

John Fleng Steffensen

List of Publications by Year in descending order

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159
papers

7,965
citations

46918

47
h-index

62479

80
g-index

167
all docs

167
docs citations

167
times ranked

5404
citing authors

#	ARTICLE	IF	CITATIONS
1	Some errors in respirometry of aquatic breathers: How to avoid and correct for them. <i>Fish Physiology and Biochemistry</i> , 1989, 6, 49-59.	0.9	508
2	The determination of standard metabolic rate in fishes. <i>Journal of Fish Biology</i> , 2016, 88, 81-121.	0.7	452
3	Eye lens radiocarbon reveals centuries of longevity in the Greenland shark (<i>Somniosus</i>). <i>Journal of Fish Biology</i> , 2016, 88, 122-131.	6.0	283
4	Design and setup of intermittent flow respirometry system for aquatic organisms. <i>Journal of Fish Biology</i> , 2016, 88, 26-50.	0.7	256
5	Energy savings in sea bass swimming in a school: measurements of tail beat frequency and oxygen consumption at different swimming speeds. <i>Journal of Fish Biology</i> , 1998, 53, 366-376.	0.7	221
6	Effects of temperature, hypoxia and activity on the metabolism of juvenile Atlantic cod. <i>Journal of Fish Biology</i> , 1997, 50, 1166-1180.	0.7	215
7	Fish swimming in schools save energy regardless of their spatial position. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 219-226.	0.6	195
8	The response of Atlantic cod, <i>Gadus morhua</i> , to progressive hypoxia: fish swimming speed and physiological stress. <i>Marine Biology</i> , 2005, 147, 1403-1412.	0.7	158
9	Oxygen consumption in four species of teleosts from Greenland: no evidence of metabolic cold adaptation. <i>Polar Biology</i> , 1994, 14, 49.	0.5	152
10	Energetics of median and paired fin swimming, body and caudal fin swimming, and gait transition in parrotfish (<i>Scarus schlegelii</i>) and triggerfish (<i>Rhinecanthus aculeatus</i>). <i>Journal of Experimental Biology</i> , 2002, 205, 1253-1263.	0.8	152
11	Aerobic capacity influences the spatial position of individuals within fish schools. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 357-364.	1.2	147
12	An automated swimming respirometer. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1984, 79, 437-440.	0.7	145
13	Effects of Ration Size and Hypoxia on Specific Dynamic Action in the Cod. <i>Physiological and Biochemical Zoology</i> , 2007, 80, 178-185.	0.6	118
14	Intra-school positional preference and reduced tail beat frequency in trailing positions in schooling roach under experimental conditions. <i>Journal of Fish Biology</i> , 2003, 62, 834-846.	0.7	112
15	Hypoxia-induced metastasis model in embryonic zebrafish. <i>Nature Protocols</i> , 2010, 5, 1911-1918.	5.5	109
16	Preferred temperature of juvenile Atlantic cod <i>Gadus morhua</i> with different haemoglobin genotypes at normoxia and moderate hypoxia. <i>Journal of Experimental Biology</i> , 2003, 206, 359-364.	0.8	108
17	Lethal oxygen levels at different temperatures and the preferred temperature during hypoxia of the Atlantic cod, <i>Gadus morhua</i> L.. <i>Journal of Fish Biology</i> , 1992, 41, 927-934.	0.7	101
18	Energetics of median and paired fin swimming, body and caudal fin swimming, and gait transition in parrotfish (<i>Scarus schlegelii</i>) and triggerfish (<i>Rhinecanthus aculeatus</i>). <i>Journal of Experimental Biology</i> , 2002, 205, 1253-63.	0.8	99

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19	An analysis of the energetic cost of the branchial and cardiac pumps during sustained swimming in trout. <i>Fish Physiology and Biochemistry</i> , 1987, 4, 73-79.	0.9	89
20	Tail beat frequency as a predictor of swimming speed and oxygen consumption of saithe (<i>Pollachius Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i> 197-204.	0.7	89
21	Conservation physiology of marine fishes: state of the art and prospects for policy. , 2016, 4, cow046.		89
22	Effects of growth hormone transgenesis on metabolic rate, exercise performance and hypoxia tolerance in tilapia hybrids. <i>Journal of Fish Biology</i> , 2003, 63, 398-409.	0.7	86
23	Proto-cooperation: group hunting sailfish improve hunting success by alternating attacks on grouping prey. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20161671.	1.2	85
24	Gill ventilation and O ₂ extraction during graded hypoxia in two ecologically distinct species of flatfish, the flounder (<i>Platichthys flesus</i>) and the plaice (<i>Pleuronectes platessa</i>). <i>Environmental Biology of Fishes</i> , 1982, 7, 157-163.	0.4	84
25	Distribution and feeding ecology of the Greenland shark (<i>Somniosus microcephalus</i>) in Greenland waters. <i>Polar Biology</i> , 2014, 37, 37-46.	0.5	82
26	Partition of aerobic and anaerobic swimming costs related to gait transitions in a labriform swimmer. <i>Journal of Experimental Biology</i> , 2010, 213, 2177-2183.	0.8	80
27	Adapt, move or die – how will tropical coral reef fishes cope with ocean warming?. <i>Global Change Biology</i> , 2017, 23, 566-577.	4.2	79
28	Accelerometer tags: detecting and identifying activities in fish and the effect of sampling frequency. <i>Journal of Experimental Biology</i> , 2012, 216, 1255-64.	0.8	77
29	Hypoxia-induced retinopathy model in adult zebrafish. <i>Nature Protocols</i> , 2010, 5, 1903-1910.	5.5	76
30	Sources of variation in oxygen consumption of aquatic animals demonstrated by simulated constant oxygen consumption and respirometers of different sizes. <i>Journal of Fish Biology</i> , 2016, 88, 51-64.	0.7	75
31	Excess posthypoxic oxygen consumption in rainbow trout (<i>Oncorhynchus mykiss</i>): recovery in normoxia and hypoxia. <i>Canadian Journal of Zoology</i> , 2012, 90, 1-11.	0.4	70
32	Protein synthesis, growth and energetics in larval herring (<i>Clupea harengus</i>) at different feeding regimes. <i>Fish Physiology and Biochemistry</i> , 1995, 14, 195-208.	0.9	68
33	Swimming Performance, Venous Oxygen Tension and Cardiac Performance of Coronary-Ligated Rainbow Trout, <i>Oncorhynchus mykiss</i> , Exposed to Progressive Hypoxia. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1998, 119, 585-592.	0.8	68
34	Exercise metabolism in two species of cod in arctic waters. <i>Polar Biology</i> , 1994, 14, 43.	0.5	67
35	Tolerance of chronic hypercapnia by the European eel <i>Anguilla anguilla</i> . <i>Journal of Experimental Biology</i> , 2003, 206, 1717-1726.	0.8	65
36	The Transition Between Branchial Pumping and Ram Ventilation in Fishes: Energetic Consequences and Dependence on Water Oxygen Tension. <i>Journal of Experimental Biology</i> , 1985, 114, 141-150.	0.8	65

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37	Muscle Dynamics in Fish During Steady Swimming. <i>American Zoologist</i> , 1998, 38, 755-770.	0.7	64
38	Metabolic cold adaptation of polar fish based on measurements of aerobic oxygen consumption: fact or artefact? <i>Artefact!</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2002, 132, 789-795.	0.8	64
39	How sailfish use their bills to capture schooling prey. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140444.	1.2	59
40	Coronary ligation reduces maximum sustained swimming speed in chinook salmon, <i>Oncorhynchus tshawytscha</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1987, 87, 35-37.	0.7	54
41	The effect of progressive hypoxia on school structure and dynamics in Atlantic herring <i>Clupea harengus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2002, 269, 2103-2111.	1.2	54
42	Excess post-hypoxic oxygen consumption is independent from lactate accumulation in two cyprinid fishes. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2013, 165, 54-60.	0.8	53
43	Pop Up Satellite Tags Impair Swimming Performance and Energetics of the European Eel (<i>Anguilla</i>) <i>Tj ETQq1 1 0.784314 rgBT/Overlook</i>	1.1	53
44	Thermal optimum for pikeperch (<i>Sander lucioperca</i>) and the use of ventilation frequency as a predictor of metabolic rate. <i>Aquaculture</i> , 2012, 324-325, 151-157.	1.7	52
45	Control of red cell volume and pH in trout: Effects of isoproterenol, transport inhibitors, and extracellular pH in bicarbonate/carbon dioxide-buffered media. <i>The Journal of Experimental Zoology</i> , 1987, 242, 273-281.	1.4	51
46	Effects of diet on spontaneous locomotor activity and oxygen consumption in Adriatic sturgeon (<i>Acipenser naccarii</i>). <i>Fish Physiology and Biochemistry</i> , 1995, 14, 341-355.	0.9	51
47	Nitric oxide permits hypoxia-induced lymphatic perfusion by controlling arterial-lymphatic conduits in zebrafish and glass catfish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18408-18413.	3.3	51
48	Kinematics and energetic benefits of schooling in the labriform fish, striped surfperch <i>Embiotoca lateralis</i> . <i>Marine Ecology - Progress Series</i> , 2010, 420, 221-229.	0.9	50
49	The effect of temperature and body size on metabolic scope of activity in juvenile Atlantic cod <i>Gadus morhua</i> L.. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 179, 89-94.	0.8	49
50	<i>In vivo</i> Observations on a Specialized Microvasculature, the Primary and Secondary Vessels in Fishes. <i>Acta Zoologica</i> , 1986, 67, 193-200.	0.6	48
51	The effect of hypoxia on behavioural and physiological aspects of lesser sandeel, <i>Ammodytes tobianus</i> (Linnaeus, 1785). <i>Marine Biology</i> , 2007, 150, 1365-1377.	0.7	48
52	The Evolution of Lateralization in Group Hunting Sailfish. <i>Current Biology</i> , 2017, 27, 521-526.	1.8	48
53	Increases in arterial blood oxygen during exercise in the lemon shark (<i>Negaprion brevirostris</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1982, 147, 41-47.	0.7	47
54	Critical threshold size for overwintering sandeels (<i>Ammodytes marinus</i>). <i>Marine Biology</i> , 2011, 158, 2755-2764.	0.7	47

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55	The Secondary Vascular System. <i>Fish Physiology</i> , 1992, , 185-217.	0.2	46
56	Torpor in Three Species of Brazilian Hummingbirds under Semi-Natural Conditions. <i>Condor</i> , 1997, 99, 780-788.	0.7	46
57	The hypoxia avoidance behaviour of juvenile Atlantic cod (<i>Gadus morhua</i> L.) depends on the provision and pressure level of an O ₂ refuge. <i>Marine Biology</i> , 2011, 158, 737-746.	0.7	46
58	Conservation physiology of marine fishes: advancing the predictive capacity of models. <i>Biology Letters</i> , 2012, 8, 900-903.	1.0	43
59	Oxygen dynamics around buried lesser sandeels <i>Ammodytes tobianus</i> (Linnaeus 1785): mode of ventilation and oxygen requirements. <i>Journal of Experimental Biology</i> , 2007, 210, 1006-1014.	0.8	42
60	The effect of hypoxia on fish schooling. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160236.	1.8	41
61	Effects of temperature on specific dynamic action in Atlantic cod <i>Gadus morhua</i> . <i>Fish Physiology and Biochemistry</i> , 2015, 41, 41-50.	0.9	39
62	The Greenland shark: A new challenge for the oxidative stress theory of ageing?. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 203, 227-232.	0.8	38
63	Greenland Shark (<i>Somniosus microcephalus</i>) Stomach Contents and Stable Isotope Values Reveal an Ontogenetic Dietary Shift. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	38
64	The relative importance of skin oxygen uptake in the naturally buried plaice, <i>pleuronectes platessa</i> , exposed to graded hypoxia. <i>Respiration Physiology</i> , 1981, 44, 269-275.	2.8	37
65	Ventilation and oxygen consumption in the hagfish, <i>Myxine glutinosa</i> L.. <i>Journal of Experimental Marine Biology and Ecology</i> , 1984, 84, 173-178.	0.7	36
66	Swimming energetics of the Barents Sea capelin (<i>Mallotus villosus</i>) during the spawning migration period. <i>Journal of Experimental Marine Biology and Ecology</i> , 2006, 331, 208-216.	0.7	36
67	Swimming alters responses to hypoxia in the Adriatic sturgeon <i>Acipenser naccarii</i> . <i>Journal of Fish Biology</i> , 2007, 70, 651-658.	0.7	36
68	Title is missing!. <i>Fish Physiology and Biochemistry</i> , 2000, 22, 281-296.	0.9	35
69	Unsteady flow affects swimming energetics in a labriform fish (<i>Cymatogaster aggregata</i>). <i>Journal of Experimental Biology</i> , 2014, 217, 414-22.	0.8	35
70	Effect of closed <i>v</i> . intermittent flow respirometry on hypoxia tolerance in the shiner perch <i>Cymatogaster aggregata</i> . <i>Journal of Fish Biology</i> , 2016, 88, 252-264.	0.7	34
71	Oxygen consumption of East Siberian cod: no support for the metabolic cold adaptation theory. <i>Journal of Fish Biology</i> , 2001, 59, 818-823.	0.7	33
72	Not So Fast: Swimming Behavior of Sailfish during Predator–Prey Interactions using High-Speed Video and Accelerometry. <i>Integrative and Comparative Biology</i> , 2015, 55, 719-727.	0.9	33

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73	Prolonged SDA and reduced digestive efficiency under elevated CO ₂ may explain reduced growth in Atlantic cod (<i>Gadus morhua</i>). <i>Aquatic Toxicology</i> , 2015, 158, 171-180.	1.9	33
74	Phylogenetic position of the cryopelagic codfish genus <i>Arctogadus</i> Drjagin, 1932 based on partial mitochondrial cytochrome b sequences. <i>Polar Biology</i> , 2002, 25, 342-349.	0.5	32
75	Abolition of reflex bradycardia by cardiac vagotomy has no effect on the regulation of oxygen uptake by Atlantic cod in progressive hypoxia. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2009, 153, 332-338.	0.8	32
76	Energetic Extremes in Aquatic Locomotion by Coral Reef Fishes. <i>PLoS ONE</i> , 2013, 8, e54033.	1.1	32
77	Laser Speckle Contrast Imaging for Monitoring Changes in Microvascular Blood Flow. <i>European Surgical Research</i> , 2016, 56, 87-96.	0.6	32
78	Tolerance of acute hypercapnic acidosis by the European eel (<i>Anguilla anguilla</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2002, 172, 339-346.	0.7	31
79	The effect of external dummy transmitters on oxygen consumption and performance of swimming Atlantic cod. <i>Journal of Fish Biology</i> , 2006, 69, 951-956.	0.7	31
80	The effects of swimming pattern on the energy use of gilthead seabream (<i>Sparus aurata</i> L.). <i>Marine and Freshwater Behaviour and Physiology</i> , 2010, 43, 227-241.	0.4	31
81	The effects of temperature on specific dynamic action and ammonia excretion in pikeperch (<i>Sander</i>) Tj ETQq1 1 0.784314 rgBT /Over 1.7 31	0.7	31
82	The combined effect of body size and temperature on oxygen consumption rates and the size-dependency of preferred temperature in European perch <i>Perca fluviatilis</i> . <i>Journal of Fish Biology</i> , 2020, 97, 794-803.	0.7	31
83	The behavioural and physiological response of Atlantic cod <i>Gadus morhua</i> L. to short-term acute hypoxia. <i>Journal of Fish Biology</i> , 2006, 68, 1918-1924.	0.7	30
84	Gait transition and oxygen consumption in swimming striped surfperch <i>Embiotoca lateralis</i> Agassiz. <i>Journal of Fish Biology</i> , 2006, 69, 1612-1625.	0.7	30
85	Excess post-hypoxic oxygen consumption in Atlantic cod <i>Gadus morhua</i> . <i>Journal of Fish Biology</i> , 2013, 83, 396-403.	0.7	30
86	Effects of intraspecific variation in reproductive traits, pectoral fin use and burst swimming on metabolic rates and swimming performance: a study on the Trinidadian guppy (<i>Poecilia reticulata</i>) Tj ETQq0 0 0 rgBT. /Overload 10 Tf 50	0.7	30
87	Local Adaptation to Altitude Underlies Divergent Thermal Physiology in Tropical Killifishes of the Genus <i>Aphyosemion</i> . <i>PLoS ONE</i> , 2013, 8, e54345.	1.1	29
88	Too hot to handle? Using movement to alleviate effects of elevated temperatures in a benthic elasmobranch, <i>Hemiscyllium ocellatum</i> . <i>Marine Biology</i> , 2018, 165, 1.	0.7	29
89	Hypoxia increases the behavioural activity of schooling herring: a response to physiological stress or respiratory distress?. <i>Marine Biology</i> , 2006, 149, 1217-1225.	0.7	28
90	Respiratory Systems and Metabolic Rates. <i>Fish Physiology</i> , 2005, 22, 203-238.	0.2	27

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91	The contribution of air breathing to aerobic scope and exercise performance in the banded knifefish <i>Gymnotus carapo</i> L. <i>Journal of Experimental Biology</i> , 2012, 215, 1323-1330.	0.8	27
92	Intraspecific variation in aerobic and anaerobic locomotion: gilthead sea bream (<i>Sparus aurata</i>) and Trinidadian guppy (<i>Poecilia reticulata</i>) do not exhibit a trade-off between maximum sustained swimming speed and minimum cost of transport. <i>Frontiers in Physiology</i> , 2015, 6, 43.	1.3	27
93	Dermal Denticles of Three Slowly Swimming Shark Species: Microscopy and Flow Visualization. <i>Biomimetics</i> , 2019, 4, 38.	1.5	27
94	Cutaneous oxygen uptake and its relation to skin blood perfusion and ambient salinity in the plaice, <i>Pleuronectes platessa</i> . <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1985, 81, 373-375.	0.7	26
95	Function and control of the fish secondary vascular system, a contrast to mammalian lymphatic systems. <i>Journal of Experimental Biology</i> , 2014, 217, 751-7.	0.8	26
96	Blood pressure in the Greenland shark as estimated from ventral aortic elasticity. <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	26
97	Effects of Harmful Algal Blooms on Fish: Insights from <i>Prymnesium parvum</i> . <i>Fishes</i> , 2018, 3, 11.	0.7	25
98	Does fish from the Disko Bay area of Greenland possess antifreeze proteins during the summer?. <i>Polar Biology</i> , 2003, 26, 365-370.	0.5	24
99	Behavioural thermoregulation in a temperature-sensitive coral reef fish, the five-lined cardinalfish (<i>Cheilodipterus quinquelineatus</i>). <i>Coral Reefs</i> , 2015, 34, 1261-1265.	0.9	24
100	Advancing Research for the Management of Long-Lived Species: A Case Study on the Greenland Shark. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	24
101	Physiological mechanisms underlying individual variation in tolerance of food deprivation in juvenile European sea bass, <i>Dicentrarchus labrax</i> . <i>Journal of Experimental Biology</i> , 2014, 217, 3283-3292.	0.8	23
102	Partitioning the metabolic scope: the importance of anaerobic metabolism and implications for the oxygen- and capacity-limited thermal tolerance (OCLTT) hypothesis. , 2016, 4, cow019.		22
103	Effects of maternal stress coping style on offspring characteristics in rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overl 1.0 21		
104	Pectoral fin beat frequency predicts oxygen consumption during spontaneous activity in a labriform swimming fish (<i>Embiotoca lateralis</i>). <i>Environmental Biology of Fishes</i> , 2009, 84, 121-127.	0.4	20
105	Intussusceptive Vascular Remodeling Precedes Pathological Neovascularization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1402-1418.	1.1	20
106	The Arctic and Antarctic Polar Marine Environments. <i>Fish Physiology</i> , 2005, 22, 1-24.	0.2	19
107	The blood volumes of the primary and secondary circulatory system in the Atlantic cod <i>Gadus morhua</i> L., using plasma bound Evans Blue and compartmental analysis. <i>Journal of Experimental Biology</i> , 2003, 206, 591-599.	0.8	18
108	Effect of moderate hypoxia at three acclimation temperatures on stress responses in Atlantic cod with different haemoglobin types. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2010, 156, 485-490.	0.8	18

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109	Hypercapnia adversely affects postprandial metabolism in the European eel (<i>Anguilla anguilla</i>). <i>Aquaculture</i> , 2013, 416-417, 166-172.	1.7	18
110	Maximum swimming speeds of sailfish and three other large marine predatory fish species based on muscle contraction time and stride length: a myth revisited. <i>Biology Open</i> , 2016, 5, 1415-1419.	0.6	18
111	Optimum temperature of a northern population of Arctic charr (<i>Salvelinus alpinus</i>) using heart rate Arrhenius breakpoint analysis. <i>Polar Biology</i> , 2017, 40, 1063-1070.	0.5	18
112	Growth of Atlantic cod (<i>Gadus morhua</i> L.) with different haemoglobin subtypes when kept near their temperature preferenda. <i>Aquaculture</i> , 2006, 257, 44-52.	1.7	17
113	Severe hypoxia impairs lateralization in a marine teleost fish. <i>Journal of Experimental Biology</i> , 2014, 217, 4115-8.	0.8	17
114	Winter temperatures decrease swimming performance and limit distributions of tropical damselfishes. , 2015, 3, cov039.		17
115	Effects of salinity on swimming performance and oxygen consumption rate of shiner perch <i>Cymatogaster aggregata</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2018, 504, 32-37.	0.7	16
116	Regulate or tolerate: Thermal strategy of a coral reef flat resident, the epaulette shark, <i>Hemiscyllium ocellatum</i> . <i>Journal of Fish Biology</i> , 2021, 98, 723-732.	0.7	16
117	Whole Bloodâ€™Oxygen Binding Properties of Four Coldâ€™Temperate Marine Fishes: Blood Affinity Is Independent of pHâ€™Dependent Binding, Routine Swimming Performance, and Environmental Hypoxia. <i>Physiological and Biochemical Zoology</i> , 2006, 79, 909-918.	0.6	15
118	Differential occurrence of immune cells in the primary and secondary vascular systems in rainbow trout, <i>Oncorhynchus mykiss</i> (<i>Walbaum</i>). <i>Journal of Fish Diseases</i> , 2013, 36, 675-679.	0.9	15
119	Maximum salinity tolerance and osmoregulatory capabilities of European perch <i>Perca fluviatilis</i> populations originating from different salinity habitats. , 2019, 7, coz004.		15
120	Embryonic suckling and maternal specializations in the live-bearing teleost <i>Zoarces viviparus</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 395, 120-127.	0.7	14
121	The accuracy and limitations of a new meter used to measure aqueous carbon dioxide. <i>Aquacultural Engineering</i> , 2010, 43, 101-107.	1.4	14
122	Primary versus secondary drivers of foraging activity in sandeel schools (<i>Ammodytes tobianus</i>). <i>Marine Biology</i> , 2011, 158, 1781-1789.	0.7	14
123	Intra-Specific Difference in the Effect of Salinity on Physiological Performance in European Perch (<i>Perca fluviatilis</i>) and Its Ecological Importance for Fish in Estuaries. <i>Biology</i> , 2019, 8, 89.	1.3	14
124	Accelerometer tags: detecting and identifying activities in fish and the effect of sampling frequency. <i>Journal of Experimental Biology</i> , 2013, 216, 1522-1522.	0.8	13
125	Assessing the reproductive biology of the Greenland shark (<i>Somniosus microcephalus</i>). <i>PLoS ONE</i> , 2020, 15, e0238986.	1.1	13
126	A Novel Acoustic Dissolved Oxygen Transmitter for Fish Telemetry. <i>Marine Technology Society Journal</i> , 2006, 40, 103-108.	0.3	12

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127	The response of striped surfperch <i>Embiotoca lateralis</i> to progressive hypoxia: Swimming activity, shoal structure, and estimated metabolic expenditure. <i>Journal of Experimental Marine Biology and Ecology</i> , 2014, 460, 162-169.	0.7	12
128	Fast-starting after a breath: air-breathing motions are kinematically similar to escape responses in the catfish <i>Hoplosternum littorale</i> . <i>Biology Open</i> , 2015, 4, 79-85.	0.6	12
129	Habitat complexity influences selection of thermal environment in a common coral reef fish. , 2020, 8, coaa070.		12
130	The parasite fauna of <i>Arctogadus glacialis</i> (Peters) (Gadidae) from western and eastern Greenland. <i>Polar Biology</i> , 2008, 31, 1017-1021.	0.5	10
131	The role of adrenaline as a modulator of cardiac performance in two Antarctic fishes. <i>Polar Biology</i> , 2009, 32, 215-223.	0.5	10
132	Swimming in unsteady water flows: is turning in a changing flow an energetically expensive endeavor for fish?. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	10
133	The temperature challenges on cardiac performance in winter-quiescent and migration-stage eels <i>Anguilla anguilla</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, 66-73.	0.8	8
134	Turbulent flow reduces oxygen consumption in the labriform swimming shiner perch, <i>Cymatogaster aggregata</i> . <i>Journal of Experimental Biology</i> , 2018, 221, .	0.8	7
135	Respiratory Physiology of European Plaice (<i>Pleuronectes platessa</i>) Exposed to <i>Prymnesium parvum</i> . <i>Fishes</i> , 2019, 4, 32.	0.7	7
136	Shuttle-box systems for studying preferred environmental ranges by aquatic animals. , 2021, 9, coab028.		7
137	Vascular Arrangement and Ultrastructure of the European Eelpout <i>Zoarces viviparus</i> Ovary: Implications for Maternal–Embryonic Exchange. <i>Anatomical Record</i> , 2007, 290, 1500-1507.	0.8	6
138	Influence of moderate and severe hypoxia on the diurnal activity pattern of lesser sandeel <i>Ammodytes tobianus</i> . <i>Journal of Fish Biology</i> , 2010, 77, 538-551.	0.7	6
139	Escape performance in three teleosts from West Greenland. <i>Polar Biology</i> , 2005, 28, 164-167.	0.5	5
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