Neil B Metcalfe

List of Publications by Year
in descending order

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239 papers	21,258 citations	12330 69 h-index	11052 137 g-index
247 all docs	247 docs citations	247 times ranked	14103 citing authors

#	Article	IF	Citations
1	Simulated pre-spawning catch and release of wild Atlantic salmon (Salmo salar) results in faster fungal spread and opposing effects on female and male proxies of fecundity. Canadian Journal of Fisheries and Aquatic Sciences, 2022, 79, 267-276.	1.4	9
2	Habitat restoration weakens negative environmental effects on telomere dynamics. Molecular Ecology, 2022, 31, 6100-6113.	3.9	11
3	How telomere dynamics are influenced by the balance between mitochondrial efficiency, reactive oxygen species production and DNA damage. Molecular Ecology, 2022, 31, 6040-6052.	3.9	24
4	Does the match between individual and group behavior matter in shoaling sticklebacks?. Ecology and Evolution, 2022, 12, e8581.	1.9	1
5	Experimental demonstration of prenatal programming of mitochondrial aerobic metabolism lasting until adulthood. Proceedings of the Royal Society B: Biological Sciences, 2022, 289, 20212679.	2.6	16
6	Nutrient limitation in Atlantic salmon rivers and streams: Causes, consequences, and management strategies. Aquatic Conservation: Marine and Freshwater Ecosystems, 2022, 32, 1073-1091.	2.0	4
7	Interâ€individual variation in mitochondrial phosphorylation efficiency predicts growth rates in ectotherms at high temperatures. FASEB Journal, 2022, 36, e22333.	0.5	1
8	The Evolution of Offspring Size: A Metabolic Scaling Perspective. Integrative and Comparative Biology, 2022, 62, 1492-1502.	2.0	6
9	Effect of parental phenotype on dispersal, growth and maturation of offspring in wild masu salmon (Oncorhynchus masou). Evolutionary Ecology, 2021, 35, 253-269.	1.2	3
10	Is mitochondrial reactive oxygen species production proportional to oxygen consumption? A theoretical consideration. BioEssays, 2021, 43, e2000165.	2.5	11
11	Avian red blood cell mitochondria produce more heat in winter than in autumn. FASEB Journal, 2021, 35, e21490.	0.5	25
12	Diet and temperature modify the relationship between energy use and ATP production to influence behavior in zebrafish (Danio rerio). Ecology and Evolution, 2021, 11, 9791-9803.	1.9	13
13	Chronic exposure to stressors has a persistent effect on feeding behaviour but not cortisol levels in sticklebacks. Animal Behaviour, 2021, 181, 71-81.	1.9	4
14	Adaptive Maternal Investment in the Wild? Links between Maternal Growth Trajectory and Offspring Size, Growth, and Survival in Contrasting Environments. American Naturalist, 2020, 195, 678-690.	2.1	6
15	Multigenerational exposure to elevated temperatures leads to a reduction in standard metabolic rate in the wild. Functional Ecology, 2020, 34, 1205-1214.	3.6	35
16	Intergenerational Transfer of Ageing: Parental Age and Offspring Lifespan. Trends in Ecology and Evolution, 2020, 35, 927-937.	8.7	58
17	Pace and stability of embryonic development affect telomere dynamics: an experimental study in a precocial bird model. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201378.	2.6	53
18	Climate change and ageing in ectotherms. Global Change Biology, 2020, 26, 5371-5381.	9.5	68

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19	The potential role of the gut microbiota in shaping host energetics and metabolic rate. Journal of Animal Ecology, 2020, 89, 2415-2426.	2.8	52
20	Measurement of mitochondrial respiration in permeabilized fish gills. Journal of Experimental Biology, 2020, 223, .	1.7	6
21	Metabolic Rate Interacts with Resource Availability to Determine Individual Variation in Microhabitat Use in the Wild. American Naturalist, 2020, 196, 132-144.	2.1	32
22	Differences in mitochondrial efficiency explain individual variation in growth performance. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191466.	2.6	37
23	Simulating nutrient release from parental carcasses increases the growth, biomass and genetic diversity of juvenile Atlantic salmon. Journal of Applied Ecology, 2019, 56, 1937-1947.	4.0	9
24	Ecological and evolutionary consequences of metabolic rate plasticity in response to environmental change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2019, 374, 20180180.	4.0	136
25	The deteriorating soma and the indispensable germline: gamete senescence and offspring fitness. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20192187.	2.6	53
26	Timing of Atlantic salmon Salmo salar smolt migration predicts successful passage through a reservoir. Journal of Fish Biology, 2018, 92, 1651-1656.	1.6	10
27	Telomere elongation during early development is independent of environmental temperatures in Atlantic salmon. Journal of Experimental Biology, 2018, 221, .	1.7	27
28	Links between parental life histories of wild salmon and the telomere lengths of their offspring. Molecular Ecology, 2018, 27, 804-814.	3.9	23
29	Oxygen- and capacity-limited thermal tolerance: blurring ecology and physiology. Journal of Experimental Biology, 2018, 221, .	1.7	204
30	Metabolic rate evolves rapidly and in parallel with the pace of life history. Nature Communications, 2018, 9, 14.	12.8	128
31	Decreased mitochondrial metabolic requirements in fasting animals carry an oxidative cost. Functional Ecology, 2018, 32, 2149-2157.	3.6	60
32	Fishes in a changing world: learning from the past to promote sustainability of fish populations. Journal of Fish Biology, 2018, 92, 804-827.	1.6	51
33	Experimental demonstration that offspring fathered by old males have shorter telomeres and reduced lifespans. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20180268.	2.6	36
34	Individuals exhibit consistent differences in their metabolic rates across changing thermal conditions. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2018, 217, 1-6.	1.8	21
35	Nutrients from salmon parents alter selection pressures on their offspring. Ecology Letters, 2018, 21, 287-295.	6.4	34
36	The RCR and ATP/O Indices Can Give Contradictory Messages about Mitochondrial Efficiency. Integrative and Comparative Biology, 2018, 58, 486-494.	2.0	24

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37	Using the MitoB method to assess levels of reactive oxygen species in ecological studies of oxidative stress. Scientific Reports, 2017, 7, 41228.	3.3	18
38	Shorter juvenile telomere length is associated with higher survival to spawning in migratory Atlantic salmon. Functional Ecology, 2017, 31, 2070-2079.	3.6	27
39	Postnatal nutrition influences male attractiveness and promotes plasticity in male mating preferences. Die Naturwissenschaften, 2017, 104, 102.	1.6	4
40	Differences in early developmental rate and yolk conversion efficiency in offspring of trout with alternative life histories. Ecology of Freshwater Fish, 2017, 26, 371-382.	1.4	9
41	Thermal conditions during early life influence seasonal maternal strategies in the three-spined stickleback. BMC Ecology, 2017, 17, 34.	3.0	12
42	Differential effects of food availability on minimum and maximum rates of metabolism. Biology Letters, 2016, 12, 20160586.	2.3	21
43	Embryonic and postnatal telomere length decrease with ovulation order within clutches. Scientific Reports, 2016, 6, 25915.	3.3	27
44	A benign juvenile environment reduces the strength of antagonistic pleiotropy and genetic variation in the rate of senescence. Journal of Animal Ecology, 2016, 85, 705-714.	2.8	22
45	Repeatability of metabolic rate is lower for animals living under field versus laboratory conditions. Journal of Experimental Biology, 2016, 219, 631-4.	1.7	51
46	Does individual variation in metabolic phenotype predict fish behaviour and performance?. Journal of Fish Biology, 2016, 88, 298-321.	1.6	270
47	Variation in Metabolic Rate among Individuals Is Related to Tissue-Specific Differences in Mitochondrial Leak Respiration. Physiological and Biochemical Zoology, 2016, 89, 511-523.	1.5	47
48	Interactions between parental traits, environmental harshness and growth rate in determining telomere length in wild juvenile salmon. Molecular Ecology, 2016, 25, 5425-5438.	3.9	55
49	Flexibility in metabolic rate and activity level determines individual variation in overwinter performance. Oecologia, 2016, 182, 703-712.	2.0	36
50	Simultaneous measurement of mitochondrial respiration and <scp>ATP</scp> production in tissue homogenates and calculation of effective P/O ratios. Physiological Reports, 2016, 4, e13007.	1.7	30
51	Maternal age at maturation underpins contrasting behavior in offspring. Behavioral Ecology, 2016, 27, 1280-1287.	2.2	3
52	Resource availability and life-history origin affect competitive behavior in territorial disputes. Behavioral Ecology, 2016, 27, 385-392.	2.2	6
53	Perturbations in growth trajectory due to early diet affect ageâ€related deterioration in performance. Functional Ecology, 2016, 30, 625-635.	3.6	21
54	Inadequate food intake at high temperatures is related to depressed mitochondrial respiratory capacity. Journal of Experimental Biology, 2016, 219, 1356-62.	1.7	34

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55	Metabolism, oxidative stress and territorial behaviour in a female colour polymorphic cichlid fish. Behavioral Ecology and Sociobiology, 2016, 70, 99-109.	1.4	14
56	Differences in diet-induced flexibility in morphology and growth in a partially migratory species. Canadian Journal of Fisheries and Aquatic Sciences, 2016, 73, 358-365.	1.4	4
57	Flexibility in metabolic rate confers a growth advantage under changing food availability. Journal of Animal Ecology, 2015, 84, 1405-1411.	2.8	107
58	The optimal combination of standard metabolic rate and aerobic scope for somatic growth depends on food availability. Functional Ecology, 2015, 29, 479-486.	3.6	109
59	Interactive effects of early and later nutritional conditions on the adult antioxidant defence system in zebra finches. Journal of Experimental Biology, 2015, 218, 2211-7.	1.7	20
60	Are you what you eat? Micronutritional deficiencies during development influence adult personality-related traits. Animal Behaviour, 2015, 101, 129-140.	1.9	23
61	Sex-dependent effects of nutrition on telomere dynamics in zebra finches (Taeniopygia guttata) Tj ETQq1 1 0.784314 rgBT /O	2.3	51
62	Individuals with higher metabolic rates have lower levels of reactive oxygen species in vivo. Biology Letters, 2015, 11, 20150538.	2.3	94
63	Variation in the link between oxygen consumption and ATP production, and its relevance for animal performance. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151028.	2.6	187
64	Aerobic scope explains individual variation in feeding capacity. Biology Letters, 2015, 11, 20150793.	2.3	62
65	The association between parental life history and offspring phenotype. Journal of Experimental Biology, 2015, 219, 374-82.	1.7	18
66	Early growth trajectories affect sexual responsiveness. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132899.	2.6	4
67	Prior hormetic priming is costly under environmental mismatch. Biology Letters, 2014, 10, 20131010.	2.3	51
68	Can environmental conditions experienced in early life influence future generations?. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140311.	2.6	229
69	Among-sibling differences in the phenotypes of juvenile fish depend on their location within the egg mass and maternal dominance rank. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122441.	2.6	15
70	Experimental demonstration of the growth rateâ€“lifespan trade-off. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122370.	2.6	173
71	Does reproduction cause oxidative stress? An open question. Trends in Ecology and Evolution, 2013, 28, 347-350.	8.7	158
72	The effect of group size on vigilance in <scp>R</scp>uddy <scp>T</scp>urnstones <scp>A</scp>renaria interpres varies with foraging habitat. Ibis, 2013, 155, 246-257.	1.9	15

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73	Early maternal experience shapes offspring performance in the wild. Ecology, 2013, 94, 618-626.	3.2	30
74	Loss of integration is associated with reduced resistance to oxidative stress. Journal of Experimental Biology, 2013, 216, 2213-20.	1.7	56
75	Metabolic divergence between sibling species of cichlids Pundamilia nyererei and Pundamilia pundamilia. Journal of Fish Biology, 2013, 82, 1975-1989.	1.6	9
76	Environmental stressors alter relationships between physiology and behaviour. Trends in Ecology and Evolution, 2013, 28, 651-658.	8.7	291
77	The growth benefits of aggressive behavior vary with individual metabolism and resource predictability. Behavioral Ecology, 2013, 24, 253-261.	2.2	36
78	Offspring investment in wild <scp>A</scp>tlantic salmon (<scp>Salmo salar</scp>): relationships with smolt age and spawning condition. Ecology of Freshwater Fish, 2013, 22, 317-321.	1.4	12
79	Telomere length in early life predicts lifespan. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1743-1748.	7.1	722
80	Telomere Length in Early Life Predicts Life Span. Obstetrical and Gynecological Survey, 2012, 67, 283-284.	0.4	6
81	Relationship between oxidative stress and circulating testosterone and cortisol in pre-spawning female brown trout. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 163, 379-387.	1.8	21
82	The pattern of early growth trajectories affects adult breeding performance. Ecology, 2012, 93, 902-912.	3.2	61
83	An automated system to control and manipulate the flight activity of captive birds. Behavioral Ecology and Sociobiology, 2012, 66, 1195-1199.	1.4	12
84	Early life experience primes resistance to oxidative stress. Journal of Experimental Biology, 2012, 215, 2820-2826.	1.7	79
85	The performance advantage of a high resting metabolic rate in juvenile salmon is habitat dependent. Journal of Animal Ecology, 2012, 81, 868-875.	2.8	77
86	What causes intraspecific variation in resting metabolic rate and what are its ecological consequences?. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 3465-3473.	2.6	536
87	The role of physiology in the divergence of two incipient cichlid species. Journal of Evolutionary Biology, 2011, 24, 2639-2652.	1.7	40
88	How integument colour reflects its carotenoid content: a sticklebackâ€™s perspective. Functional Ecology, 2011, 25, 297-304.	3.6	30
89	Estimated standard metabolic rate interacts with territory quality and density to determine the growth rates of juvenile Atlantic salmon. Functional Ecology, 2011, 25, 1360-1367.	3.6	65
90	Egg hormones in a highly fecund vertebrate: do they influence offspring social structure in competitive conditions?. Functional Ecology, 2011, 25, 1379-1388.	3.6	31

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91	Ecological consequences of variation in standard metabolism and dominance among salmon parr. Ecology of Freshwater Fish, 2011, 20, 371-376.	1.4	24
92	Implantation of cocoa butter reduces egg and hatchling size in Salmo trutta. Journal of Fish Biology, 2011, 79, 587-596.	1.6	14
93	Costs of compensation: effect of early life conditions and reproduction on flight performance in zebra finches. Oecologia, 2011, 167, 315-323.	2.0	40
94	Biochemical integration of blood redox state in captive zebra finches (Taeniopygia guttata). Journal of Experimental Biology, 2011, 214, 1148-1152.	1.7	58
95	A Comparison of Dynamic-State-Dependent Models of the Trade-Off Between Growth, Damage, and Reproduction. American Naturalist, 2011, 178, 774-786.	2.1	18
96	Do female association preferences predict the likelihood of reproduction?. Behavioral Ecology and Sociobiology, 2010, 64, 541-548.	1.4	85
97	FREQUENCY-DEPENDENT SOCIAL DOMINANCE IN A COLOR POLYMORPHIC CICHLID FISH. Evolution; International Journal of Organic Evolution, 2010, 64, no-no.	2.3	29
98	Oxidative stress as a lifeâ€history constraint: the role of reactive oxygen species in shaping phenotypes from conception to death. Functional Ecology, 2010, 24, 984-996.	3.6	450
99	Ecological processes in a hormetic framework. Ecology Letters, 2010, 13, 1435-1447.	6.4	230
100	Dietary carotenoid availability, sexual signalling and functional fertility in sticklebacks. Biology Letters, 2010, 6, 191-193.	2.3	65
101	Dietary carotenoid availability and reproductive effort influence the age-related decline in performance. Behavioral Ecology, 2010, 21, 1048-1053.	2.2	12
102	The trade-off between growth rate and locomotor performance varies with perceived time until breeding. Journal of Experimental Biology, 2010, 213, 3289-3298.	1.7	40
103	Presence of a conspecific causes divergent changes in resting metabolism, depending on its relative size. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 3989-3993.	2.6	35
104	Telomere dynamics rather than age predict life expectancy in the wild. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1679-1683.	2.6	234
105	Juvenile salmon with high standard metabolic rates have higher energy costs but can process meals faster. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 2103-2108.	2.6	97
106	The effects of compensatory growth and reproduction on locomotor performance. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, S100.	1.8	0
107	Intraspecific variation in metabolic rate: How is it maintained, and what are the consequences?. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 153, S145-S146.	1.8	0
108	Realâ€time quantitative PCR assay for measurement of avian telomeres. Journal of Avian Biology, 2009, 40, 342-347.	1.2	194

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109	Oxidative stress as a mediator of life history tradeâ€offs: mechanisms, measurements and interpretation. Ecology Letters, 2009, 12, 75-92.	6.4	1,083
110	Optimization of Resource Allocation Can Explain the Temporal Dynamics and Honesty of Sexual Signals. American Naturalist, 2009, 174, 515-525.	2.1	48
111	Experience-induced preference for short-sworded males in the green swordtail, Xiphophorus helleri. Animal Behaviour, 2008, 76, 271-276.	1.9	35
112	The use of ventilation frequency as an accurate indicator of metabolic rate in juvenile Atlantic salmon (Salmo salar). Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 2081-2087.	1.4	49
113	The impact of dietary restriction, intermittent feeding and compensatory growth on reproductive investment and lifespan in a short-lived fish. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1703-1708.	2.6	77
114	Context-dependent mate choice in relation to social composition in green swordtails Xiphophorus helleri. Behavioral Ecology, 2008, 19, 998-1005.	2.2	61
115	Early nutrition and phenotypic development: â€˜catch-upâ€™ growth leads to elevated metabolic rate in adulthood. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1565-1570.	2.6	163
116	Carotenoids, oxidative stress and female mating preference for longer lived males. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1591-1596.	2.6	117
117	Dietary carotenoid availability influences a male's ability to provide parental care. Behavioral Ecology, 2007, 18, 1100-1105.	2.2	38
118	Green swordtails alter their age at maturation in response to the population level of male ornamentation. Biology Letters, 2007, 3, 144-146.	2.3	31
119	Availability of non-carotenoid antioxidants affects the expression of a carotenoid-based sexual ornament. Biology Letters, 2007, 3, 353-356.	2.3	66
120	The tradeoff between catchâ€up growth and escape speed: variation between habitats in the cost of compensation. Oikos, 2007, 116, 1144-1151.	2.7	47
121	Sex-specific differences in compensation for poor neonatal nutrition in the zebra finch Taeniopygia guttata. Journal of Avian Biology, 2007, 38, 356-366.	1.2	40
122	The effects of latitude and day length on fattening strategies of wintering coal tits Periparus ater (L.): a field study and aviary experiment. Journal of Animal Ecology, 2007, 76, 866-872.	2.8	23
123	Early nutritional conditions, growth trajectories and mate choice: does compensatory growth lead to a reduction in adult sexual attractiveness?. Behavioral Ecology and Sociobiology, 2007, 61, 1007-1014.	1.4	20
124	The tradeoff between catch-up growth and escape speed: variation between habitats in the cost of compensation. Oikos, 2007, 116, 1144-1151.	2.7	0
125	Effect of growth compensation on subsequent physical fitness in green swordtails Xiphophorus helleri. Biology Letters, 2006, 2, 39-42.	2.3	33
126	Divergence in locomotor activity between two strains of rainbow trout Oncorhynchus mykiss with contrasting stress responsiveness. Journal of Fish Biology, 2006, 68, 920-924.	1.6	30

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127	Effects of neonatal nutrition on adult reproduction in a passerine bird. Ibis, 2006, 148, 509-514.	1.9	62
128	Sexual selection, growth compensation and fast-start swimming performance in Green Swordtails, Xiphophorus helleri. Functional Ecology, 2006, 20, 662-669.	3.6	57
129	Presence of shelter reduces maintenance metabolism of juvenile salmon. Functional Ecology, 2006, 20, 839-845.	3.6	167
130	Catch-up growth strategies differ between body structures: interactions between age and structure-specific growth in wild nestling Alpine Swifts. Functional Ecology, 2006, 20, 857-864.	3.6	54
131	How are animals with ornaments predicted to compensate for a bad start in life? A dynamic optimization model approach. Functional Ecology, 2005, 19, 421-428.	3.6	27
132	The effect of temperature on growth and early maturation in a wild population of Atlantic salmon parr. Journal of Fish Biology, 2005, 67, 1370-1380.	1.6	32
133	Fighting in fiddler crabs Uca mjoebergi: what determines duration?. Animal Behaviour, 2005, 70, 653-662.	1.9	139
134	A poor start in life negatively affects dominance status in adulthood independent of body size in green swordtails Xiphophorus helleri. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1917-1922.	2.6	74
135	Catch-up growth and swimming performance in threespine sticklebacks (Gasterosteus aculeatus): seasonal changes in the cost of compensation. Canadian Journal of Fisheries and Aquatic Sciences, 2005, 62, 2169-2176.	1.4	31
136	Largeâ€“scale geographical variation confirms that climate change causes birds to lay earlier. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1657-1662.	2.6	357
137	Altitudinal variation in the relationship between growth and maturation rate in salmon parr. Journal of Animal Ecology, 2004, 73, 253-260.	2.8	63
138	Developmental plasticity and human health. Nature, 2004, 430, 419-421.	27.8	1,529
139	The relative influence of prior residency and dominance on the early feeding behaviour of juvenile Atlantic salmon. Animal Behaviour, 2003, 65, 1141-1149.	1.9	41
140	Growth versus lifespan: perspectives from evolutionary ecology. Experimental Gerontology, 2003, 38, 935-940.	2.8	418
141	The relative roles of domestication, rearing environment, prior residence and body size in deciding territorial contests between hatchery and wild juvenile salmon. Journal of Applied Ecology, 2003, 40, 535-544.	4.0	137
142	Carotenoid Modulation of Immune Function and Sexual Attractiveness in Zebra Finches. Science, 2003, 300, 125-127.	12.6	597
143	Neonatal nutrition, adult antioxidant defences and sexual attractiveness in the zebra finch. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1691-1696.	2.6	186
144	Does dominance status correlate with growth in wild stream-dwelling Atlantic salmon (Salmo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	2.2	59

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145	The cost of aggregation: juvenile salmon avoid sharing winter refuges with siblings. Behavioral Ecology, 2003, 14, 602-606.	2.2	25
146	The effects of increased flow rates on linear dominance hierarchies and physiological function in brown trout, Salmo trutta. Canadian Journal of Zoology, 2002, 80, 1221-1227.	1.0	48
147	Intra- and inter-specific competition for winter concealment habitat in juvenile salmonids. Canadian Journal of Fisheries and Aquatic Sciences, 2002, 59, 1515-1523.	1.4	54
148	Impaired flight ability during incubation in the pied flycatcher. Journal of Avian Biology, 2002, 33, 179-183.	1.2	55
149	Juvenile Atlantic Salmon (Salmo salar) with relatively high standard metabolic rates have small metabolic scopes. Functional Ecology, 2002, 16, 73-78.	3.6	104
150	Sympatric association influences within-species dominance relations among juvenile Atlantic salmon and brown trout. Animal Behaviour, 2002, 64, 85-95.	1.9	46
151	The influence of life-history strategy on lipid metabolism in overwintering juvenile Atlantic salmon. Journal of Fish Biology, 2002, 60, 674-686.	1.6	4
152	Compensation for a bad start: grow now, pay later?. Trends in Ecology and Evolution, 2001, 16, 254-260.	8.7	1,614
153	Changing nutritional status causes a shift in the balance of nocturnal to diurnal activity in European Minnows. Functional Ecology, 2001, 15, 304-309.	3.6	52
154	Intraspecific resource partitioning in brown trout: the temporal distribution of foraging is determined by social rank. Journal of Animal Ecology, 2001, 70, 980-986.	2.8	157
155	Effects of an environmental perturbation on the social behaviour and physiological function of brown trout. Animal Behaviour, 2001, 61, 325-333.	1.9	77
156	Is the level of aggression and dispersion in territorial fish dependent on light intensity?. Animal Behaviour, 2001, 61, 1143-1149.	1.9	65
157	A hidden cost of reproduction: the tradeâ€off between clutch size and escape takeâ€off speed in female zebra finches. Journal of Animal Ecology, 2001, 70, 20-24.	2.8	15
158	Genome size, longevity and development time in birds. Trends in Genetics, 2001, 17, 568.	6.7	7
159	Deferred costs of compensatory growth after autumnal food shortage in juvenile salmon. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 295-301.	2.6	133
160	Plasma Cortisol Concentrations Before and After Social Stress in Rainbow Trout and Brown Trout. Physiological and Biochemical Zoology, 2001, 74, 383-389.	1.5	173
161	The influence of energetic requirements on the preferred temperature of overwintering juvenile Atlantic salmon (Salmo salar). Canadian Journal of Fisheries and Aquatic Sciences, 2001, 58, 762-768.	1.4	18
162	Social status, access to food, and compensatory growth in juvenile Atlantic salmon. Journal of Fish Biology, 2001, 58, 1331-1346.	1.6	2

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163	A hidden cost of reproduction: the trade-off between clutch size and escape take-off speed in female zebra finches. Journal of Animal Ecology, 2001, 70, 20-24.	2.8	69
164	The influence of energetic requirements on the preferred temperature of overwintering juvenile Atlantic salmon (<i>Salmo salar</i>). Canadian Journal of Fisheries and Aquatic Sciences, 2001, 58, 762-768.	1.4	5
165	Spatial and temporal effects of interspecific competition between Atlantic salmon (<i>Salmo) Tj ETQq1 1 0.784314 rgBT /Overlock Fisheries and Aquatic Sciences, 2001, 58, 1133-1140.	1.4	7
166	Stress from air emersion fails to alter chloride cell numbers in the gills of rainbow trout. Journal of Fish Biology, 2001, 59, 186-190.	1.6	0
167	Flight muscle atrophy and predation risk in breeding birds. Functional Ecology, 2000, 14, 115-121.	3.6	58
168	Genome size and longevity. Trends in Genetics, 2000, 16, 331-332.	6.7	37
169	Title is missing!. Fish Physiology and Biochemistry, 2000, 22, 11-20.	2.3	94
170	Familiarity influences body darkening in territorial disputes between juvenile salmon. Animal Behaviour, 2000, 59, 1095-1101.	1.9	60
171	The effects of prior residence on behavior and growth rates in juvenile Atlantic salmon (Salmo salar). Behavioral Ecology, 2000, 11, 13-18.	2.2	44
172	Alternative competitive strategies in juvenile Atlantic salmon (Salmo salar): evidence from fin damage. Aquaculture, 2000, 184, 291-302.	3.5	74
173	Experimental demonstration of differences in sheltering behaviour between Icelandic populations of Atlantic salmon (Salmo salar) and Arctic char (Salvelinus alpinus). Canadian Journal of Fisheries and Aquatic Sciences, 2000, 57, 719-724.	1.4	24
174	Costs of rapid growth: the risk of aggression is higher for fast-growing salmon. Functional Ecology, 1999, 13, 793-800.	3.6	77
175	Food availability and the nocturnal vs. diurnal foraging tradeâ€off in juvenile salmon. Journal of Animal Ecology, 1999, 68, 371-381.	2.8	235
176	Patch choice and risk: relative competitive ability is context dependent. Animal Behaviour, 1999, 58, 1131-1138.	1.9	10
177	Does darkening signal submission in territorial contests between juvenile Atlantic salmon, Salmo salar ?. Animal Behaviour, 1999, 58, 1269-1276.	1.9	143
178	Effect of time of day, time of year, and life history strategy on time budgeting in juvenile Atlantic salmon, Salmo salar. Canadian Journal of Fisheries and Aquatic Sciences, 1999, 56, 2397-2403.	1.4	15
179	The Effect of Group Size on Relative Competitive Ability. Oikos, 1999, 85, 481.	2.7	4
180	Prior residence, territory quality and life-history strategies in juvenile Atlantic salmon (Salmo salar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	3

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181	Modelling the proximate basis of salmonid life-history variation, with application to Atlantic salmon, Salmo salar L.. Evolutionary Ecology, 1998, 12, 581-599.	1.2	350
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