

John T Crawford

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9307747/publications.pdf>

Version: 2024-02-01

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	The ecology of methane in streams and rivers: patterns, controls, and global significance. Ecological Monographs, 2016, 86, 146-171.	5.4	360
2	Contemporary changes in dissolved organic carbon (DOC) in human-dominated rivers: is there a role for DOC management?. Freshwater Biology, 2012, 57, 26-42.	2.4	223
3	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
4	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
5	CO ₂ and CH ₄ emissions from streams in a lake-rich landscape: Patterns, controls, and regional significance. Global Biogeochemical Cycles, 2014, 28, 197-210.	4.9	115
6	High-Speed Limnology: Using Advanced Sensors to Investigate Spatial Variability in Biogeochemistry and Hydrology. Environmental Science & Technology, 2015, 49, 442-450.	10.0	82
7	Ebullitive methane emissions from oxygenated wetland streams. Global Change Biology, 2014, 20, 3408-3422.	9.5	69
8	Basin scale controls on CO ₂ and CH ₄ emissions from the Upper Mississippi River. Geophysical Research Letters, 2016, 43, 1973-1979.	4.0	67
9	Controls on methane concentrations and fluxes in streams draining human-dominated landscapes. Ecological Applications, 2016, 26, 1581-1591.	3.8	48
10	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
11	CO ₂ time series patterns in contrasting headwater streams of North America. Aquatic Sciences, 2017, 79, 473-486.	1.5	43
12	Spatial heterogeneity of within-stream methane concentrations. Journal of Geophysical Research G: Biogeosciences, 2017, 122, 1036-1048.	3.0	41
13	Methane in groundwater from a leaking gas well, Piceance Basin, Colorado, USA. Science of the Total Environment, 2018, 634, 791-801.	8.0	29
14	Limited nitrate retention capacity in the Upper Mississippi River. Environmental Research Letters, 2018, 13, 074030.	5.2	26
15	The ecology of methane in streams and rivers: patterns, controls, and global significance. Ecological Monographs, 0, , .	5.4	24
16	Evidence for accelerated weathering and sulfate export in high alpine environments. Environmental Research Letters, 2019, 14, 124092.	5.2	20
17	Relationships Between Soil Composition and Spartina Alterniflora Dieback in an Atlantic Salt Marsh Wetlands, 2015, 35, 13-20.	1.5	17
18	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

#	ARTICLE	IF	CITATIONS
19	Distinct Fluvial Patterns of a Headwater Stream Network Underlain by Discontinuous Permafrost. Arctic, Antarctic, and Alpine Research, 2014, 46, 344-354.	1.1	8
20	Representing calcification in distribution models for aquatic invasive species: surrogates perform as well as CaCO ₃ saturation state. Hydrobiologia, 2015, 746, 197-208.	2.0	7
21	Long-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
22	Spatial variability of CO ₂ concentrations and biogeochemistry in the Lower Columbia River. Inland Waters, 2017, 7, 417-427.	2.2	3
23	Controls on methane concentrations and fluxes in streams draining human-dominated landscapes. , 0, , .		2