

Jonathan D Midwood

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

956
citations

566801

15
h-index

476904

29
g-index

50
all docs

50
docs citations

50
times ranked

1186
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking animals in freshwater with electronic tags: past, present and future. <i>Animal Biotelemetry</i> , 2013, 1, 5.	0.8	213
2	Global COVID-19 lockdown highlights humans as both threats and custodians of the environment. <i>Biological Conservation</i> , 2021, 263, 109175.	1.9	96
3	Canadian Recreational Fisheries: 35 Years of Social, Biological, and Economic Dynamics from a National Survey. <i>Fisheries</i> , 2014, 39, 251-260.	0.6	68
4	Mapping Floating and Emergent Aquatic Vegetation in Coastal Wetlands of Eastern Georgian Bay, Lake Huron, Canada. <i>Wetlands</i> , 2010, 30, 1141-1152.	0.7	38
5	Municipal wastewater effluent affects fish communities: A multi-year study involving two wastewater treatment plants. <i>Environmental Pollution</i> , 2019, 252, 1730-1741.	3.7	35
6	Changes in aquatic vegetation and fish communities following 5 years of sustained low water levels in coastal marshes of eastern Georgian Bay, Lake Huron. <i>Global Change Biology</i> , 2012, 18, 93-105.	4.2	33
7	On the Electroimmobilization of Fishes for Research and Practice: Opportunities, Challenges, and Research Needs. <i>Fisheries</i> , 2019, 44, 576-585.	0.6	31
8	Stress and food deprivation: linking physiological state to migration success in a teleost fish. <i>Journal of Experimental Biology</i> , 2016, 219, 3712-3718.	0.8	30
9	Bycatch mortality can cause extirpation in four freshwater turtle species. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2015, 25, 71-80.	0.9	28
10	If and when: intrinsic differences and environmental stressors influence migration in brown trout (<i>Salmo trutta</i>). <i>Oecologia</i> , 2017, 184, 375-384.	0.9	27
11	Characterisation of water temperature variability within a harbour connected to a large lake. <i>Journal of Great Lakes Research</i> , 2015, 41, 1010-1023.	0.8	25
12	Environmental factors associated with the distribution of non-native starry stonewort (<i>Nitellopsis</i>). <i>Journal of Great Lakes Research</i> , 2010, 36, 101-108.	0.8	25
13	An experimental field evaluation of winter carryover effects in semi-anadromous brown trout (<i>Salmo trutta</i>). <i>Journal of Experimental Zoology</i> , 2015, 323, 645-654.	1.2	19
14	Consequences of oral lure retention on the physiology and behaviour of adult northern pike (<i>Esox</i>). <i>Journal of Great Lakes Research</i> , 2010, 36, 109-116.	0.9	18
15	Characterizing Past and Modelling Future Spread of <i>Phragmites australis</i> ssp. <i>australis</i> at Long Point Peninsula, Ontario, Canada. <i>Wetlands</i> , 2017, 37, 961-973.	0.7	17
16	Comparing Immobilization, Recovery, and Stress Indicators Associated with Electric Fish Handling Gloves and a Portable Electroanesthesia System. <i>Transactions of the American Fisheries Society</i> , 2018, 147, 390-399.	0.6	17
17	A review and meta-analysis of collaborative research prioritization studies in ecology, biodiversity conservation and environmental science. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200012.	1.2	16
18	Intense variability of dissolved oxygen and temperature in the internal swash zone of Hamilton Harbour, Lake Ontario. <i>Inland Waters</i> , 2021, 11, 162-179.	1.1	16

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19	Does the level of asepsis impact the success of surgically implanting tags in Atlantic salmon?. Fisheries Research, 2013, 147, 344-348.	0.9	15
20	Fish living near two wastewater treatment plants have unaltered thermal tolerance but show changes in organ and tissue traits. Journal of Great Lakes Research, 2021, 47, 522-533.	0.8	15
21	Applications of telemetry to fish habitat science and management. Canadian Journal of Fisheries and Aquatic Sciences, 2022, 79, 1347-1359.	0.7	15
22	Connecting Coastal Marshes Using Movements of Resident and Migratory Fishes. Wetlands, 2015, 35, 69-79.	0.7	13
23	Comparative thermal biology and depth distribution of largemouth bass (<i>Micropterus salmoides</i>) and northern pike (<i>Esox lucius</i>) in an urban harbour of the Laurentian Great Lakes. Canadian Journal of Zoology, 2016, 94, 767-776.	0.4	12
24	A shoreline divided: Twelve-year water quality and land cover trends in Lake Ontario coastal wetlands. Journal of Great Lakes Research, 2017, 43, 1005-1015.	0.8	12
25	Development of an Inventory of Coastal Wetlands for Eastern Georgian Bay, Lake Huron. ISRN Ecology, 2012, 2012, 1-13.	1.0	11
26	Diel variability in fish assemblages in coastal wetlands and tributaries of the St. Lawrence River: a cautionary tale for fisheries monitoring. Aquatic Sciences, 2016, 78, 267-277.	0.6	10
27	Watershed-Scale Land Use Activities Influence the Physiological Condition of Stream Fish. Physiological and Biochemical Zoology, 2016, 89, 10-25.	0.6	9
28	Tracking bowfin with acoustic telemetry: Insight into the ecology of a living fossil. Ecology of Freshwater Fish, 2018, 27, 225-236.	0.7	9
29	A comparison of passive and active gear in fish community assessments in summer versus winter. Fisheries Research, 2021, 242, 106016.	0.9	9
30	Speed of sound gradients due to summer thermal stratification can reduce the detection range of acoustic fish tags: results from a field study in Hamilton Harbour, Ontario. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 269-285.	0.7	8
31	Effects of Emergence Time and Early Social Rearing Environment on Behaviour of Atlantic Salmon: Consequences for Juvenile Fitness and Smolt Migration. PLoS ONE, 2015, 10, e0119127.	1.1	7
32	Comparative spatial ecology of sympatric adult muskellunge and northern pike during a one-year period in an urban reach of the Rideau River, Canada. Environmental Biology of Fishes, 2016, 99, 409-421.	0.4	6
33	Freshwater turtle bycatch research supports science-based fisheries management. Aquatic Conservation: Marine and Freshwater Ecosystems, 2020, 30, 1783-1790.	0.9	6
34	Research priorities for the management of freshwater fish habitat in Canada. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 1744-1754.	0.7	6
35	The Influence of Sex, Parasitism, and Ontogeny on the Physiological Response of European Eels (<i>Anguilla anguilla</i>) to an Abiotic Stressor. Physiological and Biochemical Zoology, 2018, 91, 976-986.	0.6	5
36	Comparison of approaches for modelling submerged aquatic vegetation in the Toronto and Region Area of Concern. Journal of Great Lakes Research, 2021, 47, 395-404.	0.8	4

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37	Internal seiches as drivers of fish depth use in lakes. <i>Limnology and Oceanography</i> , 2022, 67, 1040-1051.	1.6	4
38	Fish surgery – A dirty business? Comments to a letter submitted by D. Mulcahy and C.A. Harms. <i>Fisheries Research</i> , 2014, 156, 6-8.	0.9	3
39	Conference report: muskellunge science and management: progress through partnerships. <i>Environmental Biology of Fishes</i> , 2015, 98, 2031-2035.	0.4	3
40	Seasonal variation in baseline and maximum whole-body glucocorticoid concentrations in a small-bodied stream fish independent of habitat quality. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2016, 192, 1-6.	0.8	3
41	Size-Dependent Consequences of Exogenous Cortisol Manipulation on Overwinter Survival and Condition of Largemouth Bass. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 5-17.	0.9	3
42	Intracoelomic Implantation of Transmitters in Longnose Gar. <i>Transactions of the American Fisheries Society</i> , 2018, 147, 704-710.	0.6	3
43	Spatiotemporal ecology of juvenile Muskellunge (<i>Esox masquinongy</i>) and Northern Pike (<i>Esox lucius</i>) Tj ETQq1 1 0.784314 rgBT /Over <i>Freshwater Fish</i> , 2020, 29, 346-363.	0.7	3
44	Experimental displacement of longnose dace, <i>Rhinichthys cataractae</i> (Actinopterygii, Cyprinidae), reveals rapid fish avoidance of a stormwater drain in an urban watershed. <i>Hydrobiologia</i> , 2016, 767, 197-206.	1.0	2
45	Development and spatial application of a submerged aquatic vegetation model for Cootes Paradise Marsh, Ontario, Canada. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	2
46	A Local Analgesic, Lidocaine, Did Not Affect Short-Term Welfare during Electroanesthesia of a Teleost Fish. <i>Transactions of the American Fisheries Society</i> , 2021, 150, 477-489.	0.6	2
47	Automated Coastal Ice Mapping with SAR Can Inform Winter Fish Ecology in the Laurentian Great Lakes. <i>Canadian Journal of Remote Sensing</i> , 2022, 48, 19-36.	1.1	2
48	No Evidence for Long-Term Carryover Effects in a Wild Salmonid Fish. <i>Physiological and Biochemical Zoology</i> , 2021, 94, 319-329.	0.6	1
49	Intracoelomic implantation of transmitters in Longnose Gar <i>Lepisosteus osseus</i> . <i>Transactions of the American Fisheries Society</i> , 2017, , .	0.6	0