

Andrew M Muir

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

1,373
citations

331670

21
h-index

377865

34
g-index

62
all docs

62
docs citations

62
times ranked

1336
citing authors

#	ARTICLE	IF	CITATIONS
1	On the relevance of animal behavior to the management and conservation of fishes and fisheries. <i>Environmental Biology of Fishes</i> , 2023, 106, 785-810.	1.0	10
2	A chromosome-anchored genome assembly for Lake Trout (<i>Salvelinus namaycush</i>). <i>Molecular Ecology Resources</i> , 2022, 22, 679-694.	4.8	16
3	Next-generation lampricides: a three-stage process to develop improved control tools for invasive sea lamprey. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2022, 79, 692-702.	1.4	7
4	Managing native and non-native sea lamprey (<i>Petromyzon marinus</i>) through anthropogenic change: A prospective assessment of key threats and uncertainties. <i>Journal of Great Lakes Research</i> , 2021, 47, S704-S722.	1.9	17
5	Introduction. <i>The Lake Charr: Biology, Ecology, Distribution, and Management.</i> , 2021, , 1-12.		2
6	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
7	Temporal instability of lake charr phenotypes: Synchronicity of growth rates and morphology linked to environmental variables?. <i>Evolutionary Applications</i> , 2021, 14, 1159-1177.	3.1	2
8	Editorial: Global fish passage issues. <i>Aquaculture and Fisheries</i> , 2021, 6, 111-112.	2.2	1
9	A renewed philosophy about supplemental sea lamprey controls. <i>Journal of Great Lakes Research</i> , 2021, 47, S742-S752.	1.9	29
10	Foreword: Control and Conservation of Lampreys Beyond 2020 - Proceedings from the 3rd Sea Lamprey International Symposium (SLIS III). <i>Journal of Great Lakes Research</i> , 2021, 47, S1-S10.	1.9	5
11	Potential changes to the biology and challenges to the management of invasive sea lamprey <i>Petromyzon marinus</i> in the Laurentian Great Lakes due to climate change. <i>Global Change Biology</i> , 2020, 26, 1118-1137.	9.5	22
12	Single-Stream Recycling Inspires Selective Fish Passage Solutions for the Connectivity Conundrum in Aquatic Ecosystems. <i>BioScience</i> , 2020, 70, 871-886.	4.9	27
13	Gut contents from multiple morphs of lake trout (<i>Salvelinus namaycush</i>) at two offshore shoals in Lake Superior. <i>Journal of Great Lakes Research</i> , 2020, 46, 1382-1390.	1.9	7
14	Arctic freshwater fish productivity and colonization increase with climate warming. <i>Nature Climate Change</i> , 2020, 10, 428-433.	18.8	29
15	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
16	Alternative Sea Lamprey Barrier Technologies: History as a Control Tool. <i>Reviews in Fisheries Science and Aquaculture</i> , 2019, 27, 438-457.	9.1	36
17	Assessing the impact of charr research past, present, and future. <i>Hydrobiologia</i> , 2019, 840, 1-10.	2.0	1
18	Linking Water Quality and Fishery Management Facilitated the Development of Ecosystem-based Management in the Great Lakes Basin. <i>Fisheries</i> , 2019, 44, 288-292.	0.8	9

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19	The role of a multi-jurisdictional organization in developing ecosystem-based management for fisheries in the Great Lakes basin. <i>Aquatic Ecosystem Health and Management</i> , 2019, 22, 329-341.	0.6	3
20	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
21	Food web structure and ecosystem function in the Laurentian Great Lakes—Toward a conceptual model. <i>Freshwater Biology</i> , 2019, 64, 1-23.	2.4	37
22	Rapid evolution meets invasive species control: the potential for pesticide resistance in sea lamprey. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 152-168.	1.4	47
23	Small-scale intraspecific patterns of adaptive immunogenetic polymorphisms and neutral variation in Lake Superior lake trout. <i>Immunogenetics</i> , 2018, 70, 53-66.	2.4	7
24	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
25	Investigating the extent of parallelism in morphological and genomic divergence among lake trout ecotypes in Lake Superior. <i>Molecular Ecology</i> , 2017, 26, 1477-1497.	3.9	46
26	Evidence of a remnant self-sustaining strain of lake trout in the Lake Michigan basin. <i>Journal of Great Lakes Research</i> , 2017, 43, 155-162.	1.9	2
27	Islands in the ice stream: were spawning habitats for native salmonids in the Great Lakes created by paleo-ice streams?. <i>Fish and Fisheries</i> , 2017, 18, 347-359.	5.3	11
28	Lake whitefish (<i>Coregonus clupeaformis</i>) energy and nutrient partitioning in lakes Michigan, Erie and Superior. <i>Journal of Great Lakes Research</i> , 2017, 43, 144-154.	1.9	3
29	Genetic and phenotypic variation along an ecological gradient in lake trout <i>Salvelinus namaycush</i> . <i>BMC Evolutionary Biology</i> , 2016, 16, 219.	3.2	15
30	Multiple generalist morphs of Lake Trout: Avoiding constraints on the evolution of intraspecific divergence?. <i>Ecology and Evolution</i> , 2016, 6, 7727-7741.	1.9	21
31	Challenge to the model of lake charr evolution: shallow- and deep-water morphs exist within a small postglacial lake. <i>Biological Journal of the Linnean Society</i> , 2016, , .	1.6	12
32	The adaptive capacity of lake food webs: from individuals to ecosystems. <i>Ecological Monographs</i> , 2016, 86, 4-19.	5.4	84
33	Loss of genetic diversity and reduction of genetic distance among lake trout <i>Salvelinus namaycush</i> ecomorphs, Lake Superior 1959 to 2013. <i>Journal of Great Lakes Research</i> , 2016, 42, 204-216.	1.9	32
34	Life history differences between fat and lean morphs of lake charr (<i>Salvelinus namaycush</i>) in Great Slave Lake, Northwest Territories, Canada. <i>Hydrobiologia</i> , 2016, 783, 21-35.	2.0	12
35	If Arctic charr <i>Salvelinus alpinus</i> is “the most diverse vertebrate”, what is the lake charr <i>Salvelinus namaycush</i> ?. <i>Fish and Fisheries</i> , 2016, 17, 1194-1207.	5.3	98
36	Life history variation among four lake trout morphs at Isle Royale, Lake Superior. <i>Journal of Great Lakes Research</i> , 2016, 42, 421-432.	1.9	31

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37	Morphological and genetic variation in Cisco (<i>Coregonus artedii</i>) and Shortjaw Cisco (<i>C. zenithicus</i>): multiple origins of Shortjaw Cisco in inland lakes require a lake-specific conservation approach. <i>Conservation Genetics</i> , 2016, 17, 45-56.	1.5	21
38	New insight into the spawning behavior of lake trout, <i>Salvelinus namaycush</i> , from a recovering population in the Laurentian Great Lakes. <i>Environmental Biology of Fishes</i> , 2015, 98, 173-181.	1.0	27
39	Reproductive life-history strategies in lake whitefish (<i>Coregonus clupeaformis</i>) from the Laurentian Great Lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 1256-1269.	1.4	27
40	Morphology and life history of the Great Slave Lake ciscoes (<i>Salmoniformes: Coregonidae</i>). <i>Ecology of Freshwater Fish</i> , 2014, 23, 453-469.	1.4	17
41	Predation by alewife on lake trout fry emerging from laboratory reefs: Estimation of fry survival and assessment of predation potential. <i>Journal of Great Lakes Research</i> , 2014, 40, 429-434.	1.9	8
42	Lake trout in northern Lake Huron spawn on submerged drumlins. <i>Journal of Great Lakes Research</i> , 2014, 40, 415-420.	1.9	35
43	Ecomorphological Diversity of Lake Trout at Isle Royale, Lake Superior. <i>Transactions of the American Fisheries Society</i> , 2014, 143, 972-987.	1.4	67
44	Past, present and future of fishery management on one of the world's last remaining pristine great lakes: Great Bear Lake, Northwest Territories, Canada. <i>Reviews in Fish Biology and Fisheries</i> , 2013, 23, 293-315.	4.9	7
45	Ontogenetic shifts in morphology and resource use of cisco <i>Coregonus artedii</i> . <i>Journal of Fish Biology</i> , 2013, 82, 600-617.	1.6	20
46	Lake charr <i>Salvelinus namaycush</i> spawning behaviour: new field observations and a review of current knowledge. <i>Reviews in Fish Biology and Fisheries</i> , 2012, 22, 575-593.	4.9	42
47	Seasonal distribution of bloater (<i>Coregonus hoyi</i>) in the waters of Lake Huron surrounding the Bruce Peninsula. <i>Journal of Great Lakes Research</i> , 2012, 38, 381-389.	1.9	2
48	A Perspective on Perspectives: Methods to Reduce Variation in Shape Analysis of Digital Images. <i>Transactions of the American Fisheries Society</i> , 2012, 141, 1161-1170.	1.4	46
49	Polymethylene-interrupted fatty acids: Biomarkers for native and exotic mussels in the Laurentian Great Lakes. <i>Journal of Great Lakes Research</i> , 2011, 37, 289-297.	1.9	7
50	Bioaccumulation and biotransformation of decabromodiphenyl ether and effects on daily growth in juvenile lake whitefish (<i>Coregonus clupeaformis</i>). <i>Ecotoxicology</i> , 2010, 19, 751-760.	2.4	21
51	Assessing feeding competition between lake whitefish <i>Coregonus clupeaformis</i> and round whitefish <i>Prosopium cylindraceum</i> . <i>Environmental Epigenetics</i> , 2010, 56, 109-117.	1.8	13
52	Does condition of Lake Whitefish spawners affect physiological condition of juveniles?. <i>Journal of Great Lakes Research</i> , 2010, 36, 92-99.	1.9	18
53	Spatio-temporal trends in the food habits of age-0 lake whitefish. <i>Journal of Great Lakes Research</i> , 2010, 36, 66-72.	1.9	21
54	Global introductions of salmon and trout in the genus <i>Oncorhynchus</i> : 1870-2007. <i>Reviews in Fish Biology and Fisheries</i> , 2008, 18, 313-344.	4.9	205

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55	A Comparison of the Scale and Otolith Methods of Age Estimation for Lake Whitefish in Lake Huron. North American Journal of Fisheries Management, 2008, 28, 625-635.	1.0	28
56	An Evaluation of Age Estimation Structures for Lake Whitefish in Lake Michigan: Selecting an Aging Method Based on Precision and a Decision Analysis. North American Journal of Fisheries Management, 2008, 28, 1928-1940.	1.0	23
57	Insights from a novel, user-driven science transfer program for resource management. Socio-Ecological Practice Research, 0, , 1.	1.9	1
58	A CHARRmed life: a synthesis of scientific contributions by David Lloyd George Noakes (1942â€“2020). Environmental Biology of Fishes, 0, , 1.	1.0	3