John T Crawford

List of Publications by Year
in descending order

23 papers	1,580 citations	516710 16 h-index	713466 21 g-index
23 all docs	23 docs citations	23 times ranked	2225 citing authors

#	Article	IF	Citations
1	Longâ€Term Trends in Acid Precipitation and Watershed Elemental Export From an Alpine Catchment of the Colorado Rocky Mountains, USA. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005683.	3.0	7
2	Performance of Landsat-8 and Sentinel-2 surface reflectance products for river remote sensing retrievals of chlorophyll-a and turbidity. Remote Sensing of Environment, 2019, 224, 104-118.	11.0	195
3	Evidence for accelerated weathering and sulfate export in high alpine environments. Environmental Research Letters, 2019, 14, 124092.	5.2	20
4	Spatial patterns of enzymatic activity in large water bodies: Ship-borne measurements of beta-D-glucuronidase activity as a rapid indicator of microbial water quality. Science of the Total Environment, 2019, 651, 1742-1752.	8.0	10
5	Methane in groundwater from a leaking gas well, Piceance Basin, Colorado, USA. Science of the Total Environment, 2018, 634, 791-801.	8.0	29
6	Limited nitrate retention capacity in the Upper Mississippi River. Environmental Research Letters, 2018, 13, 074030.	5.2	26
7	Spatial heterogeneity of withinâ€stream methane concentrations. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 1036-1048.	3.0	41
8	Spatial variability of CO₂ concentrations and biogeochemistry in the Lower Columbia River. Inland Waters, 2017, 7, 417-427.	2.2	3
9	CO2 time series patterns in contrasting headwater streams of North America. Aquatic Sciences, 2017, 79, 473-486.	1.5	43
10	The ecology of methane in streams and rivers: patterns, controls, and global significance. Ecological Monographs, 2016, 86, 146-171.	5.4	360
11	Basin scale controls on CO₂ and CH₄ emissions from the Upper Mississippi River. Geophysical Research Letters, 2016, 43, 1973-1979.	4.0	67
12	Controls on methane concentrations and fluxes in streams draining humanâ€dominated landscapes. Ecological Applications, 2016, 26, 1581-1591.	3.8	48
13	High-Speed Limnology: Using Advanced Sensors to Investigate Spatial Variability in Biogeochemistry and Hydrology. Environmental Science & Technology, 2015, 49, 442-450.	10.0	82
14	Relationships Between Soil Composition and Spartina Alterniflora Dieback in an Atlantic Salt Marsh. Wetlands, 2015, 35, 13-20.	1.5	17
15	Source limitation of carbon gas emissions in high-elevation mountain streams and lakes. Journal of Geophysical Research G: Biogeosciences, 2015, 120, 952-964.	3.0	43
16	Representing calcification in distribution models for aquatic invasive species: surrogates perform as well as CaCO3 saturation state. Hydrobiologia, 2015, 746, 197-208.	2.0	7
17	Ebullitive methane emissions from oxygenated wetland streams. Global Change Biology, 2014, 20, 3408-3422.	9.5	69
18	Distinct Fluvial Patterns of a Headwater Stream Network Underlain by Discontinuous Permafrost. Arctic, Antarctic, and Alpine Research, 2014, 46, 344-354.	1.1	8

#	Article	IF	Citations
19	CO₂ and CH₄ emissions from streams in a lakeâ€rich landscape: Patterns, controls, and regional significance. Global Biogeochemical Cycles, 2014, 28, 197-210.	4.9	115
20	Emissions of carbon dioxide and methane from a headwater stream network of interior Alaska. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 482-494.	3.0	141
21	Contemporary changes in dissolved organic carbon (DOC) in humanâ€dominated rivers: is there a role for DOC management?. Freshwater Biology, 2012, 57, 26-42.	2.4	223
22	The ecology of methane in streams and rivers: patterns, controls, and global significance. Ecological Monographs, 0, , .	5.4	24
23	Controls on methane concentrations and fluxes in streams draining human-dominated landscapes. , 0, , .		2