

Kim Birnie-Gauvin

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,465
citations

516681

16
h-index

377849

34
g-index

49
all docs

49
docs citations

49
times ranked

1953
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	Our failure to protect the stream and its valley: A call to back off from riparian development. <i>Freshwater Science</i> , 2022, 41, 183-194.	1.8	5
3	High prevalence of straying in a wild brown trout (<i>Salmo trutta</i>) population in a fjord system. <i>ICES Journal of Marine Science</i> , 2022, 79, 1539-1547.	2.5	7
4	Physiology as a tool for at-risk animal recovery planning: An analysis of Canadian recovery strategies with global recommendations. <i>Conservation Science and Practice</i> , 2022, 4, .	2.0	2
5	The various ways that anadromous salmonids use lake habitats to complete their life history. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 90-100.	1.4	12
6	How do natural changes in flow magnitude affect fish abundance and diversity in temperate regions? A systematic review protocol. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12079.	2.0	2
7	Life-history strategies in salmonids: the role of physiology and its consequences. <i>Biological Reviews</i> , 2021, 96, 2304-2320.	10.4	21
8	Upper Thermal Tolerance Indicated by CT _{max} Fails to Predict Migration Strategy and Timing, Growth, and Predation Vulnerability in Juvenile Brown Trout (<i>Salmo trutta</i>). <i>Physiological and Biochemical Zoology</i> , 2021, 94, 215-227.	1.5	5
9	Repeatability of migratory behaviour suggests trade-off between size and survival in a wild iteroparous salmonid. <i>Functional Ecology</i> , 2021, 35, 2717-2727.	3.6	15
10	No Evidence for Long-Term Carryover Effects in a Wild Salmonid Fish. <i>Physiological and Biochemical Zoology</i> , 2021, 94, 319-329.	1.5	1
11	Short-Term Effects of Low-Head Barrier Removals on Fish Communities and Habitats. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	4
12	First tracking of the oceanic spawning migrations of Australasian short-finned eels (<i>Anguilla</i>) Tj ETQq0 0 0 rgBT /Overclock 10 Jf 50 302 T	3.3	4
13	From endangered to sustainable: Multifaceted management in rivers and coasts improves Atlantic salmon (<i>Salmo salar</i>) populations in Denmark. <i>Fisheries Management and Ecology</i> , 2020, 27, 64-76.	2.0	10
14	Sleeping beauties—how do frogs stay alive without oxygen?. , 2020, 8, coaa042.		0
15	More than one million barriers fragment Europe's rivers. <i>Nature</i> , 2020, 588, 436-441.	27.8	314
16	Catchment-scale effects of river fragmentation: A case study on restoring connectivity. <i>Journal of Environmental Management</i> , 2020, 264, 110408.	7.8	14
17	The Value of Experimental Approaches in Migration Biology. <i>Physiological and Biochemical Zoology</i> , 2020, 93, 210-226.	1.5	11
18	Moving beyond fitting fish into equations: Progressing the fish passage debate in the Anthropocene. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019, 29, 1095-1105.	2.0	64

#	ARTICLE	IF	CITATIONS
19	A call for a paradigm shift: Assumed to be premature migrants actually yield good returns. Ecology of Freshwater Fish, 2019, 28, 62-68.	1.4	14
20	Overlooked aspects of the <i>Salmo salar</i> and <i>Salmo trutta</i> lifecycles. Reviews in Fish Biology and Fisheries, 2019, 29, 749-766.	4.9	49
21	One Hundred Pressing Questions on the Future of Global Fish Migration Science, Conservation, and Policy. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	66
22	The sounds go boom but then what?. , 2019, 7, coz057.		0
23	Cortisol predicts migration timing and success in both Atlantic salmon and sea trout kelts. Scientific Reports, 2019, 9, 2422.	3.3	28
24	Getting cosy in freshwater: Assumed to be brackish pike are not so brackish after all. Ecology of Freshwater Fish, 2019, 28, 376-384.	1.4	6
25	Behaviour of veteran sea trout <i>Salmo trutta</i> in a dangerous fjord system. Marine Ecology - Progress Series, 2019, 616, 141-153.	1.9	11
26	Making Tough Choices: Picking the Appropriate Conservation Decision-Making Tool. Conservation Letters, 2018, 11, e12418.	5.7	35
27	Another paradigm lost? Autumn downstream migration of juvenile brown trout: Evidence for a presmolt migration. Ecology of Freshwater Fish, 2018, 27, 513-516.	1.4	21
28	Testing three common stocking methods: Differences in smolt size, migration rate and timing of two strains of stocked Atlantic salmon (<i>Salmo salar</i>). Aquaculture, 2018, 483, 163-168.	3.5	7
29	N-acetylcysteine manipulation fails to elicit an increase in glutathione in a teleost model. Fish Physiology and Biochemistry, 2018, 44, 137-142.	2.3	1
30	Comparison of vegetable shortening and cocoa butter as vehicles for cortisol manipulation in <i>Salmo trutta</i> . Journal of Fish Biology, 2018, 92, 229-236.	1.6	5
31	Toads are plastic, it's fantastic! Or is it?. , 2018, 6, coy048.		0
32	Routes and survival of anadromous brown trout <i>Salmo trutta</i> L. post-smolts during early marine migration through a Danish fjord system. Estuarine, Coastal and Shelf Science, 2018, 209, 102-109.	2.1	10
33	River connectivity reestablished: Effects and implications of six weir removals on brown trout smolt migration. River Research and Applications, 2018, 34, 548-554.	1.7	42
34	Short-term and long-term effects of transient exogenous cortisol manipulation on oxidative stress in juvenile brown trout. Journal of Experimental Biology, 2017, 220, 1693-1700.	1.7	26
35	A comparative and evolutionary approach to oxidative stress in fish: A review. Fish and Fisheries, 2017, 18, 928-942.	5.3	246
36	If and when: intrinsic differences and environmental stressors influence migration in brown trout (<i>Salmo trutta</i>). Oecologia, 2017, 184, 375-384.	2.0	27

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37	Does coastal light pollution alter the nocturnal behavior and blood physiology of juvenile bonefish (<i>Albula vulpes</i>)?. <i>Bulletin of Marine Science</i> , 2017, 93, 491-505.	0.8	18
38	How experimental biology and ecology can support evidence-based decision-making in conservation: avoiding pitfalls and enabling application. , 2017, 5, cox043.		48
39	Adaptive management in the context of barriers in European freshwater ecosystems. <i>Journal of Environmental Management</i> , 2017, 204, 436-441.	7.8	38
40	30 years of data reveal dramatic increase in abundance of brown trout following the removal of a small hydrodam. <i>Journal of Environmental Management</i> , 2017, 204, 467-471.	7.8	21
41	Shining a light on the loss of rheophilic fish habitat in lowland rivers as a forgotten consequence of barriers, and its implications for management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 1345-1349.	2.0	61
42	Morphological, physiological and dietary covariation in migratory and resident adult brown trout (<i>Salmo trutta</i>)	1.2	6
43	Oxidative stress and partial migration in brown trout (<i>Salmo trutta</i>). <i>Canadian Journal of Zoology</i> , 2017, 95, 829-835.	1.0	13
44	Nutritional physiology and ecology of wildlife in a changing world. , 2017, 5, cox030.		91
45	Right whale poo: the key to conserving an endangered species?. , 2017, 5, cox063.		0
46	Conservation physiology can inform threat assessment and recovery planning processes for threatened species. <i>Endangered Species Research</i> , 2017, 32, 507-513.	2.4	10
47	Sublethal consequences of urban life for wild vertebrates. <i>Environmental Reviews</i> , 2016, 24, 416-425.	4.5	59
48	Energetic state and the continuum of migratory tactics in brown trout (<i>Salmo trutta</i>). <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 0, , 1-9.	1.4	4