

Amber J Ulseth

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,078
citations

471509

17
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1564
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the fluorometric ammonium method: matrix effects, background fluorescence, and standard additions. <i>Journal of the North American Benthological Society</i> , 2007, 26, 167-177.	3.1	175
2	Hydrology controls dissolved organic matter export and composition in an Alpine stream and its hyporheic zone. <i>Limnology and Oceanography</i> , 2016, 61, 558-571.	3.1	106
3	Distinct air-water gas exchange regimes in low- and high-energy streams. <i>Nature Geoscience</i> , 2019, 12, 259-263.	12.9	102
4	Unexpected large evasion fluxes of carbon dioxide from turbulent streams draining the world's mountains. <i>Nature Communications</i> , 2019, 10, 4888.	12.8	71
5	Gas exchange in streams and rivers. <i>Wiley Interdisciplinary Reviews: Water</i> , 2020, 7, e1391.	6.5	67
6	CO ₂ evasion from a steep, high gradient stream network: importance of seasonal and diurnal variation in aquatic pCO ₂ and gas transfer. <i>Limnology and Oceanography</i> , 2016, 61, 1826-1838.	3.1	57
7	Land use controls stream ecosystem metabolism by shifting dissolved organic matter and nutrient regimes. <i>Freshwater Biology</i> , 2017, 62, 582-599.	2.4	55
8	Bridging Food Webs, Ecosystem Metabolism, and Biogeochemistry Using Ecological Stoichiometry Theory. <i>Frontiers in Microbiology</i> , 2017, 8, 1298.	3.5	53
9	Natural abundances of stable isotopes trace anthropogenic N and C in an urban stream. <i>Journal of the North American Benthological Society</i> , 2005, 24, 270-289.	3.1	49
10	High light intensity mediates a shift from allochthonous to autochthonous carbon use in phototrophic stream biofilms. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1806-1820.	3.0	48
11	Effect of landscape factors on fish distribution in arctic Alaskan lakes. <i>Freshwater Biology</i> , 2006, 51, 39-55.	2.4	44
12	Population Structure of a Neotropical Migratory Fish: Contrasting Perspectives from Genetics and Otolith Microchemistry. <i>Transactions of the American Fisheries Society</i> , 2013, 142, 1192-1201.	1.4	38
13	Climate-Induced Changes in Spring Snowmelt Impact Ecosystem Metabolism and Carbon Fluxes in an Alpine Stream Network. <i>Ecosystems</i> , 2018, 21, 373-390.	3.4	38
14	High-Resolution Spatial Sampling Identifies Groundwater as Driver of CO ₂ Dynamics in an Alpine Stream Network. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 1961-1976.	3.0	37
15	Alpine Glacier Shrinkage Drives Shift in Dissolved Organic Carbon Export From Quasi-Chemostasis to Transport Limitation. <i>Geophysical Research Letters</i> , 2019, 46, 8872-8881.	4.0	29
16	Sediment size and nutrients regulate denitrification in a tropical stream. <i>Journal of the North American Benthological Society</i> , 2009, 28, 480-490.	3.1	24
17	Quantifying the top-down and bottom-up effects of a non-native grazer in freshwaters. <i>Biological Invasions</i> , 2015, 17, 1253-1266.	2.4	18
18	Exploring the Sources of Unexpected High Methane Concentrations and Fluxes From Alpine Headwater Streams. <i>Geophysical Research Letters</i> , 2019, 46, 6614-6625.	4.0	17

#	ARTICLE	IF	CITATIONS
19	Dam tailwaters compound the effects of reservoirs on the longitudinal transport of organic carbon in an arid river. <i>Biogeosciences</i> , 2015, 12, 4345-4359.	3.3	15
20	Regimes of primary production and their drivers in Alpine streams. <i>Freshwater Biology</i> , 2021, 66, 1449-1463.	2.4	15
21	Stream Food Webs. , 2007, , 637-659.		7
22	Travel Time and Source Variation Explain the Molecular Transformation of Dissolved Organic Matter in an Alpine Stream Network. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2019JG005616.	3.0	7
23	Divergent Gas Transfer Velocities of CO ₂ , CH ₄ , and N ₂ O Over Spatial and Temporal Gradients in a Subtropical Estuary. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2021JG006270.	3.0	5
24	USE OF STABLE ISOTOPES TO TRACE SEWAGE EFFLUENT THROUGH A FORESTED MID-ORDER STREAM IN THE VICINITY OF GREENSBORO, NC. <i>Proceedings of the Water Environment Federation</i> , 2004, 2004, 736-745.	0.0	1