, 353-367.	3.3	7
14	A riverâ€scale Lagrangian experiment examining controls on phytoplankton dynamics in the presence and absence of treated wastewater effluent high in ammonium. Limnology and Oceanography, 2017, 62, 1234-1253.	3.1	16
15	Using Paired In Situ High Frequency Nitrate Measurements to Better Understand Controls on Nitrate Concentrations and Estimate Nitrification Rates in a Wastewaterâ€Impacted River. Water Resources Research, 2017, 53, 8423-8442.	4.2	18
16	Optical properties of dissolved organic matter (DOM): Effects of biological and photolytic degradation. Limnology and Oceanography, 2016, 61, 1015-1032.	3.1	622
17	Using Continuous Underway Isotope Measurements To Map Water Residence Time in Hydrodynamically Complex Tidal Environments. Environmental Science & Technology, 2016, 50, 13387-13396.	10.0	27
18	Investigating the Temporal Effects of Metal-Based Coagulants to Remove Mercury from Solution in the Presence of Dissolved Organic Matter. Environmental Management, 2016, 57, 220-228.	2.7	7

#	Article	IF	Citations
19	Experimental Dosing of Wetlands with Coagulants Removes Mercury from Surface Water and Decreases Mercury Bioaccumulation in Fish. Environmental Science & Technology, 2015, 49, 6304-6311.	10.0	20
20	Concurrent photolytic degradation of aqueous methylmercury and dissolved organic matter. Science of the Total Environment, 2014, 484, 263-275.	8.0	71
21	Seeing the light: The effects of particles, dissolved materials, and temperature on in situ measurements of DOM fluorescence in rivers and streams. Limnology and Oceanography: Methods, 2012, 10, 767-775.	2.0	135
22	Structural stability of coprecipitated natural organic matter and ferric iron under reducing conditions. Organic Geochemistry, 2012, 48, 81-89.	1.8	134
23	Removal of inorganic mercury and methylmercury from surface waters following coagulation of dissolved organic matter with metal-based salts. Science of the Total Environment, 2011, 409, 631-637.	8.0	105
24	Determining Sources of Dissolved Organic Carbon and Disinfection Byproduct Precursors to the McKenzie River, Oregon. Journal of Environmental Quality, 2010, 39, 2100-2112.	2.0	45
25	Assessing the sources and magnitude of diurnal nitrate variability in the San Joaquin River (California) with an <i>in situ</i> optical nitrate sensor and dual nitrate isotopes. Freshwater Biology, 2009, 54, 376-387.	2.4	83
26	Assessing the contribution of wetlands and subsided islands to dissolved organic matter and disinfection byproduct precursors in the Sacramentoâ€"San Joaquin River Delta: A geochemical approach. Organic Geochemistry, 2008, 39, 1302-1318.	1.8	59
27	Diurnal variability in riverine dissolved organic matter composition determined by <i>in situ</i> optical measurement in the San Joaquin River (California, USA). Hydrological Processes, 2007, 21, 3181-3189.	2.6	156
28	Carbon and nitrogen dynamics in a forest soil amended with purified tannins from different plant species. Soil Biology and Biochemistry, 2004, 36, 309-321.	8.8	137
29	Tannins in nutrient dynamics of forest ecosystems - a review. Plant and Soil, 2003, 256, 41-66.	3.7	591
30	Linking chemical reactivity and protein precipitation to structural characteristics of foliar tannins. Journal of Chemical Ecology, 2003, 29, 703-730.	1.8	141
31	Mineral and Dissolved Organic Nitrogen Dynamics along a Soil Acidity-Fertility Gradient. Soil Science Society of America Journal, 2003, 67, 878.	2.2	28
32	Environmental and economic effects of reducing pesticide use in agriculture. Agriculture, Ecosystems and Environment, 1993, 46, 273-288.	5.3	108