John Fleng Steffensen

List of Publications by Year
in descending order

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159	7,965	46918	62479
papers	citations	47 h-index	80 g-index

167	167	167	5404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Escaping from multiple visual threats: modulation of escape responses in Pacific staghorn sculpin (Leptocottus armatus). Journal of Experimental Biology, 2022, 225, .	0.8	1
2	Regulate or tolerate: Thermal strategy of a coral reef flat resident, the epaulette shark, <scp>Hemiscyllium ocellatum</scp>. Journal of Fish Biology, 2021, 98, 723-732.	0.7	16
3	Shuttle-box systems for studying preferred environmental ranges by aquatic animals. , 2021, 9, coab028.		7
4	Latency of mechanically stimulated escape responses in the Pacific spiny dogfish, Squalus suckleyi. Journal of Experimental Biology, 2021, 224, .	0.8	2
5	Species interactions alter the selection of thermal environment in a coral reef fish. Oecologia, 2021, 196, 363-371.	0.9	5
6	Physiological traits of the Greenland sharkSomniosus microcephalusobtained during the TUNU-Expeditions to Northeast Greenland. , 2020, , 11-41.		0
7	Assessing the reproductive biology of the Greenland shark (Somniosus microcephalus). PLoS ONE, 2020, 15, e0238986.	1.1	13
8	Habitat complexity influences selection of thermal environment in a common coral reef fish. , 2020, 8, coaa070.		12
9	Bidirectional cyclical flows increase energetic costs of station holding for a labriform swimming fish, Cymatogaster aggregata. , 2020, 8, coaa077.		2
10	Oil gland and oil pores in billfishes: in search of a function. Journal of Experimental Biology, 2020, 223, .	0.8	3
11	The combined effect of body size and temperature on oxygen consumption rates and the sizeâ€dependency of preferred temperature in European perch Perca fluviatilis. Journal of Fish Biology, 2020, 97, 794-803.	0.7	31
12	Swimming in unsteady water flows: is turning in a changing flow an energetically expensive endeavor for fish?. Journal of Experimental Biology, 2020, 223, .	0.8	10
13	Excess postexercise oxygen consumption decreases with swimming duration in a labriform fish: Integrating aerobic and anaerobic metabolism across time. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2019, 331, 577-586.	0.9	3
14	Intussusceptive Vascular Remodeling Precedes Pathological Neovascularization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1402-1418.	1.1	20
15	Dermal Denticles of Three Slowly Swimming Shark Species: Microscopy and Flow Visualization. Biomimetics, 2019, 4, 38.	1.5	27
16	Respiratory Physiology of European Plaice (Pleuronectes platessa) Exposed to Prymnesium parvum. Fishes, 2019, 4, 32.	0.7	7
17	Greenland Shark (Somniosus microcephalus) Stomach Contents and Stable Isotope Values Reveal an Ontogenetic Dietary Shift. Frontiers in Marine Science, 2019, 6, .	1.2	38
18	Maximum salinity tolerance and osmoregulatory capabilities of European perchPerca fluviatilispopulations originating from different salinity habitats. , 2019, 7, coz004.		15

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19	Advancing Research for the Management of Long-Lived Species: A Case Study on the Greenland Shark. Frontiers in Marine Science, 2019, 6, .	1.2	24
20	Intra-Specific Difference in the Effect of Salinity on Physiological Performance in European Perch (Perca fluviatilis) and Its Ecological Importance for Fish in Estuaries. Biology, 2019, 8, 89.	1.3	14
21	Are all bony fishes oxygen regulators? Evidence for oxygen regulation in a putative oxygen conformer, the swamp eel Synbranchus marmoratus. Journal of Fish Biology, 2019, 94, 178-182.	0.7	5
22	Effects of salinity on swimming performance and oxygen consumption rate of shiner perch Cymatogaster aggregata. Journal of Experimental Marine Biology and Ecology, 2018, 504, 32-37.	0.7	16
23	Turbulent flow reduces oxygen consumption in the labriform swimming shiner perch, Cymatogaster aggregata. Journal of Experimental Biology, 2018, 221, .	0.8	7
24	Too hot to handle? Using movement to alleviate effects of elevated temperatures in a benthic elasmobranch, Hemiscyllium ocellatum. Marine Biology, 2018, 165, 1.	0.7	29
25	Blood pressure in the Greenland shark as estimated from ventral aortic elasticity. Journal of Experimental Biology, 2018, 221, .	0.8	26
26	The emergence emergency: A mudskipper's response to temperatures. Journal of Thermal Biology, 2018, 78, 65-72.	1.1	2
27	Effects of Harmful Algal Blooms on Fish: Insights from Prymnesium parvum. Fishes, 2018, 3, 11.	0.7	25
28	The Evolution of Lateralization in Group Hunting Sailfish. Current Biology, 2017, 27, 521-526.	1.8	48
29	To scale or not to scale: a perspective on describing fish energy budgeting. , 2017, 5, .		2
30	The effect of hypoxia on fish schooling. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160236.	1.8	41
31	Optimum temperature of a northern population of Arctic charr (Salvelinus alpinus) using heart rate Arrhenius breakpoint analysis. Polar Biology, 2017, 40, 1063-1070.	0.5	18
32	Adapt, move or die â€“ how will tropical coral reef fishes cope with ocean warming?. Global Change Biology, 2017, 23, 566-577.	4.2	79
33	The Greenland shark: A new challenge for the oxidative stress theory of ageing?. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 203, 227-232.	0.8	38
34	Characterization of the functional and anatomical differences in the atrial and ventricular myocardium from three species of elasmobranch fishes: smooth dogfish (Mustelus canis), sandbar shark (Carcharhinus plumbeus), and clearnose skate (Raja eglanteria). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 291-313.	0.7	5
35	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
36	Sources of variation in oxygen consumption of aquatic animals demonstrated by simulated constant oxygen consumption and respirometers of different sizes. Journal of Fish Biology, 2016, 88, 51-64.	0.7	75

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37	The determination of standard metabolic rate in fishes. Journal of Fish Biology, 2016, 88, 81-121.	0.7	452
38	Design and setup of intermittentâ€flow respirometry system for aquatic organisms. Journal of Fish Biology, 2016, 88, 26-50.	0.7	256
39	Effect of closed v. intermittentâ€flow respirometry on hypoxia tolerance in the shiner perch Cymatogaster aggregata. Journal of Fish Biology, 2016, 88, 252-264.	0.7	34
40	Eye lens radiocarbon reveals centuries of longevity in the Greenland shark (Somniosus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	6.0	283
41	Maximum swimming speeds of sailfish and three other large marine predatory fish species based on muscle contraction time and stride length: a myth revisited. Biology Open, 2016, 5, 1415-1419.	0.6	18
42	Conservation physiology of marine fishes: state of the art and prospects for policy. , 2016, 4, cow046.		89
43	Proto-cooperation: group hunting sailfish improve hunting success by alternating attacks on grouping prey. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161671.	1.2	85
44	Laser Speckle Contrast Imaging for Monitoring Changes in Microvascular Blood Flow. European Surgical Research, 2016, 56, 87-96.	0.6	32
45	Winter temperatures decrease swimming performance and limit distributions of tropical damselfishes. , 2015, 3, cov039.		17
46	Effects of temperature on specific dynamic action in Atlantic cod Gadus morhua. Fish Physiology and Biochemistry, 2015, 41, 41-50.	0.9	39
47	Fast-starting after a breath: air-breathing motions are kinematically similar to escape responses in the catfish Hoplosternum littorale. Biology Open, 2015, 4, 79-85.	0.6	12
48	Intraspecific variation in aerobic and anaerobic locomotion: gilthead sea bream (Sparus aurata) and Trinidadian guppy (Poecilia reticulata) do not exhibit a trade-off between maximum sustained swimming speed and minimum cost of transport. Frontiers in Physiology, 2015, 6, 43.	1.3	27
49	Not So Fast: Swimming Behavior of Sailfish during Predatorâ€"Prey Interactions using High-Speed Video and Accelerometry. Integrative and Comparative Biology, 2015, 55, 719-727.	0.9	33
50	Behavioural thermoregulation in a temperature-sensitive coral reef fish, the five-lined cardinalfish (Cheilodipterus quinquelineatus). Coral Reefs, 2015, 34, 1261-1265.	0.9	24
51	Prolonged SDA and reduced digestive efficiency under elevated CO2 may explain reduced growth in Atlantic cod (Gadus morhua). Aquatic Toxicology, 2015, 158, 171-180.	1.9	33
52	Fish swimming in schools save energy regardless of their spatial position. Behavioral Ecology and Sociobiology, 2015, 69, 219-226.	0.6	195
53	The effect of temperature and body size on metabolic scope of activity in juvenile Atlantic cod Gadus morhua L.. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2015, 179, 89-94.	0.8	49
54	Unsteady flow affects swimming energetics in a labriform fish (Cymatogaster aggregata). Journal of Experimental Biology, 2014, 217, 414-22.	0.8	35

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55	Function and control of the fish secondary vascular system, a contrast to mammalian lymphatic systems. Journal of Experimental Biology, 2014, 217, 751-7.	0.8	26
56	Physiological mechanisms underlying individual variation in tolerance of food deprivation in juvenile European sea bass, Dicentrarchus labrax. Journal of Experimental Biology, 2014, 217, 3283-3292.	0.8	23
57	Severe hypoxia impairs lateralization in a marine teleost fish. Journal of Experimental Biology, 2014, 217, 4115-8.	0.8	17
58	How sailfish use their bills to capture schooling prey. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140444.	1.2	59
59	Distribution and feeding ecology of the Greenland shark (Somniosus microcephalus) in Greenland waters. Polar Biology, 2014, 37, 37-46.	0.5	82
60	The response of striped surfperch Embiotoca lateralis to progressive hypoxia: Swimming activity, shoal structure, and estimated metabolic expenditure. Journal of Experimental Marine Biology and Ecology, 2014, 460, 162-169.	0.7	12
61	Excess postâ€hypoxic oxygen consumption in Atlantic cod Gadus morhua. Journal of Fish Biology, 2013, 83, 396-403.	0.7	30
62	Corrigendum to: â€œEffects of maternal stress coping style on offspring characteristics in rainbow trout (Oncorhynchus mykiss)â€•[Hormones and Behavior 60 (2011) 699â€“705]. Hormones and Behavior, 2013, 63, 674.	1.0	1
63	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 (Poecilia reticulata) Tj ETQq1 1 0.784314 rgBT /Overlock	1.2	20
64	Hypercapnia adversely affects postprandial metabolism in the European eel (Anguilla anguilla). Aquaculture, 2013, 416-417, 166-172.	1.7	18
65	Excess post-hypoxic oxygen consumption is independent from lactate accumulation in two cyprinid fishes. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 54-60.	0.8	53
66	The effects of temperature on specific dynamic action and ammonia excretion in pikeperch (Sander) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.7	31
67	Accelerometer tags: detecting and identifying activities in fish and the effect of sampling frequency. Journal of Experimental Biology, 2013, 216, 1522-1522.	0.8	13
68	Differential occurrence of immune cells in the primary and secondary vascular systems in rainbow trout, <scp>O</scp>ncorhynchus mykiss (<scp>W</scp>albaum). Journal of Fish Diseases, 2013, 36, 675-679.	0.9	15
69	Energetic Extremes in Aquatic Locomotion by Coral Reef Fishes. PLoS ONE, 2013, 8, e54033.	1.1	32
70	Local Adaptation to Altitude Underlies Divergent Thermal Physiology in Tropical Killifishes of the Genus Aphyosemion. PLoS ONE, 2013, 8, e54345.	1.1	29
71	Conservation physiology of marine fishes: advancing the predictive capacity of models. Biology Letters, 2012, 8, 900-903.	1.0	43
72	The contribution of air breathing to aerobic scope and exercise performance in the banded knifefishGymnotus carapoL.. Journal of Experimental Biology, 2012, 215, 1323-1330.	0.8	27

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73	Accelerometer tags: detecting and identifying activities in fish and the effect of sampling frequency. Journal of Experimental Biology, 2012, 216, 1255-64.	0.8	77
74	Thermal optimum for pikeperch (Sander lucioperca) and the use of ventilation frequency as a predictor of metabolic rate. Aquaculture, 2012, 324-325, 151-157.	1.7	52
75	The temperature challenges on cardiac performance in winter-quiescent and migration-stage eels Anguilla anguilla. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, 66-73.	0.8	8
76	Excess posthypoxic oxygen consumption in rainbow trout (OncorhynchusÂmykiss): recovery in normoxia and hypoxia. Canadian Journal of Zoology, 2012, 90, 1-11.	0.4	70
77	Aerobic capacity influences the spatial position of individuals within fish schools. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 357-364.	1.2	147
78	Effects of maternal stress coping style on offspring characteristics in rainbow trout (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	21
79	The hypoxia avoidance behaviour of juvenile Atlantic cod (Gadus morhua L.) depends on the provision and pressure level of an O2 refuge. Marine Biology, 2011, 158, 737-746.	0.7	46
80	Primary versus secondary drivers of foraging activity in sandeel schools (Ammodytes tobianus). Marine Biology, 2011, 158, 1781-1789.	0.7	14
81	Critical threshold size for overwintering sandeels (Ammodytes marinus). Marine Biology, 2011, 158, 2755-2764.	0.7	47
82	Pop Up Satellite Tags Impair Swimming Performance and Energetics of the European Eel (Anguilla) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	53
83	Embryonic suckling and maternal specializations in the live-bearing teleost Zoarces viviparus. Journal of Experimental Marine Biology and Ecology, 2010, 395, 120-127.	0.7	14
84	The accuracy and limitations of a new meter used to measure aqueous carbon dioxide. Aquacultural Engineering, 2010, 43, 101-107.	1.4	14
85	Effect of moderate hypoxia at three acclimation temperatures on stress responses in Atlantic cod with different haemoglobin types. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 156, 485-490.	0.8	18
86	Hypoxia-induced retinopathy model in adult zebrafish. Nature Protocols, 2010, 5, 1903-1910.	5.5	76
87	Hypoxia-induced metastasis model in embryonic zebrafish. Nature Protocols, 2010, 5, 1911-1918.	5.5	109
88	Influence of moderate and severe hypoxia on the diurnal activity pattern of lesser sandeel Ammodytes tobianus. Journal of Fish Biology, 2010, 77, 538-551.	0.7	6
89	The effects of swimming pattern on the energy use of gilthead seabream (Sparus aurataL.). Marine and Freshwater Behaviour and Physiology, 2010, 43, 227-241.	0.4	31
90	Partition of aerobic and anaerobic swimming costs related to gait transitions in a labriform swimmer. Journal of Experimental Biology, 2010, 213, 2177-2183.	0.8	80

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91	Kinematics and energetic benefits of schooling in the labriform fish, striped surfperch Embiotoca lateralis. Marine Ecology - Progress Series, 2010, 420, 221-229.	0.9	50
92	Nitric oxide permits hypoxia-induced lymphatic perfusion by controlling arterial-lymphatic conduits in zebrafish and glass catfish. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18408-18413.	3.3	51
93	Abolition of reflex bradycardia by cardiac vagotomy has no effect on the regulation of oxygen uptake by Atlantic cod in progressive hypoxia. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, 332-338.	0.8	32
94	Pectoral fin beat frequency predicts oxygen consumption during spontaneous activity in a labriform swimming fish (Embiotoca lateralis). Environmental Biology of Fishes, 2009, 84, 121-127.	0.4	20
95	The role of adrenaline as a modulator of cardiac performance in two Antarctic fishes. Polar Biology, 2009, 32, 215-223.	0.5	10
96	Plasma FITC-dextran exchange between the primary and secondary circulatory systems in the Atlantic cod, Gadus Morhua. Fish Physiology and Biochemistry, 2008, 34, 245-249.	0.9	1
97	The parasite fauna of Arctogadus glacialis (Peters) (Gadidae) from western and eastern Greenland. Polar Biology, 2008, 31, 1017-1021.	0.5	10
98	Vascularization of the lateral line organ in the Atlantic cod: involvement of the secondary vascular system. Journal of Zoology, 2008, 276, 142-148.	0.8	2
99	Does autonomic regulation of heart rate optimise oxygen uptake in teleost fishes?. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 150, S117.	0.8	0
100	Oxygen dynamics around buried lesser sandeels Ammodytes tobianus(Linnaeus 1785): mode of ventilation and oxygen requirements. Journal of Experimental Biology, 2007, 210, 1006-1014.	0.8	42
101	Effects of Ration Size and Hypoxia on Specific Dynamic Action in the Cod. Physiological and Biochemical Zoology, 2007, 80, 178-185.	0.6	118
102	Vascular Arrangement and Ultrastructure of the European EelpoutZoarces viviparus Ovary: Implications for Maternalâ€“Embryonic Exchange. Anatomical Record, 2007, 290, 1500-1507.	0.8	6
103	Swimming alters responses to hypoxia in the Adriatic sturgeon Acipenser naccarii. Journal of Fish Biology, 2007, 70, 651-658.	0.7	36
104	The relationship between caudal differential pressure and activity of Atlantic cod: a potential method to predict oxygen consumption of free-swimming fish. Journal of Fish Biology, 2007, 71, 957-969.	0.7	4
105	The effect of hypoxia on behavioural and physiological aspects of lesser sandeel, Ammodytes tobianus (Linnaeus, 1785). Marine Biology, 2007, 150, 1365-1377.	0.7	48
106	Growth of Atlantic cod (Gadus morhua L.) with different haemoglobin subtypes when kept near their temperature preferenda. Aquaculture, 2006, 257, 44-52.	1.7	17
107	The behavioural and physiological response of Atlantic cod Gadus morhua L. to short-term acute hypoxia. Journal of Fish Biology, 2006, 68, 1918-1924.	0.7	30
108	The effect of external dummy transmitters on oxygen consumption and performance of swimming Atlantic cod. Journal of Fish Biology, 2006, 69, 951-956.	0.7	31

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109	Gait transition and oxygen consumption in swimming striped surfperch Embiotoca lateralis Agassiz. Journal of Fish Biology, 2006, 69, 1612-1625.	0.7	30
110	Hypoxia increases the behavioural activity of schooling herring: a response to physiological stress or respiratory distress?. Marine Biology, 2006, 149, 1217-1225.	0.7	28
111	Swimming energetics of the Barents Sea capelin (Mallotus villosus) during the spawning migration period. Journal of Experimental Marine Biology and Ecology, 2006, 331, 208-216.	0.7	36
112	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. Physiological and Biochemical Zoology, 2006, 79, 909-918.	0.6	15
113	A Novel Acoustic Dissolved Oxygen Transmitter for Fish Telemetry. Marine Technology Society Journal, 2006, 40, 103-108.	0.3	12
114	The response of Atlantic cod, Gadus morhua, to progressive hypoxia: fish swimming speed and physiological stress. Marine Biology, 2005, 147, 1403-1412.	0.7	158
115	Tail beat frequency as a predictor of swimming speed and oxygen consumption of saithe (Pollachius) Tj ETQq1 1 0.784314 rgBT /Ove 197-204.	0.7	89
116	Escape performance in three teleosts from West Greenland. Polar Biology, 2005, 28, 164-167.	0.5	5
117	Does temperature preference relate to the anaerobic capacity of Atlantic cod (Gadus morhuaL.) with different haemoglobin phenotype?. Marine Biology Research, 2005, 1, 411-416.	0.3	3
118	The Arctic and Antarctic Polar Marine Environments. Fish Physiology, 2005, 22, 1-24.	0.2	19
119	Respiratory Systems and Metabolic Rates. Fish Physiology, 2005, 22, 203-238.	0.2	27
120	The interrelated effects of body size and choroid rete development on the ocular O2 partial pressure of Atlantic (Gadus morhua) and Greenland cod (Gadus ogac). Polar Biology, 2004, 27, 748-752.	0.5	3
121	Does fish from the Disko Bay area of Greenland possess antifreeze proteins during the summer?. Polar Biology, 2003, 26, 365-370.	0.5	24
122	Intra-school positional preference and reduced tail beat frequency in trailing positions in schooling roach under experimental conditions. Journal of Fish Biology, 2003, 62, 834-846.	0.7	112
123	Effects of growth hormone transgenesis on metabolic rate, exercise performance and hypoxia tolerance in tilapia hybrids. Journal of Fish Biology, 2003, 63, 398-409.	0.7	86
124	Tolerance of chronic hypercapnia by the European eelAnguilla anguilla. Journal of Experimental Biology, 2003, 206, 1717-1726.	0.8	65
125	The blood volumes of the primary and secondary circulatory system in the Atlantic codGadus morhuaL., using plasma bound Evans Blue and compartmental analysis. Journal of Experimental Biology, 2003, 206, 591-599.	0.8	18
126	Preferred temperature of juvenile Atlantic codGadus morhuawith different haemoglobin genotypes at normoxia and moderate hypoxia. Journal of Experimental Biology, 2003, 206, 359-364.	0.8	108

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127	The effect of progressive hypoxia on school structure and dynamics in Atlantic herringClupea harengus. Proceedings of the Royal Society B: Biological Sciences, 2002, 269, 2103-2111.	1.2	54
128	Metabolic cold adaptation of polar fish based on measurements of aerobic oxygen consumption: fact or artefact? Artefact!. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2002, 132, 789-795.	0.8	64
129	Phylogenetic position of the cryopelagic codfish genus Arctogadus Drjagin, 1932 based on partial mitochondrial cytochrome b sequences. Polar Biology, 2002, 25, 342-349.	0.5	32
130	Tolerance of acute hypercapnic acidosis by the European eel (Anguilla anguilla). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2002, 172, 339-346.	0.7	31
131	Energetics of median and paired fin swimming, body and caudal fin swimming, and gait transition in parrotfish (Scarus schlegeli) and triggerfish (Rhinecanthus aculeatus). Journal of Experimental Biology, 2002, 205, 1253-1263.	0.8	152
132	Energetics of median and paired fin swimming, body and caudal fin swimming, and gait transition in parrotfish (Scarus schlegeli) and triggerfish (Rhinecanthus aculeatus). Journal of Experimental Biology, 2002, 205, 1253-63.	0.8	99
133	Oxygen consumption of East Siberian cod: no support for the metabolic cold adaptation theory. Journal of Fish Biology, 2001, 59, 818-823.	0.7	33
134	Title is missing!. Fish Physiology and Biochemistry, 2000, 22, 281-296.	0.9	35
135	The effect of progressive hypoxia on swimming activity and schooling in Atlantic herring. , 2000, 57, 1526.		3
136	Energy savings in sea bass swimming in a school: measurements of tail beat frequency and oxygen consumption at different swimming speeds. Journal of Fish Biology, 1998, 53, 366-376.	0.7	221
137	Swimming Performance, Venous Oxygen Tension and Cardiac Performance of Coronary-Ligated Rainbow Trout, Oncorhynchus mykiss, Exposed to Progressive Hypoxia. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1998, 119, 585-592.	0.8	68
138	Muscle Dynamics in Fish During Steady Swimming. American Zoologist, 1998, 38, 755-770.	0.7	64
139	Torpor in Three Species of Brazilian Hummingbirds under Semi-Natural Conditions. Condor, 1997, 99, 780-788.	0.7	46
140	The effects of acute hypoxia and hypercapnia on oxygen consumption of the freshwater European eel. , 1997, 50, 759.		2
141	Effects of temperature, hypoxia and activity on the metabolism of juvenile Atlantic cod,. Journal of Fish Biology, 1997, 50, 1166-1180.	0.7	215
142	Protein synthesis, growth and energetics in larval herring (Clupea harengus) at different feeding regimes. Fish Physiology and Biochemistry, 1995, 14, 195-208.	0.9	68
143	Effects of diet on spontaneous locomotor activity and oxygen consumption in Adriatic sturgeon (Acipenser naccarii). Fish Physiology and Biochemistry, 1995, 14, 341-355.	0.9	51
144	Exercise metabolism in two species of cod in arctic waters. Polar Biology, 1994, 14, 43.	0.5	67

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145	Oxygen consumption in four species of teleosts from Greenland: no evidence of metabolic cold adaptation. Polar Biology, 1994, 14, 49.	0.5	152
146	The Secondary Vascular System. Fish Physiology, 1992, , 185-217.	0.2	46
147	Lethal oxygen levels at different temperatures and the preferred temperature during hypoxia of the Atlantic cod, Gadus morhua L.. Journal of Fish Biology, 1992, 41, 927-934.	0.7	101
148	Some errors in respirometry of aquatic breathers: How to avoid and correct for them. Fish Physiology and Biochemistry, 1989, 6, 49-59.	0.9	508
149	Coronary ligation reduces maximum sustained swimming speed in chinook salmon, Oncorhynchus tshawytscha. Comparative Biochemistry and Physiology A, Comparative Physiology, 1987, 87, 35-37.	0.7	54
150	An analysis of the energetic cost of the branchial and cardiac pumps during sustained swimming in trout. Fish Physiology and Biochemistry, 1987, 4, 73-79.	0.9	89
151	Control of red cell volume and pH in trout: Effects of isoproterenol, transport inhibitors, and extracellular pH in bicarbonate/carbon dioxide-buffered media. The Journal of Experimental Zoology, 1987, 242, 273-281.	1.4	51
152	In vivo Observations on a Specialized Microvasculature, the Primary and Secondary Vessels in Fishes. Acta Zoologica, 1986, 67, 193-200.	0.6	48
153	Cutaneous oxygen uptake and its relation to skin blood perfusion and ambient salinity in the plaice, Pleuronectes platessa. Comparative Biochemistry and Physiology A, Comparative Physiology, 1985, 81, 373-375.	0.7	26
154	The Transition Between Branchial Pumping and Ram Ventilation in Fishes: Energetic Consequences and Dependence on Water Oxygen Tension. Journal of Experimental Biology, 1985, 114, 141-150.	0.8	65
155	Ventilation and oxygen consumption in the hagfish, Myxine glutinosa L.. Journal of Experimental Marine Biology and Ecology, 1984, 84, 173-178.	0.7	36
156	An automated swimming respirometer. Comparative Biochemistry and Physiology A, Comparative Physiology, 1984, 79, 437-440.	0.7	145
157	Increases in arterial blood oxygen during exercise in the lemon shark (Negaprion brevirostris). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1982, 147, 41-47.	0.7	47
158	Gill ventilation and O2 extraction during graded hypoxia in two ecologically distinct species of flatfish, the flounder (Platichthys flesus) and the plaice (Pleuronectes platessa). Environmental Biology of Fishes, 1982, 7, 157-163.	0.4	84
159	The relative importance of skin oxygen uptake in the naturally buried plaice, pleuronectes platessa, exposed to graded hypoxia. Respiration Physiology, 1981, 44, 269-275.	2.8	37