

Kimberly L Howland

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

952
citations

471509
17
h-index

501196
28
g-index

42
all docs

42
docs citations

42
times ranked

1073
citing authors

#	ARTICLE	IF	CITATIONS
1	<sc>eDNA</sc> metabarcoding as a new surveillance approach for coastal Arctic biodiversity. Ecology and Evolution, 2018, 8, 7763-7777.	1.9	154
2	A global-scale screening of non-native aquatic organisms to identify potentially invasive species under current and future climate conditions. Science of the Total Environment, 2021, 788, 147868.	8.0	80
3	Projecting present and future habitat suitability of ship-mediated aquatic invasive species in the Canadian Arctic. Biological Invasions, 2018, 20, 501-517.	2.4	66
4	Sympatric Polymorphism in Lake Trout: The Coexistence of Multiple Shallow-Water Morphotypes in Great Bear Lake. Transactions of the American Fisheries Society, 2013, 142, 814-823.	1.4	57
5	Identification of Freshwater and Anadromous Inconnu in the Mackenzie River System by Analysis of Otolith Strontium. Transactions of the American Fisheries Society, 2001, 130, 725-741.	1.4	55
6	Comparing eDNA metabarcoding and species collection for documenting Arctic metazoan biodiversity. Environmental DNA, 2019, 1, 342-358.	5.8	51
7	Three decades of Canadian marine harmful algal events: Phytoplankton and phycotoxins of concern to human and ecosystem health. Harmful Algae, 2021, 102, 101852.	4.8	43
8	What and where? Predicting invasion hotspots in the Arctic marine realm. Global Change Biology, 2020, 26, 4752-4771.	9.5	38
9	Polymorphism in lake trout in Great Bear Lake: intra-lake morphological diversification at two spatial scales. Biological Journal of the Linnean Society, 2015, 114, 109-125.	1.6	34
10	Establishing a baseline for early detection of non-indigenous species in ports of the Canadian Arctic. Aquatic Invasions, 2014, 9, 327-342.	1.6	30
11	Life-history characteristics and landscape attributes as drivers of genetic variation, gene flow, and fine-scale population structure in northern Dolly Varden (<i>Salvelinus malma malma</i>) in Canada. Canadian Journal of Fisheries and Aquatic Sciences, 2015, 72, 1477-1493.	1.4	24
12	Fatty acid signatures and stomach contents of four sympatric <sc>L</sc>ake <sc>T</sc>ROUT: assessment of trophic patterns among morphotypes in <sc>G</sc>reat <sc>B</sc>ear <sc>L</sc>ake. Ecology of Freshwater Fish, 2016, 25, 109-124.	1.4	24
13	Multiple generalist morphs of Lake Trout: Avoiding constraints on the evolution of intraspecific divergence?. Ecology and Evolution, 2016, 6, 7727-7741.	1.9	21
14	Morphological and genetic variation in Cisco (Coregonus artedi) and Shortjaw Cisco (C. zenithicus): multiple origins of Shortjaw Cisco in inland lakes require a lake-specific conservation approach. Conservation Genetics, 2016, 17, 45-56.	1.5	21
15	Life-history variation among four shallow-water morphotypes of lake trout from Great Bear Lake, Canada. Journal of Great Lakes Research, 2016, 42, 193-203.	1.9	20
16	Kelp in the Eastern Canadian Arctic: Current and Future Predictions of Habitat Suitability and Cover. Frontiers in Marine Science, 2021, 18, .	2.5	20
17	Migration Patterns of Freshwater and Anadromous Inconnu in the Mackenzie River System. Transactions of the American Fisheries Society, 2000, 129, 41-59.	1.4	18
18	Ecological risk assessment of predicted marine invasions in the Canadian Arctic. PLoS ONE, 2019, 14, e0211815.	2.5	16

#	ARTICLE	IF	CITATIONS
19	Migration tactics affect spawning frequency in an iteroparous salmonid (<i>Salvelinus malma</i>) from the Arctic. <i>PLoS ONE</i> , 2018, 13, e0210202.	2.5	15
20	From top to bottom: Do Lake Trout diversify along a depth gradient in Great Bear Lake, NT, Canada?. <i>PLoS ONE</i> , 2018, 13, e0193925.	2.5	14
21	Where else? Assessing zones of alternate ballast water exchange in the Canadian eastern Arctic. <i>Marine Pollution Bulletin</i> , 2019, 139, 74-90.	5.0	13
22	Genetic population structure of the round whitefish (<i>Prosopium cylindraceum</i>) in North America: multiple markers reveal glacial refugia and regional subdivision. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 836-849.	1.4	12
23	Detecting community change in Arctic marine ecosystems using the temporal dynamics of environmental DNA. <i>Environmental DNA</i> , 2021, 3, 573-590.	5.8	11
24	Arctic marine forest distribution models showcase potentially severe habitat losses for cryophilic species under climate change. <i>Global Change Biology</i> , 2022, 28, 3711-3727.	9.5	11
25	Influence of potential fish competitors on Lake Trout trophic ecology in small lakes of the Barrenlands, N.W.T., Canada. <i>Journal of Great Lakes Research</i> , 2016, 42, 290-298.	1.9	10
26	Attenuation and modification of the ballast water microbial community during voyages into the Canadian Arctic. <i>Diversity and Distributions</i> , 2017, 23, 567-576.	4.1	9
27	Decoupling of otolith and somatic growth during anadromous migration in a northern salmonid. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2019, 76, 1940-1953.	1.4	9
28	Modeling spatiotemporal variabilities of length-at-age growth characteristics for slow-growing subarctic populations of Lake Whitefish, using hierarchical Bayesian statistics. <i>Journal of Great Lakes Research</i> , 2016, 42, 308-318.	1.9	8
29	Habitat overlap of juvenile and adult lake trout of Great Bear Lake: Evidence for lack of a predation gradient?. <i>Ecology of Freshwater Fish</i> , 2019, 28, 485-498.	1.4	8
30	Screening for High-Risk Marine Invaders in the Hudson Bay Region, Canadian Arctic. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	8
31	Assessing Responses of Fish to Habitat Enhancement in Barrenlands Streams of the Northwest Territories. <i>North American Journal of Fisheries Management</i> , 2015, 35, 755-764.	1.0	8
32	A Comparison of Three Anatomical Structures for Estimating Age in a Slow-Growing Subarctic Population of Lake Whitefish. <i>North American Journal of Fisheries Management</i> , 2015, 35, 262-270.	1.0	7
33	A comparison of different structures and methods for estimating age of northern-form Dolly Varden <i>Salvelinus malma malma</i> from the Canadian Arctic. <i>Polar Biology</i> , 2016, 39, 1257-1265.	1.2	7
34	Ocean-entry timing and marine habitat-use of Canadian Dolly Varden: Dispersal among conservation, hydrocarbon exploration, and shipping areas in the Beaufort Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 262, 107609.	2.1	7
35	Arctic Grayling Movements through a Nature-Like Fishpass in Northern Canada. <i>Transactions of the American Fisheries Society</i> , 2016, 145, 951-963.	1.4	5
36	Among-Individual diet variation within a lake trout ecotype: Lack of stability of niche use. <i>Ecology and Evolution</i> , 2021, 11, 1457-1475.	1.9	4

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37	Variation in Fork-to-Total Length Relationships of North American Lake Trout Populations. <i>Journal of Fish and Wildlife Management</i> , 2020, 11, 263-272.	0.9	4
38	Assessing conservation risks to populations of an anadromous Arctic salmonid, the northern Dolly Varden (<i>Salvelinus malma malma</i>), via estimates of effective and census population sizes and approximate Bayesian computation. <i>Conservation Genetics</i> , 2017, 18, 393-410.	1.5	3
39	Elucidation of ecosystem attributes of two Mackenzie great lakes with trophic network analysis. <i>Aquatic Ecosystem Health and Management</i> , 2014, 17, 151-160.	0.6	2
40	Freshwater early life growth influences partial migration in populations of Dolly Varden (<i>Salvelinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	2
41	Biodiversity of macrobenthic nematodes in the intertidal and shallow subtidal zones in the Eastern Canadian Arctic. <i>Polar Biology</i> , 2022, 45, 225-242.	1.2	2
42	Age estimation comparison between whole and thin-sectioned otoliths and pelvic fin-ray sections of long-lived lake trout, <i>Salvelinus namaycush</i> , from Great Bear Lake, Northwest Territories, Canada. <i>Polar Biology</i> , 2021, 44, 1765-1779.	1.2	1