Patricia M Schulte

List of Publications by Year in descending order

142 papers	9,591 citations	38742 50 h-index	43889 91 g-index
147 all docs	147 docs citations	147 times ranked	7961 citing authors

#	Article	IF	Citations
1	Thermal Performance Curves, Phenotypic Plasticity, and the Time Scales of Temperature Exposure. Integrative and Comparative Biology, 2011, 51, 691-702.	2.0	547
2	The effects of temperature on aerobic metabolism: towards a mechanistic understanding of the responses of ectotherms to a changing environment. Journal of Experimental Biology, 2015, 218, 1856-1866.	1.7	529
3	Heat shock protein genes and their functional significance in fish. Gene, 2002, 295, 173-183.	2.2	520
4	Intraspecific variation in thermal tolerance and heat shock protein gene expression in common killifish, Fundulus heteroclitus. Journal of Experimental Biology, 2006, 209, 2859-2872.	1.7	406
5	Na+/K+-ATPase Î±-isoform switching in gills of rainbow trout (Oncorhynchus mykiss) during salinity transfer. Journal of Experimental Biology, 2003, 206, 4475-4486.	1.7	300
6	Macrophysiology: A Conceptual Reunification. American Naturalist, 2009, 174, 595-612.	2.1	298
7	What is environmental stress? Insights from fish living in a variable environment. Journal of Experimental Biology, 2014, 217, 23-34.	1.7	235
8	Changes in gene expression in gills of the euryhaline killifishFundulus heteroclitusafter abrupt salinity transfer. American Journal of Physiology - Cell Physiology, 2004, 287, C300-C309.	4.6	207
9	Oxygen- and capacity-limited thermal tolerance: blurring ecology and physiology. Journal of Experimental Biology, 2018, 221, .	1.7	204
10	Molecular Evolution of Cytochrome c Oxidase Underlies High-Altitude Adaptation in the Bar-Headed Goose. Molecular Biology and Evolution, 2011, 28, 351-363.	8.9	196
11	Responses to Temperature and Hypoxia as Interacting Stressors in Fish: Implications for Adaptation to Environmental Change. Integrative and Comparative Biology, 2013, 53, 648-659.	2.0	195
12	Reciprocal expression of gill Na+/K+-ATPaseÎ±-subunit isoforms Î±1a and Î±1b during seawater acclimation of three salmonid fishes that vary in their salinity tolerance. Journal of Experimental Biology, 2006, 209, 1848-1858.	1.7	172
13	Do mitochondrial properties explain intraspecific variation in thermal tolerance?. Journal of Experimental Biology, 2009, 212, 514-522.	1.7	172
14	Thermal Acclimation Is Not Necessary to Maintain a Wide Thermal Breadth of Aerobic Scope in the Common Killifish (Fundulus heteroclitus). Physiological and Biochemical Zoology, 2012, 85, 107-119.	1.5	162
15	Linking genotypes to phenotypes and fitness: how mechanistic biology can inform molecular ecology. Molecular Ecology, 2009, 18, 4997-5017.	3.9	158
16	Variation in temperature tolerance among families of Atlantic salmon (Salmo salar) is associated with hypoxia tolerance, ventricle size and myoglobin level. Journal of Experimental Biology, 2013, 216, 1183-1190.	1.7	153
17	Rapid evolution of cold tolerance in stickleback. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 233-238.	2.6	129
18	Gene expression after freshwater transfer in gills and opercular epithelia of killifish: insight into divergent mechanisms of ion transport. Journal of Experimental Biology, 2005, 208, 2719-2729.	1.7	120

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19	Crossâ€Tolerance in the Tidepool Sculpin: The Role of Heat Shock Proteins. Physiological and Biochemical Zoology, 2005, 78, 133-144.	1.5	113
20	Intraspecific divergence of ionoregulatory physiology in the euryhaline teleost Fundulus heteroclitus: possible mechanisms of freshwater adaptation. Journal of Experimental Biology, 2004, 207, 3399-3410.	1.7	111
21	Warm acclimation improves hypoxia tolerance in Fundulus heteroclitus. Journal of Experimental Biology, 2016, 219, 474-484.	1.7	105
22	Evolutionary adaptations of gene structure and expression in natural populations in relation to a changing environment: A multidisciplinary approach to address the million-year saga of a small fish. , 1998, 282, 71-94.		101
23	Niche Dimensions in Fishes: An Integrative View. Physiological and Biochemical Zoology, 2010, 83, 808-826.	1.5	100
24	Functional Annotation of All Salmonid Genomes (FAASG): an international initiative supporting future salmonid research, conservation and aquaculture. BMC Genomics, 2017, 18, 484.	2.8	99
25	Adaptive variation in lactate dehydrogenase-B gene expression: Role of a stress-responsive regulatory element. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 6597-6602.	7.1	94
26	Factors affecting plasticity in whole-organism thermal tolerance in common killifish (Fundulus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Physiology, 2012, 182, 49-62.	1.5	91
27	Persistent and plastic effects of temperature on DNA methylation across the genome of threespine stickleback (Gasterosteus aculeatus). Proceedings of the Royal Society B: Biological Sciences, 2017, 284, 20171667.	2.6	88
28	Ionoregulatory changes in different populations of maturing sockeye salmon Oncorhynchus nerka during ocean and river migration. Journal of Experimental Biology, 2005, 208, 4069-4078.	1.7	87
29	Physiological and molecular mechanisms of osmoregulatory plasticity in killifish after seawater transfer. Journal of Experimental Biology, 2008, 211, 2450-2459.	1.7	85
30	Seawater tolerance and gene expression in two strains of Atlantic salmon smolts. Canadian Journal of Fisheries and Aquatic Sciences, 2002, 59, 125-135.	1.4	84
31	Environmental adaptations as windows on molecular evolution. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2001, 128, 597-611.	1.6	83
32	Arsenic exposure alters hepatic arsenic species composition and stress-mediated gene expression in the common killifish (Fundulus heteroclitus). Aquatic Toxicology, 2006, 77, 257-266.	4.0	81
33	Swimming Performance and Energetics as a Function of Temperature in KillifishFundulus heteroclitus. Physiological and Biochemical Zoology, 2008, 81, 389-401.	1.5	81
34	From DNA to Fitness Differences: Sequences and Structures of Adaptive Variants of Colias Phosphoglucose Isomerase (PGI). Molecular Biology and Evolution, 2006, 23, 499-512.	8.9	77
35	Structural and Functional Differences in the Promoter and 5â€² Flanking Region of Ldh-B Within and Between Populations of the Teleost Fundulus heteroclitus. Genetics, 1997, 145, 759-769.	2.9	77
36	Gene expression plasticity in response to salinity acclimation in threespine stickleback ecotypes from different salinity habitats. Molecular Ecology, 2017, 26, 2711-2725.	3.9	72

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37	Recovery metabolism of skipjack tuna (Katsuwonus pelamis) white muscle: rapid and parallel changes in lactate and phosphocreatine after exercise. Canadian Journal of Zoology, 1992, 70, 1230-1239.	1.0	71
38	Plasticity of osmoregulatory function in the killifish intestine:drinking rates, salt and water transport, and gene expression after freshwater transfer. Journal of Experimental Biology, 2006, 209, 4040-4050.	1.7	71
39	Changes in gill H+-ATPase and Na+/K+-ATPase expression and activity during freshwater acclimation of Atlantic salmon (Salmo salar). Journal of Experimental Biology, 2011, 214, 2435-2442.	1.7	70
40	Metabolic and ionoregulatory responses of the Amazonian cichlid, Astronotus ocellatus, to severe hypoxia. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2007, 177, 361-374.	1.5	69
41	Intraspecific variation in tolerance of warming in fishes. Journal of Fish Biology, 2021, 98, 1536-1555.	1.6	69
42	Responses to environmental stressors in an estuarine fish: Interacting stressors and the impacts of local adaptation. Journal of Thermal Biology, 2007, 32, 152-161.	2.5	66
43	Proportion of prey consumed can be determined from faecal DNA using realâ€time PCR. Molecular Ecology Resources, 2011, 11, 530-540.	4.8	66
44	Mitochondria and the thermal limits of ectotherms. Journal of Experimental Biology, 2020, 223, .	1.7	64
45	Countergradient Variation in Temperature Preference in Populations of KillifishFundulus heteroclitus. Physiological and Biochemical Zoology, 2009, 82, 776-786.	1.5	61
46	Epigenomics in marine fishes. Marine Genomics, 2016, 30, 43-54.	1.1	61
47	Optimum Temperature in Juvenile Salmonids: Connecting Subcellular Indicators to Tissue Function and Whole-Organism Thermal Optimum. Physiological and Biochemical Zoology, 2013, 86, 245-256.	1.5	60
48	Understanding Maladaptation by Uniting Ecological and Evolutionary Perspectives. American Naturalist, 2019, 194, 495-515.	2.1	60
49	Mechanisms and costs of mitochondrial thermal acclimation in a eurythermal killifish (Fundulus) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	59
50	Intraspecific variation in gene expression after seawater transfer in gills of the euryhaline killifish Fundulus heteroclitus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2005, 141, 176-182.	1.8	58
51	Heat shock response of killifish (Fundulus heteroclitus): candidate gene and heterologous microarray approaches. Physiological Genomics, 2010, 41, 171-184.	2.3	58
52	Thermal acclimation and subspecies-specific effects on heart and brain mitochondrial performance in a eurythermal teleost (Fundulus heteroclitus). Journal of Experimental Biology, 2017, 220, 1459-1471.	1.7	56
53	The effect of fasting and refeeding on mRNA expression of PepT1 and gastrointestinal hormones regulating digestion and food intake in zebrafish (Danio rerio). Fish Physiology and Biochemistry, 2012, 38, 1565-1575.	2.3	55
54	Experimental administration of recombinant bovine growth hormone to juvenile rainbow trout (Salmo gairdneri) by injection or by immersion. Aquaculture, 1989, 76, 145-156.	3.5	53

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55	Conservation genomics of Atlantic salmon: variation in gene expression between and within regions of the Bay of Fundy. Molecular Ecology, 2010, 19, 1842-1859.	3.9	52
56	Intraspecific variation in the thermal plasticity of mitochondria in killifish. Journal of Experimental Biology, 2011, 214, 3639-3648.	1.7	51
57	The DNA Methylation Landscape of Stickleback Reveals Patterns of Sex Chromosome Evolution and Effects of Environmental Salinity. Genome Biology and Evolution, 2018, 10, 775-785.	2.5	51
58	REDUCTIONS IN PROLONGED SWIMMING CAPACITY FOLLOWING FRESHWATER COLONIZATION IN MULTIPLE THREESPINE STICKLEBACK POPULATIONS. Evolution; International Journal of Organic Evolution, 2012, 66, 1226-1239.	2.3	50
59	Mechanisms underlying parallel reductions in aerobic capacity in non-migratory threespine stickleback (Gasterosteus aculeatus) populations. Journal of Experimental Biology, 2012, 215, 746-759.	1.7	47
60	Structure and Sequence Conservation of a Putative Hypoxia Response Element in the Lactate Dehydrogenase-B Gene of Fundulus. Biological Bulletin, 2001, 200, 247-251.	1.8	45
61	The Onset Temperature of the Heat-Shock Response and Whole-Organism Thermal Tolerance Are Tightly Correlated in both Laboratory-Acclimated and Field-Acclimatized Tidepool Sculpins (Oligocottus maculosus). Physiological and Biochemical Zoology, 2011, 84, 341-352.	1.5	45
62	Effects of spironolactone and RU486 on gene expression and cell proliferation after freshwater transfer in the euryhaline killifish. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2005, 175, 499-510.	1.5	44
63	Patterns of alternative splicing in response to cold acclimation in fish. Journal of Experimental Biology, 2019, 222, .	1.7	43
64	Don't throw the fish out with the respirometry water. Journal of Experimental Biology, 2019, 222, .	1.7	43
65	Variation in gene expression in response to stress in two populations of Fundulus heteroclitus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2004, 137, 205-216.	1.8	42
66	Changes in gene expression as biochemical adaptations to environmental change: a tribute to Peter Hochachka. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2004, 139, 519-529.	1.6	42
67	Wild Arctic Char (Salvelinus alpinus) Upregulate Gill Na+,K+â€ATPase during Freshwater Migration. Physiological and Biochemical Zoology, 2007, 80, 270-282.	1.5	42
68	Environmental and nutritional regulation of expression and function of two peptide transporter (PepT1) isoforms in a euryhaline teleost. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2012, 161, 379-387.	1.8	42
69	Differential expression of Na+, K+-ATPase Î±-1 isoforms during seawater acclimation in the amphidromous galaxiid fish Galaxias maculatus. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 345-357.	1.5	42
70	Effects of dietary canola oil level on growth performance, fatty acid composition and ionoregulatory development of spring chinook salmon parr, Oncorhynchus tshawytscha. Aquaculture, 2008, 274, 109-117.	3.5	41
71	Gene expression analysis for the identification of selection and local adaptation in fishes. Journal of Fish Biology, 2011, 78, 1-22.	1.6	40
72	Physiology and performance of wild and domestic strains of diploid and triploid rainbow trout (Oncorhynchus mykiss) in response to environmental challenges. Canadian Journal of Fisheries and Aquatic Sciences, 2015, 72, 125-134.	1.4	39

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73	Patterns of mitochondrial membrane remodeling parallel functional adaptations to thermal stress. Journal of Experimental Biology, 2018, 221, .	1.7	39
74	The Mitochondrial Contribution to Animal Performance, Adaptation, and Life-History Variation. Integrative and Comparative Biology, 2018, 58, 480-485.	2.0	39
75	Tolerance traits related to climate change resilience are independent and polygenic. Global Change Biology, 2018, 24, 5348-5360.	9.5	38
76	Effects of the Natural Tidal Cycle and Artificial Temperature Cycling on Hsp Levels in the Tidepool Sculpin Oligocottus maculosus. Physiological and Biochemical Zoology, 2006, 79, 1033-1045.	1.5	37
77	Invertebrate p53-like mRNA isoforms are differentially expressed in mussel haemic neoplasia. Marine Environmental Research, 2008, 66, 412-421.	2.5	36
78	Prior PCB exposure suppresses hypoxia-induced up-regulation of glycolytic enzymes in Fundulus heteroclitus. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2004, 139, 23-29.	2.6	34
79	Integrative Population and Physiological Genomics Reveals Mechanisms of Adaptation in Killifish. Molecular Biology and Evolution, 2018, 35, 2639-2653.	8.9	33
80	Molecular Cloning and Characterization of Two Na/K-ATPase Isoforms in Fundulus heteroclitus. Marine Biotechnology, 2002, 4, 512-519.	2.4	32
81	Regulation of pyruvate dehydrogenase in the common killifish,Fundulus heteroclitus, during hypoxia exposure.. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R979-R990.	1.8	32
82	Mitochondrial genotype and phenotypic plasticity of gene expression in response to cold acclimation in killifish. Molecular Ecology, 2017, 26, 814-830.	3.9	32
83	Effects of dietary canola oil level on growth, fatty acid composition and osmoregulatory ability of juvenile fall chinook salmon (Oncorhynchus tshawytscha). Aquaculture, 2008, 277, 303-312.	3.5	31
84	Correlates of prolonged swimming performance in F2 hybrids of migratory and non-migratory threespine stickleback ecotypes. Journal of Experimental Biology, 2012, 215, 3587-96.	1.7	31
85	Cline coupling and uncoupling in a stickleback hybrid zone. Evolution; International Journal of Organic Evolution, 2016, 70, 1023-1038.	2.3	31
86	Descriptive and functional characterization of variation in theFundulus heteroclitus Ldh-B proximal promoter. , 1996, 275, 355-364.		30
87	Interactive effects of cortisol treatment and ambient seawater challenge on gill Na+,K+-ATPase and CFTR expression in two strains of Atlantic salmon smolts. Aquaculture, 2003, 222, 15-28.	3.5	30
88	Maternal stress has divergent effects on gene expression patterns in the brains of male and female threespine stickleback. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161734.	2.6	29
89	Small changes, big gains: A curriculum-wide study of teaching practices and student learning in undergraduate biology. PLoS ONE, 2019, 14, e0220900.	2.5	29
90	Stress and Interpopulation Variation in Glycolytic Enzyme Activity and Expression in a Teleost Fish Fundulus heteroclitus. Physiological and Biochemical Zoology, 2004, 77, 18-26.	1.5	28

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91	Variations in p53-like cDNA sequence are correlated with mussel haemic neoplasia: A potential molecular-level tool for biomonitoring. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 701, 145-152.	1.7	25
92	Similarities in temperatureâ€dependent gene expression plasticity across timescales in threespine stickleback (Gasterosteus aculeatus). Molecular Ecology, 2018, 27, 2381-2396.	3.9	25
93	Beta-2-microglobulin gene expression is maintained in rainbow trout and Atlantic salmon kept at low temperatures. Fish and Shellfish Immunology, 2006, 21, 176-186.	3.6	24
94	Conserved structure and expression of hsp70 paralogs in teleost fishes. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2016, 18, 10-20.	1.0	24
95	A novel hypoxia-response element in the lactate dehydrogenase-B gene of the killifish Fundulus heteroclitus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 154, 70-77.	1.8	23
96	Interactive effects of salinity and temperature acclimation on gill morphology and gene expression in threespine stickleback. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2018, 221, 55-62.	1.8	23
97	Should I stay or should I go? TheEctodysplasinlocus is associated with behavioural differences in threespine stickleback. Biology Letters, 2009, 5, 788-791.	2.3	22
98	Mitochondria, Temperature, and the Pace of Life. Integrative and Comparative Biology, 2018, 58, 578-590.	2.0	22
99	The association between metabolic rate, immune parameters, and growth performance of rainbow trout, Oncorhynchus mykiss (Walbaum), following the injection of a DNA vaccine alone and concurrently with a polyvalent, oil-adjuvanted vaccine. Fish and Shellfish Immunology, 2010, 28, 387-393.	3.6	21
100	Differential Effects of Temperature on Oxygen Consumption and Branchial Fluxes of Urea, Ammonia, and Water in the Dogfish Shark (Squalus acanthias suckleyi). Physiological and Biochemical Zoology, 2017, 90, 627-637.	1.5	21
101	Claudin-10 isoform expression and cation selectivity change with salinity in salt-secreting epithelia of F. heteroclitus. Journal of Experimental Biology, 2017, 221, .	1.7	21
102	Derivation of a continuous myogenic cell culture from an embryo of common killifish, Fundulus heteroclitus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 175, 15-27.	1.8	20
103	The osmorespiratory compromise: physiological responses and tolerance to hypoxia are affected by salinity acclimation in the euryhaline Atlantic killifish (Fundulus heteroclitus). Journal of Experimental Biology, 2019, 222, .	1.7	20
104	Responses to simulated winter conditions differ between threespine stickleback ecotypes. Molecular Ecology, 2016, 25, 764-775.	3.9	19
105	Steep, coincident, and concordant clines in mitochondrial and nuclearâ€encoded genes in a hybrid zone between subspecies of Atlantic killifish, Fundulus heteroclitus. Ecology and Evolution, 2016, 6, 5771-5787.	1.9	19
106	Evolutionary Physiology and Genomics in the Highly Adaptable Killifish (Fundulus heteroclitus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		18
107	From climate models to planetary habitability: temperature constraints for complex life. International Journal of Astrobiology, 2017, 16, 244-265.	1.6	17
108	Subspecies differences in thermal acclimation of mitochondrial function and the role of uncoupling proteins in killifish. Journal of Experimental Biology, 2018, 221, .	1.7	17

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109	Beyond the Powerhouse: Integrating Mitonuclear Evolution, Physiology, and Theory in Comparative Biology. Integrative and Comparative Biology, 2019, 59, 856-863.	2.0	17
110	Acute temperature effects on metabolic rate, ventilation, diffusive water exchange, osmoregulation, and acidâ€“base status in the Pacific hagfish (Eptatretus stoutii). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2019, 189, 17-35.	1.5	17
111	Linkage arrangement of Na,K-ATPase genes in the tetraploid-derived genome of the rainbow trout (Oncorhynchus mykiss). Animal Genetics, 2004, 35, 321-325.	1.7	16
112	Origins and functional diversification of salinityâ€responsive Na⁺, K⁺<scp>ATP</scp>ase Î±1 paralogs in salmonids. Molecular Ecology, 2014, 23, 3483-3503.	3.9	15
113	Conserved effects of salinity acclimation on thermal tolerance and hsp70 expression in divergent populations of threespine stickleback (Gasterosteus aculeatus). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 879-889.	1.5	15
114	Metabolic and regulatory responses involved in cold acclimation in Atlantic killifish, Fundulus heteroclitus. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2017, 187, 463-475.	1.5	15
115	The effect of acute warming and thermal acclimation on maximum heart rate of the common killifish Fundulus heteroclitus. Journal of Fish Biology, 2019, 95, 1441-1446.	1.6	15
116	The effects of salinity and hypoxia exposure on oxygen consumption, ventilation, diffusive water exchange and ionoregulation in the Pacific hagfish (Eptatretus stoutii). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 232, 47-59.	1.8	15
117	Evidence for a bimodal distribution of hybrid indices in a hybrid zone with high admixture. Royal Society Open Science, 2015, 2, 150285.	2.4	14
118	A rapid intrinsic heart rate resetting response with thermal acclimation in rainbow trout, Oncorhynchus mykiss. Journal of Experimental Biology, 2020, 223, .	1.7	14
119	Acute measures of upper thermal and hypoxia tolerance are not reliable predictors of mortality following environmental challenges in rainbow trout (Oncorhynchus mykiss). , 2021, 9, coab095.		14
120	Growth and performance of Atlantic salmon, Salmo salar L., following administration of a rhabdovirus DNA vaccine alone or concurrently with an oilâ€adjuvanted, polyvalent vaccine. Journal of Fish Diseases, 2008, 31, 687-697.	1.9	13
121	Differential mRNA expression of seven genes involved in cholesterol metabolism and transport in the liver of atherosclerosis-susceptible and -resistant Japanese quail strains. Genetics Selection Evolution, 2012, 44, 20.	3.0	13
122	Low temperature and low salinity drive putatively adaptive growth differences in populations of threespine stickleback. Scientific Reports, 2017, 7, 16766.	3.3	13
123	Setting Conservation Priorities in a Widespread Species: Phylogeographic and Physiological Variation in the Lake Chub, Couesius plumbeus (Pisces: Cyprinidae). Diversity, 2013, 5, 149-165.	1.7	12
124	Phenotypic plasticity and divergence in gene expression. Molecular Ecology, 2015, 24, 3220-3222.	3.9	12
125	Evolutionary adaptations of gene structure and expression in natural populations in relation to a changing environment: A multidisciplinary approach to address the millionâ€year saga of a small fish. The Journal of Experimental Zoology, 1998, 282, 71-94.	1.4	12
126	Thermal Physiology of Warm-Spring Colonists: Variation among Lake Chub (Cyprinidae: Couesius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	11

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127	Ecological proteomics: Finding molecular markers that matter. Molecular Ecology, 2012, 21, 3382-3384.	3.9	11
128	Ionoregulatory aspects of the hypoxia-induced osmorespiratory compromise in the euryhaline Atlantic killifish (Fundulus heteroclitus): the effects of salinity. Journal of Experimental Biology, 2020, 223, .	1.7	11
129	Structure and regulation of the cystic fibrosis transmembrane conductance regulator (CFTR) gene in killifish: A comparative genomics approach. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2008, 3, 172-185.	1.0	10
130	Concurrent injection of a rhabdovirus-specific DNA vaccine with a polyvalent, oil-adjuvanted vaccine delays the specific anti-viral immune response in Atlantic salmon, Salmo salar L.. Fish and Shellfish Immunology, 2010, 28, 579-586.	3.6	10
131	The effect of dietary fish oil and poultry fat replacement with canola oil on swimming performance and metabolic response to hypoxia in stream type spring Chinook salmon parr. Aquaculture, 2010, 308, 183-189.	3.5	10
132	Growth Acceleration of Seawater-Adapted Female Chinook Salmon Oncorhynchus tshawytscha by Constant Infusion of Recombinant Bovine Growth-Hormone Under Ambient Summer Conditions. Journal of the World Aquaculture Society, 1989, 20, 181-187.	2.4	9
133	Optimization of differential display polymerase chain reaction as a bioindicator for the cladoceranDaphnia magna. Environmental Toxicology, 2004, 19, 179-190.	4.0	8
134	Supra-physiological levels of cortisol suppress lysozyme but not the antibody response in Atlantic salmon, Salmo salar L., following vaccine injection. Aquaculture, 2010, 300, 223-230.	3.5	8
135	Mitochondrial Ecophysiology: Assessing the Evolutionary Forces That Shape Mitochondrial Variation. Integrative and Comparative Biology, 2019, 59, 925-937.	2.0	8
136	Mitochondria, sex and variation in routine metabolic rate. Molecular Ecology, 2019, 28, 4608-4619.	3.9	6
137	Comparing functional similarity between a native and an alien slug in temperate rain forests of British Columbia. NeoBiota, 0, 25, 1-14.	1.0	3
138	Gene expression and latitudinal variation in the stress response in Fundulus heteroclitus. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2022, 268, 111188.	1.8	3
139	Dietary lipid composition affects the gene expression of gill Na+/K+-ATPase Î±1b but not the Î±1a isoform in juvenile fall chinook salmon (Oncorhynchus tshawytscha). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2010, 180, 141-149.	1.5	2
140	Growth genes are implicated in the evolutionary divergence of sympatric piscivorous and insectivorous rainbow trout (Oncorhynchus mykiss). Bmc Ecology and Evolution, 2021, 21, 63.	1.6	2
141	How fish cope with changing environments: Insights from comparative genomics. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 148, 462.	2.6	1
142	Osmorespiratory compromise in an elasmobranch: oxygen consumption, ventilation and nitrogen metabolism during recovery from exhaustive exercise in dogfish sharks (Squalus suckleyi). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 0, , .	1.5	0