

Kyle B Delwiche

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

573
citations

933447

10
h-index

1281871

11
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13
all docs

13
docs citations

13
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Substantial hysteresis in emergent temperature sensitivity of global wetland CH ₄ emissions. <i>Nature Communications</i> , 2021, 12, 2266.	12.8	34
2	FLUXNET-CH ₄ : a global, multi-ecosystem dataset and analysis of methane seasonality from freshwater wetlands. <i>Earth System Science Data</i> , 2021, 13, 3607-3689.	9.9	79
3	Gap-filling eddy covariance methane fluxes: Comparison of machine learning model predictions and uncertainties at FLUXNET-CH ₄ wetlands. <i>Agricultural and Forest Meteorology</i> , 2021, 308-309, 108528.	4.8	33
4	Vertical transport of sediment-associated metals and cyanobacteria by ebullition in a stratified lake. <i>Biogeosciences</i> , 2020, 17, 3135-3147.	3.3	8
5	Vertical transport of sediment-associated metals and cyanobacteria by ebullition in a stratified lake. , 2020, 17, 3135-3147.		4
6	Dynamics of microbial populations mediating biogeochemical cycling in a freshwater lake. <i>Microbiome</i> , 2018, 6, 165.	11.1	40
7	Persistence of bubble outlets in soft, methane-generating sediments. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2017, 122, 1298-1320.	3.0	25
8	An enhanced bubble size sensor for long-term ebullition studies. <i>Limnology and Oceanography: Methods</i> , 2017, 15, 821-835.	2.0	18
9	Methane Bubble Size Distributions, Flux, and Dissolution in a Freshwater Lake. <i>Environmental Science & Technology</i> , 2017, 51, 13733-13739.	10.0	25
10	A novel optical sensor designed to measure methane bubble sizes in situ. <i>Limnology and Oceanography: Methods</i> , 2015, 13, 712-721.	2.0	19
11	Nonequilibrium clumped isotope signals in microbial methane. <i>Science</i> , 2015, 348, 428-431.	12.6	192
12	Atrazine leaching from biochar-amended soils. <i>Chemosphere</i> , 2014, 95, 346-352.	8.2	87