Alexander D Huryn

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3049053/publications.pdf

Version: 2024-02-01

42 papers	2,962 citations	279798 23 h-index	315739 38 g-index
43 all docs	43 docs citations	43 times ranked	2685 citing authors

#	Article	IF	Citations
1	Length-Mass Relationships for Freshwater Macroinvertebrates in North America with Particular Reference to the Southeastern United States. Journal of the North American Benthological Society, 1999, 18, 308-343.	3.1	879
2	Life History and Production of Stream Insects. Annual Review of Entomology, 2000, 45, 83-110.	11.8	257
3	Interactions between temperature and nutrients across levels of ecological organization. Global Change Biology, 2015, 21, 1025-1040.	9.5	210
4	EFFECTS OF LAND USE ON STREAM METABOLISM AND ORGANIC MATTER TURNOVER. , 1999, 9, 1359-1376.		194
5	Ecosystem-level evidence for top-down and bottom-up control of production in a grassland stream system. Oecologia, 1998, 115, 173-183.	2.0	130
6	An appraisal of the Allen paradox in a New Zealand trout stream. Limnology and Oceanography, 1996, 41, 243-252.	3.1	127
7	Comment: Improvements to the diurnal upstream-downstream dissolved oxygen change technique for determining whole-stream metabolism in small streams. Canadian Journal of Fisheries and Aquatic Sciences, 1998, 55, 1784-1785.	1.4	110
8	Benthic invertebrate productionâ€"facilitating answers to ecological riddles in freshwater ecosystems. Journal of the North American Benthological Society, 2010, 29, 264-285.	3.1	103
9	Macroinvertebrates as indicators of fish absence in naturally fishless lakes. Freshwater Biology, 2009, 54, 181-202.	2.4	65
10	Effects of agricultural development on processing of tussock leaf litter in high country New Zealand streams. Freshwater Biology, 1994, 32, 413-427.	2.4	54
11	Does N₂ fixation amplify the temperature dependence of ecosystem metabolism?. Ecology, 2015, 96, 603-610.	3.2	53
12	Annual contribution of terrestrial invertebrates to a New Zealand trout stream. New Zealand Journal of Marine and Freshwater Research, 1995, 29, 467-477.	2.0	51
13	Food web structure and function in two arctic streams with contrasting disturbance regimes. Freshwater Biology, 2006, 51, 1249-1263.	2.4	50
14	Landscape heterogeneity and the biodiversity of Arctic stream communities: a habitat template analysis. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 1905-1919.	1.4	48
15	Seasonal changes in light availability modify the temperature dependence of ecosystem metabolism in an arctic stream. Ecology, 2014, 95, 2826-2839.	3.2	47
16	Effect of a whole-catchment N addition on stream detritus processing. Journal of the North American Benthological Society, 2003, 22, 194-206.	3.1	45
17	Warming alters coupled carbon and nutrient cycles in experimental streams. Global Change Biology, 2016, 22, 2152-2164.	9.5	43
18	Secondary Production and Quantitative Food Webs. , 2017, , 235-254.		43

#	Article	IF	Citations
19	Effects of introduced fish on macroinvertebrate communities in historically fishless headwater and kettle lakes. Biological Conservation, 2009, 142, 3030-3038.	4.1	42
20	Increased resource use efficiency amplifies positive response of aquatic primary production to experimental warming. Global Change Biology, 2018, 24, 1069-1084.	9.5	38
21	Experimental wholeâ€stream warming alters community size structure. Global Change Biology, 2017, 23, 2618-2628.	9.5	37
22	Response of stream macroinvertebrate production to atmospheric nitrogen deposition and channel drying. Limnology and Oceanography, 2005, 50, 228-236.	3.1	31
23	Longitudinal patterns of organic matter transport and turnover along a New Zealand grassland river. Freshwater Biology, 1997, 38, 93-107.	2.4	30
24	Relationship between biomass turnover and body size for stream communities. , 2007, , 55-76.		27
25	Predicting the locations of naturally fishless lakes. Freshwater Biology, 2008, 53, 1021-1035.	2.4	24
26	Effects of natural disturbance on stream communities: a habitat template analysis of arctic headwater streams. Freshwater Biology, 2011, 56, 1342-1357.	2.4	23
27	Shifts in community size structure drive temperature invariance of secondary production in a streamâ€warming experiment. Ecology, 2017, 98, 1797-1806.	3.2	23
28	Extreme seasonality of litter breakdown in an arctic spring-fed stream is driven by shredder phenology, not temperature. Freshwater Biology, 2011, 56, 2034-2044.	2.4	21
29	Discharge, legacy effects and nutrient availability as determinants of temporal patterns in biofilm metabolism and accrual in an arctic river. Freshwater Biology, 2015, 60, 2323-2336.	2.4	20
30	Disturbance and productivity as codeterminants of stream food web complexity in the Arctic. Limnology and Oceanography, 2013, 58, 2158-2170.	3.1	19
31	Disturbance, nutrients, and antecedent flow conditions affect macroinvertebrate community structure and productivity in an Arctic river. Limnology and Oceanography, 2019, 64, S93.	3.1	17
32	Seasonal Subsurface Thaw Dynamics of an Aufeis Feature Inferred From Geophysical Methods. Journal of Geophysical Research F: Earth Surface, 2020, 125, e2019JF005345.	2.8	15
33	Stream ecosystem response to chronic deposition of N and acid at the Bear Brook Watershed, Maine. Environmental Monitoring and Assessment, 2010, 171, 83-92.	2.7	14
34	Seasonal changes in light availability modify the temperature dependence of secondary production in an Arctic stream. Ecology, 2019, 100, e02690.	3.2	13
35	<scp>R</scp>esource supply governs the apparent temperature dependence of animal production in stream ecosystems. Ecology Letters, 2020, 23, 1809-1819.	6.4	12
36	<scp>Aufeis</scp> fields as novel groundwaterâ€dependent ecosystems in the arctic cryosphere. Limnology and Oceanography, 2021, 66, 607-624.	3.1	12

#	Article	IF	Citations
37	Nutrient enrichment intensifies the effects of warming on metabolic balance of stream ecosystems. Limnology and Oceanography Letters, 2022, 7, 332-341.	3.9	8
38	Thermal niche diversity and trophic redundancy drive neutral effects of warming on energy flux through a stream food web. Ecology, 2020, 101, e02952.	3.2	7
39	The Plecoptera and Trichoptera of the Arctic North Slope of Alaska. Western North American Naturalist, 2014, 74, 275-285.	0.4	6
40	Effects of Land Use on Stream Metabolism and Organic Matter Turnover. , 1999, 9, 1359.		5
41	Effects of atmospheric N deposition on coarse organic matter in a headwater stream. Hydrobiologia, 2005, 532, 167-179.	2.0	4
42	Flow is more Important than Temperature in Driving Patterns of Organic Matter Storage and Stoichiometry in Stream Ecosystems. Ecosystems, 2021, 24, 1317-1331.	3.4	4