

Tamara E C Kraus

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37
papers

2,046
citations

17
h-index

40
g-index

40
ext. papers

2,343
ext. citations

5.6
avg, IF

4.63
L-index

#	Paper	IF	Citations
37	Stable isotopes provide insight into sources and cycling of N compounds in the Sacramento-San Joaquin Delta, California, USA. <i>Science of the Total Environment</i> , 2021 , 151592	10.2	
36	Ocean connectivity drives trophic support for consumers in an intermittently closed coastal lagoon. <i>Estuarine, Coastal and Shelf Science</i> , 2021 , 264, 107665	2.9	0
35	Trihalomethane precursors: Land use hot spots, persistence during transport, and management options. <i>Science of the Total Environment</i> , 2020 , 742, 140571	10.2	1
34	Lateral Carbon Exports From Drained Peatlands: An Understudied Carbon Pathway in the Sacramento-San Joaquin Delta, California. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020 , 125, e2020JG005883	3.7	0
33	Spatial variability of phytoplankton in a shallow tidal freshwater system reveals complex controls on abundance and community structure. <i>Science of the Total Environment</i> , 2020 , 700, 134392	10.2	12
32	Sequestration and Transformation in Chemically Enhanced Treatment Wetlands: DOC, DBPPs, and Nutrients. <i>Journal of Environmental Engineering, ASCE</i> , 2019 , 145, 04019044	2	3
31	Aluminum- and iron-based coagulation for in-situ removal of dissolved organic carbon, disinfection byproducts, mercury and other constituents from agricultural drain water. <i>Ecological Engineering</i> , 2019 , 134, 26-38	3.9	14
30	Effects of ferric sulfate and polyaluminum chloride coagulation enhanced treatment wetlands on Typha growth, soil and water chemistry. <i>Science of the Total Environment</i> , 2019 , 648, 116-124	10.2	14
29	Chemically Enhanced Treatment Wetland to Improve Water Quality and Mitigate Land Subsidence in the Sacramento-San Joaquin Delta: Cost and Design Considerations. <i>San Francisco Estuary and Watershed Science</i> , 2019 , 17,	1.4	1
28	Mercury sequestration and transformation in chemically enhanced treatment wetlands. <i>Chemosphere</i> , 2019 , 217, 496-506	8.4	8
27	Wetlands receiving water treated with coagulants improve water quality by removing dissolved organic carbon and disinfection byproduct precursors. <i>Science of the Total Environment</i> , 2018 , 622-623, 603-613	10.2	17
26	Sediment accretion and carbon storage in constructed wetlands receiving water treated with metal-based coagulants. <i>Ecological Engineering</i> , 2018 , 111, 176-185	3.9	15
25	Use of flow cytometry and stable isotope analysis to determine phytoplankton uptake of wastewater derived ammonium in a nutrient-rich river. <i>Biogeosciences</i> , 2018 , 15, 353-367	4.6	5
24	A river-scale Lagrangian experiment examining controls on phytoplankton dynamics in the presence and absence of treated wastewater effluent high in ammonium. <i>Limnology and Oceanography</i> , 2017 , 62, 1234-1253	4.8	10
23	Using Paired In Situ High Frequency Nitrate Measurements to Better Understand Controls on Nitrate Concentrations and Estimate Nitrification Rates in a Wastewater-Impacted River. <i>Water Resources Research</i> , 2017 , 53, 8423-8442	5.4	11
22	Using Continuous Underway Isotope Measurements To Map Water Residence Time in Hydrodynamically Complex Tidal Environments. <i>Environmental Science & Technology</i> , 2016 , 50, 13387-13396	10.3	19
21	Investigating the Temporal Effects of Metal-Based Coagulants to Remove Mercury from Solution in the Presence of Dissolved Organic Matter. <i>Environmental Management</i> , 2016 , 57, 220-8	3.1	6

20	Optical properties of dissolved organic matter (DOM): Effects of biological and photolytic degradation. <i>Limnology and Oceanography</i> , 2016 , 61, 1015-1032	4.8	368
19	Experimental dosing of wetlands with coagulants removes mercury from surface water and decreases mercury bioaccumulation in fish. <i>Environmental Science & Technology</i> , 2015 , 49, 6304-11	10.3	18
18	Concurrent photolytic degradation of aqueous methylmercury and dissolved organic matter. <i>Science of the Total Environment</i> , 2014 , 484, 263-75	10.2	51
17	Structural stability of coprecipitated natural organic matter and ferric iron under reducing conditions. <i>Organic Geochemistry</i> , 2012 , 48, 81-89	3.1	110
16	Seeing the light: The effects of particles, dissolved materials, and temperature on in situ measurements of DOM fluorescence in rivers and streams. <i>Limnology and Oceanography: Methods</i> , 2012 , 10, 767-775	2.6	106
15	Removal of inorganic mercury and methylmercury from surface waters following coagulation of dissolved organic matter with metal-based salts. <i>Science of the Total Environment</i> , 2011 , 409, 631-7	10.2	91
14	Determining sources of dissolved organic carbon and disinfection byproduct precursors to the McKenzie River, Oregon. <i>Journal of Environmental Quality</i> , 2010 , 39, 2100-12	3.4	37
13	Assessing the sources and magnitude of diurnal nitrate variability in the San Joaquin River (California) with an in situ optical nitrate sensor and dual nitrate isotopes. <i>Freshwater Biology</i> , 2009 , 54, 376-387	3.1	73
12	Assessing the contribution of wetlands and subsided islands to dissolved organic matter and disinfection byproduct precursors in the Sacramento-San Joaquin River Delta: A geochemical approach. <i>Organic Geochemistry</i> , 2008 , 39, 1302-1318	3.1	55
11	Diurnal variability in riverine dissolved organic matter composition determined by in situ optical measurement in the San Joaquin River (California, USA). <i>Hydrological Processes</i> , 2007 , 21, 3181-3189	3.3	137
10	Carbon and nitrogen dynamics in a forest soil amended with purified tannins from different plant species. <i>Soil Biology and Biochemistry</i> , 2004 , 36, 309-321	7.5	115
9	Tannins in nutrient dynamics of forest ecosystems - a review. <i>Plant and Soil</i> , 2003 , 256, 41-66	4.2	491
8	Linking chemical reactivity and protein precipitation to structural characteristics of foliar tannins. <i>Journal of Chemical Ecology</i> , 2003 , 29, 703-30	2.7	119
7	Mineral and Dissolved Organic Nitrogen Dynamics along a Soil Acidity-Fertility Gradient. <i>Soil Science Society of America Journal</i> , 2003 , 67, 878	2.5	27
6	Environmental and economic effects of reducing pesticide use in agriculture. <i>Agriculture, Ecosystems and Environment</i> , 1993 , 46, 273-288	5.7	91
5	Mercury, monomethyl mercury, and dissolved organic carbon concentrations in surface water entering and exiting constructed wetlands treated with metal-based coagulants, Twitchell Island, California. <i>Data Series</i> ,		2
4	Procedures for using the Horiba Scientific Aqualog [®] fluorometer to measure absorbance and fluorescence from dissolved organic matter. <i>US Geological Survey Open-File Report</i> ,		4
3	The water-quality monitoring program for the Baltimore reservoir system, 1981-2007—Description, review and evaluation, and framework integration for enhanced monitoring. <i>USGS Scientific Investigations Report</i> ,		2

- 2 Sources and characteristics of organic matter in the Clackamas River, Oregon, related to the formation of disinfection by-products in treated drinking water. *USGS Scientific Investigations Report*, 9
- 1 Synthesis of data from high-frequency nutrient and associated biogeochemical monitoring for the Sacramento-San Joaquin Delta, northern California. *USGS Scientific Investigations Report*, 2