Erika J Eliason

List of Publications by Year
in descending order

71	4,877	218677	144013
papers	citations	26 h-index	57 g-index

74	74	74	5067
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of thermal variation on the cardiac thermal limits of a eurythermal marine teleost (Girella) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	8
2	Elevating the impact of conservation physiology by building a community devoted to excellence, transparency, ethics, integrity and mutual respect. , 2022, 10, coac015.		1
3	Intraspecific variability in thermal tolerance: a case study with coastal cutthroat trout. , 2022, 10, .		12
4	Intraspecific variation in tolerance of warming in fishes. Journal of Fish Biology, 2021, 98, 1536-1555.	1.6	69
5	A brainâ€infecting parasite impacts host metabolism both during exposure and after infection is established. Functional Ecology, 2021, 35, 105-116.	3.6	20
6	Lifeâ€history strategies in salmonids: the role of physiology and its consequences. Biological Reviews, 2021, 96, 2304-2320.	10.4	21
7	Exceptionally high mortality of adult female salmon: a large-scale pattern and a conservation concern. Canadian Journal of Fisheries and Aquatic Sciences, 2021, 78, 639-654.	1.4	21
8	Diet mediates thermal performance traits: implications for marine ectotherms. Journal of Experimental Biology, 2021, 224, .	1.7	14
9	Adult Sockeye Salmon Gastrically Tagged Near Spawning Grounds Exhibit Lower Survival Rates throughout the Spawning Period than Externally Tagged Conspecifics. North American Journal of Fisheries Management, 2020, 40, 939-951.	1.0	1
10	Sex-specific differences in physiological recovery and short-term behaviour following fisheries capture in adult sockeye salmon (Oncorhynchus nerka). Canadian Journal of Fisheries and Aquatic Sciences, 2020, 77, 1749-1757.	1.4	13
11	Calibrating Environmental DNA Metabarcoding to Conventional Surveys for Measuring Fish Species Richness. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	74
12	Maxed Out: Optimizing Accuracy, Precision, and Power for Field Measures of Maximum Metabolic Rate in Fishes. Physiological and Biochemical Zoology, 2020, 93, 243-254.	1.5	27
13	Best practices for nonâ€lethal blood sampling of fish via the caudal vasculature. Journal of Fish Biology, 2020, 97, 4-15.	1.6	63
14	Reduced lactate dehydrogenase activity in the heart and suppressed sex hormone levels are associated with female-biased mortality during thermal stress in Pacific salmon. Journal of Experimental Biology, 2020, 223, .	1.7	6
15	Artificial light at night does not alter heart rate or locomotor behaviour in Caribbean spiny lobster (Panulirus argus): insights into light pollution and physiological disturbance using biologgers. , 2020, 8, coaa097.		6
16	Predatorâ€induced selection on urchin activity level depends on urchin body size. Ethology, 2019, 125, 716-723.	1.1	3
17	Cortisol modulates metabolism and energy mobilization in wild-caught pumpkinseed (Lepomis) Tj ETQq1 1 0.784314 rgBT /Overlock	2.3	18
18	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

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19	An appetite for invasion: digestive physiology, thermal performance, and food intake in lionfish (Pterois spp.). Journal of Experimental Biology, 2019, 222, .	1.7	21
20	Strong Evidence for an Intraspecific Metabolic Scaling Coefficient Near 0.89 in Fish. Frontiers in Physiology, 2019, 10, 1166.	2.8	54
21	ILTER â€“ The International Long-Term Ecological Research Network as a Platform for Global Coastal and Ocean Observation. Frontiers in Marine Science, 2019, 6, .	2.5	31
22	Exploring relationships between cardiovascular activity and parental care behavior in nesting smallmouth bass: A field study using heart rate biologgers. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 234, 18-27.	1.8	12
23	Simulated maternal stress reduces offspring aerobic swimming performance in Pacific salmon. , 2019, 7, coz095.		2
24	Emerging threats and persistent conservation challenges for freshwater biodiversity. Biological Reviews, 2019, 94, 849-873.	10.4	1,766
25	Cardiac SERCA activity in sockeye salmon populations: an adaptive response to migration conditions. Canadian Journal of Fisheries and Aquatic Sciences, 2019, 76, 1-5.	1.4	11
26	Shortâ€term Physiological Response Profiles of Tagged Migrating Adult Sockeye Salmon: A Comparison of Gastric Insertion and External Tagging Methods. Transactions of the American Fisheries Society, 2018, 147, 300-315.	1.4	15
27	Influence of supraphysiological cortisol manipulation on predator avoidance behaviors and physiological responses to a predation threat in a wild marine teleost fish. Integrative Zoology, 2018, 13, 206-218.	2.6	8
28	Physiological condition and migratory experience affect fitnessâ€related outcomes in adult female sockeye salmon. Ecology of Freshwater Fish, 2018, 27, 296-309.	1.4	22
29	Application of Miniature Heart Rate Data Loggers for Use in Large Free-Moving Decapod Crustaceans: Method Development and Validation. Physiological and Biochemical Zoology, 2018, 91, 731-739.	1.5	21
30	Bioenergetic consequences of warming rivers to adult Atlantic salmon Salmo salar during their spawning migration. Freshwater Biology, 2018, 63, 1381-1393.	2.4	27
31	Transcriptome profiles relate to migration fate in hatchery steelhead (Oncorhynchus mykiss) smolts. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 2053-2068.	1.4	7
32	Fitness component assessments of wild-type and growth hormone transgenic coho salmon reared in seawater mesocosms. Aquaculture, 2017, 473, 31-42.	3.5	6
33	An experimental evaluation of the role of the stress axis in mediating predator-prey interactions in wild marine fish. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 207, 21-29.	1.8	18
34	Activity syndromes and metabolism in giant deep-sea isopods. Deep-Sea Research Part I: Oceanographic Research Papers, 2017, 121, 237-244.	1.4	6
35	Temperature and the Cardiovascular System. Fish Physiology, 2017, 36, 235-297.	0.8	36
36	Intraspecific differences in endurance swim performance and cardiac size in sockeye salmon (Oncorhynchus nerka) parr tested at three temperatures. Canadian Journal of Zoology, 2017, 95, 425-432.	1.0	10

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37	The influence of water temperature on sockeye salmon heart rate recovery following simulated fisheries interactions. , 2017, 5, cox050.		36
38	Ecology of Exercise in Wild Fish: Integrating Concepts of Individual Physiological Capacity, Behavior, and Fitness Through Diverse Case Studies. Integrative and Comparative Biology, 2017, 57, 281-292.	2.0	32
39	Route-specific movements and survival during early marine migration of hatchery steelhead Oncorhynchus mykiss smolts in coastal British Columbia. Marine Ecology - Progress Series, 2017, 577, 131-147.	1.9	15
40	Physiological Basis of Climate Change Impacts on North American Inland Fishes. Fisheries, 2016, 41, 332-345.	0.8	129
41	Oxygen uptake in Pacific salmon Oncorhynchus spp.: when ecology and physiology meet. Journal of Fish Biology, 2016, 88, 359-388.	1.6	88
42	On the neglected cold side of climate change and what it means to fish. Climate Research, 2016, 69, 239-245.	1.1	30
43	Fishing for Effective Conservation: Context and Biotic Variation are Keys to Understanding the Survival of Pacific Salmon after Catch-and-Release. Integrative and Comparative Biology, 2015, 55, 554-576.	2.0	40
44	Facing warm temperatures during migration: cardiac <scp>mRNA</scp> responses of two adult Oncorhynchus nerka populations to warming and swimming challenges. Journal of Fish Biology, 2014, 84, 1439-1456.	1.6	18
45	Oxygen removal from water versus arterial oxygen delivery: calibrating the Fick equation in Pacific salmon. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2014, 184, 855-864.	1.5	23
46	Observable impairments predict mortality of captured and released sockeye salmon at various temperatures. , 2014, 2, cou029-cou029.		21
47	Effect of hypoxia on specific dynamic action and postprandial cardiovascular physiology in rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 171, 44-50.	1.8	32
48	Cardiorespiratory performance and blood chemistry during swimming and recovery in three populations of elite swimmers: Adult sockeye salmon. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 166, 385-397.	1.8	49
49	Low cardiac and aerobic scope in a coastal population of sockeye salmon Oncorhynchus nerka with a short upriver migration. Journal of Fish Biology, 2013, 82, 2104-2112.	1.6	49
50	Cardiorespiratory collapse at high temperature in swimming adult sockeye salmon. , 2013, 1, cot008-cot008.		104
51	Conservation physiology in practice: how physiological knowledge has improved our ability to sustainably manage Pacific salmon during up-river migration. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 1757-1769.	4.0	107
52	Consequences of high temperatures and premature mortality on the transcriptome and blood physiology of wild adult sockeye salmon (Oncorhynchus nerka). Ecology and Evolution, 2012, 2, 1747-1764.	1.9	92
53	Differences in Thermal Tolerance Among Sockeye Salmon Populations. Science, 2011, 332, 109-112.	12.6	733
54	Physiological impairment of adult sockeye salmon in fresh water after simulated capture-and-release across a range of temperatures. Fisheries Research, 2011, 112, 85-95.	1.7	60

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55	The effect of hepatic passage on postprandial plasma lipid profile of rainbow trout (Oncorhynchus) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	6
56	BILLFISHES ARE CLOSELY RELATED TO FLATFISH. Journal of Experimental Biology, 2010, 213, iv-iv.	1.7	0
57	LYMPHATICS ASSIST CIRCULATION DURING HYPOXIA. Journal of Experimental Biology, 2010, 213, iv-iv.	1.7	0
58	ALLIGATORS, LIKE BIRDS, BREATHE ONE WAY ONLY. Journal of Experimental Biology, 2010, 213, iv-iv.	1.7	1
59	GOBY STABILIZES UPWELLING ECOSYSTEM. Journal of Experimental Biology, 2010, 213, v-v.	1.7	1
60	FISH: THE GUTS OF THE CARBON CYCLE. Journal of Experimental Biology, 2009, 212, v-vi.	1.7	0
61	DIFFUSION INFLUENCES CELL DESIGN. Journal of Experimental Biology, 2009, 212, iv-iv.	1.7	0
62	SPERM FIND BIG EGGS BEST. Journal of Experimental Biology, 2009, 212, v-vi.	1.7	0
63	HOT FISH NEED BOXER BRIEFS. Journal of Experimental Biology, 2009, 212, iv-iv.	1.7	0
64	Fish cardiorespiratory physiology in an era of climate changeThe present review is one of a series of occasional review articles that have been invited by the Editors and will feature the broad range of disciplines and expertise represented in our Editorial Advisory Board.. Canadian Journal of Zoology, 2009, 87, 835-851.	1.0	176
65	Calibration of a handâ€held haemoglobin analyser for use on fish blood. Journal of Fish Biology, 2008, 73, 2587-2595.	1.6	82
66	Postprandial gastrointestinal blood flow, oxygen consumption and heart rate in rainbow trout (Oncorhynchus mykiss). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 149, 380-388.	1.8	66
67	The effect of acute temperature increases on the cardiorespiratory performance of resting and swimming sockeye salmon (Oncorhynchus nerka). Journal of Experimental Biology, 2008, 211, 3915-3926.	1.7	229
68	Effect of isoenergetic diets with different protein and lipid content on the growth performance and heat increment of rainbow trout. Aquaculture, 2007, 272, 723-736.	3.5	42
69	Validation of the hepatic portal vein cannulation technique using Atlantic salmon Salmo salar L.. Journal of Fish Biology, 2007, 71, 290-297.	1.6	27
70	Postprandial changes in plasma free amino acid levels obtained simultaneously from the hepatic portal vein and the dorsal aorta in rainbow trout (Oncorhynchus mykiss). Journal of Experimental Biology, 2006, 209, 4885-4894.	1.7	71
71	Teaching Post-Secondary Students in Ecology and Evolution: Strategies for Early-Career Researchers. Ideas in Ecology and Evolution, 0, 13, .	0.1	1