

Michael R Donaldson

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

3,259
citations

159585

30
h-index

233421

45
g-index

50
all docs

50
docs citations

50
times ranked

2965
citing authors

#	ARTICLE	IF	CITATIONS
1	Predatory journals: no definition, no defence. <i>Nature</i> , 2019, 576, 210-212.	27.8	347
2	Cold shock and fish. <i>Journal of Fish Biology</i> , 2008, 73, 1491-1530.	1.6	294
3	The physiological consequences of catch-and-release angling: perspectives on experimental design, interpretation, extrapolation and relevance to stakeholders. <i>Fisheries Management and Ecology</i> , 2013, 20, 268-287.	2.0	151
4	Taxonomic bias and international biodiversity conservation research. <i>Facets</i> , 2017, 1, 105-113.	2.4	147
5	Validation of reflex indicators for measuring vitality and predicting the delayed mortality of wild coho salmon bycatch released from fishing gears. <i>Journal of Applied Ecology</i> , 2012, 49, 90-98.	4.0	138
6	Making connections in aquatic ecosystems with acoustic telemetry monitoring. <i>Frontiers in Ecology and the Environment</i> , 2014, 12, 565-573.	4.0	136
7	Evaluation of the interactive effects of air exposure duration and water temperature on the condition and survival of angled and released fish. <i>Fisheries Research</i> , 2007, 86, 169-178.	1.7	132
8	Enhancing catch-and-release science with biotelemetry. <i>Fish and Fisheries</i> , 2008, 9, 79-105.	5.3	128
9	Stress Indicators in Fish. <i>Fish Physiology</i> , 2016, 35, 405-462.	0.8	126
10	The role of temperature in the capture and release of fish. <i>Fish and Fisheries</i> , 2013, 14, 1-33.	5.3	119
11	Effects of different capture techniques on the physiological condition of bonefish <i>Albula vulpes</i> evaluated using field diagnostic tools. <i>Journal of Fish Biology</i> , 2008, 73, 1351-1375.	1.6	108
12	Conservation physiology in practice: how physiological knowledge has improved our ability to sustainably manage Pacific salmon during up-river migration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1757-1769.	4.0	107
13	Consequences of high temperatures and premature mortality on the transcriptome and blood physiology of wild adult sockeye salmon (<i>Oncorhynchus nerka</i>). <i>Ecology and Evolution</i> , 2012, 2, 1747-1764.	1.9	92
14	The consequences of angling, beach seining, and confinement on the physiology, post-release behaviour and survival of adult sockeye salmon during upriver migration. <i>Fisheries Research</i> , 2011, 108, 133-141.	1.7	90
15	Physiological Benefits of Being Small in a Changing World: Responses of Coho Salmon (<i>Oncorhynchus kisutch</i>) to an Acute Thermal Challenge and a Simulated Capture Event. <i>PLoS ONE</i> , 2012, 7, e39079.	2.5	89
16	Physiology, Behavior, and Survival of Angled and Air-Exposed Largemouth Bass. <i>North American Journal of Fisheries Management</i> , 2008, 28, 1059-1068.	1.0	63
17	Physiological Responses of Free-Swimming Adult Coho Salmon to Simulated Predator and Fisheries Encounters. <i>Physiological and Biochemical Zoology</i> , 2010, 83, 973-983.	1.5	61
18	The efficacy of field techniques for obtaining and storing blood samples from fishes. <i>Journal of Fish Biology</i> , 2011, 79, 1322-1333.	1.6	55

#	ARTICLE	IF	CITATIONS
19	How Long Is Too Long in Contemporary Peer Review? Perspectives from Authors Publishing in Conservation Biology Journals. <i>PLoS ONE</i> , 2015, 10, e0132557.	2.5	54
20	Carbon Dioxide as a Tool to Deter the Movement of Invasive Bigheaded Carps. <i>Transactions of the American Fisheries Society</i> , 2016, 145, 657-670.	1.4	50
21	Individual Variation in Migration Speed of Upriver-Migrating Sockeye Salmon in the Fraser River in Relation to Their Physiological and Energetic Status at Marine Approach. <i>Physiological and Biochemical Zoology</i> , 2008, 81, 255-268.	1.5	44
22	Temporal changes in blood variables during final maturation and senescence in male sockeye salmon <i>Oncorhynchus nerka</i> : reduced osmoregulatory ability can predict mortality. <i>Journal of Fish Biology</i> , 2011, 79, 449-465.	1.6	44
23	Resilience of Pink Salmon and Chum Salmon to Simulated Fisheries Capture Stress Incurred upon Arrival at Spawning Grounds. <i>Transactions of the American Fisheries Society</i> , 2013, 142, 524-539.	1.4	43
24	Limited behavioural thermoregulation by adult upriver-migrating sockeye salmon (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	41
25	Species- and sex-specific responses and recovery of wild, mature pacific salmon to an exhaustive exercise and air exposure stressor. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2014, 173, 7-16.	1.8	41
26	Disentangling the Roles of Air Exposure, Gill Net Injury, and Facilitated Recovery on the Postcapture and Release Mortality and Behavior of Adult Migratory Sockeye Salmon (<i>Oncorhynchus nerka</i>) in Freshwater. <i>Physiological and Biochemical Zoology</i> , 2014, 87, 125-135.	1.5	40
27	Fishing for Effective Conservation: Context and Biotic Variation are Keys to Understanding the Survival of Pacific Salmon after Catch-and-Release. <i>Integrative and Comparative Biology</i> , 2015, 55, 554-576.	2.0	40
28	Evaluation of a simple technique for recovering fish from capture stress: integrating physiology, biotelemetry, and social science to solve a conservation problem. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 90-100.	1.4	39
29	Population-Specific Consequences of Fisheries-Related Stressors on Adult Sockeye Salmon. <i>Physiological and Biochemical Zoology</i> , 2012, 85, 729-739.	1.5	37
30	Causes and Consequences of Straying into Small Populations of Pacific Salmon. <i>Fisheries</i> , 2017, 42, 220-230.	0.8	34
31	Effects of post-capture ventilation assistance and elevated water temperature on sockeye salmon in a simulated capture-and-release experiment. , 2013, 1, cot015-cot015.		31
32	Physiological Condition Differentially Affects the Behavior and Survival of Two Populations of Sockeye Salmon during Their Freshwater Spawning Migration. <i>Physiological and Biochemical Zoology</i> , 2010, 83, 446-458.	1.5	30
33	On the neglected cold side of climate change and what it means to fish. <i>Climate Research</i> , 2016, 69, 239-245.	1.1	30
34	To Tag or not to Tag: Animal Welfare, Conservation, and Stakeholder Considerations in Fish Tracking Studies That Use Electronic Tags. <i>Journal of International Wildlife Law and Policy</i> , 2013, 16, 352-374.	0.5	29
35	Contrasting Global Game Fish and Non-Game Fish Species. <i>Fisheries</i> , 2011, 36, 385-397.	0.8	26
36	Thermal biology and bioenergetics of different upriver migration strategies in a stock of summer-run Chinook salmon. <i>Journal of Thermal Biology</i> , 2012, 37, 265-272.	2.5	26

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37	Alterations to dam spill discharge influence sex-specific activity, behaviour and passage success of migrating adult sockeye salmon. <i>Ecohydrology</i> , 2014, 7, 1094-1104.	2.4	26
38	Scientific Publications: Moving beyond Quality and Quantity toward Influence. <i>BioScience</i> , 2014, 64, 12-13.	4.9	22
39	Bycatch mortality of endangered coho salmon: impacts, solutions, and aboriginal perspectives. , 2014, 24, 1803-1819.		21
40	Observable impairments predict mortality of captured and released sockeye salmon at various temperatures. , 2014, 2, cou029-cou029.		21
41	Influence of Postcapture Ventilation Assistance on Migration Success of Adult Sockeye Salmon following Capture and Release. <i>Transactions of the American Fisheries Society</i> , 2015, 144, 693-704.	1.4	21
42	Stability of swimming performance and activity hierarchies among wild largemouth bass at multiple temporal scales: evidence for context-dependent shuffling between seasons. <i>Canadian Journal of Zoology</i> , 2010, 88, 324-333.	1.0	19
43	Assessing the effect of developed habitat on waterbird behaviour in an urban riparian system in Ottawa, Canada. <i>Urban Ecosystems</i> , 2007, 10, 139-151.	2.4	16
44	Communicating science: Sending the right message to the right audience. <i>Facets</i> , 2017, 1, 127-137.	2.4	16
45	Osmoregulatory, metabolic, and nutritional condition of summer-run male Chinook salmon in relation to their fate and migratory behavior in a regulated river. <i>Endangered Species Research</i> , 2011, 14, 79-89.	2.4	15
46	ORIGINAL ARTICLE: Is fishing selective for physiological and energetic characteristics in migratory adult sockeye salmon?. <i>Evolutionary Applications</i> , 2009, 2, 299-311.	3.1	10
47	The need for speed in a crisis discipline: perspectives on peer-review duration and implications for conservation science. <i>Endangered Species Research</i> , 2016, 30, 11-18.	2.4	9
48	'Speed collaborations' and the quality versus quantity debate in ecology and evolution publications. <i>Ideas in Ecology and Evolution</i> , 2013, 6, .	0.1	1
49	<i>Genome</i>'s 60th anniversary. <i>Genome</i> , 2019, 62, iii-iv.	2.0	0