Pung-Pung Hwang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5045306/publications.pdf

Version: 2024-02-01

124 papers	6,894 citations	43973 48 h-index	66788 78 g-index
125 all docs	125 docs citations	125 times ranked	3505 citing authors

#	Article	IF	Citations
1	New insights into fish ion regulation and mitochondrion-rich cells. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 148, 479-497.	0.8	431
2	Ion regulation in fish gills: recent progress in the cellular and molecular mechanisms. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R28-R47.	0.9	389
3	Evidence for an apical Naâ€“Cl cotransporter involved in ion uptake in a teleost fish. Journal of Experimental Biology, 2008, 211, 2584-2599.	0.8	239
4	Some insights into energy metabolism for osmoregulation in fish. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2008, 148, 419-429.	1.3	233
5	Proton pump-rich cell secretes acid in skin of zebrafish larvae. American Journal of Physiology - Cell Physiology, 2006, 290, C371-C378.	2.1	178
6	Structure and function of ionocytes in the freshwater fish gill. Respiratory Physiology and Neurobiology, 2012, 184, 282-292.	0.7	171
7	Gene expression of Na⁺/H⁺exchanger in zebrafish H⁺-ATPase-rich cells during acclimation to low-Na⁺and acidic environments. American Journal of Physiology - Cell Physiology, 2007, 293, C1814-C1823.	2.1	160
8	Ion uptake and acid secretion in zebrafish (Danio rerio). Journal of Experimental Biology, 2009, 212, 1745-1752.	0.8	157
9	Zebrafish as an animal model to study ion homeostasis. Pflugers Archiv European Journal of Physiology, 2013, 465, 1233-1247.	1.3	151
10	Ammonium-dependent sodium uptake in mitochondrion-rich cells of medaka (Oryzias latipes) larvae. American Journal of Physiology - Cell Physiology, 2010, 298, C237-C250.	2.1	140
11	Ammonia excretion by the skin of zebrafish (Danio rerio) larvae. American Journal of Physiology - Cell Physiology, 2008, 295, C1625-C1632.	2.1	134
12	A Positive Regulatory Loop between foxi3a and foxi3b Is Essential for Specification and Differentiation of Zebrafish Epidermal Ionocytes. PLoS ONE, 2007, 2, e302.	1.1	127
13	Knockdown of V-ATPase subunit A (atp6v1a) impairs acid secretion and ion balance in zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /O R2068-R2076.	0.9	121
14	Epithelial Ca2+ channel expression and Ca2+ uptake in developing zebrafish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1202-R1211.	0.9	117
15	Role of SLC12A10.2, a Na-Cl cotransporter-like protein, in a Cl uptake mechanism in zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Ov R1650-R1660.	0.9	115
16	Differential expression of branchial Na+/K+-ATPase of two medaka species, Oryzias latipes and Oryzias dancena, with different salinity tolerances acclimated to fresh water, brackish water and seawater. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2008, 151, 566-575.	0.8	108
17	Carbonic anhydrase 2-like a and 15a are involved in acid-base regulation and Na+ uptake in zebrafish H+-ATPase-rich cells. American Journal of Physiology - Cell Physiology, 2008, 294, C1250-C1260.	2.1	107
18	Osmoregulation in zebrafish: ion transport mechanisms and functional regulation. EXCLI Journal, 2015, 14, 627-59.	0.5	106

#	Article	IF	Citations
19	A new model for fish ion regulation: identification of ionocytes in freshwater- and seawater-acclimated medaka (Oryzias latipes). Cell and Tissue Research, 2014, 357, 225-243.	1.5	105
20	Rhcg1 and NHE3b are involved in ammonium-dependent sodium uptake by zebrafish larvae acclimated to low-sodium water. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R84-R93.	0.9	102
21	Exploring Uncoupling Proteins and Antioxidant Mechanisms under Acute Cold Exposure in Brains of Fish. PLoS ONE, 2011, 6, e18180.	1.1	91
22	Morphological and functional classification of ion-absorbing mitochondria-rich cells in the gills of Mozambique tilapia. Journal of Experimental Biology, 2009, 212, 1003-1010.	0.8	85
23	Expression and water calcium dependence of calcium transporter isoforms in zebrafish gill mitochondrion-rich cells. BMC Genomics, 2007, 8, 354.	1.2	84
24	Effects of stanniocalcin 1 on calcium uptake in zebrafish (Danio rerio) embryo. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R549-R557.	0.9	84
25	Functional regulation of H⁺-ATPase-rich cells in zebrafish embryos acclimated to an acidic environment. American Journal of Physiology - Cell Physiology, 2009, 296, C682-C692.	2.1	83
26	Effects of hypothermia on gene expression in zebrafish gills:upregulation in differentiation and function of ionocytes as compensatory responses. Journal of Experimental Biology, 2008, 211, 3077-3084.	0.8	80
27	Development of zebrafish epidermis. Birth Defects Research Part C: Embryo Today Reviews, 2011, 93, 205-214.	3.6	79
28	Time-course changes in the expression of Na, K-ATPase and the morphometry of mitochondrion-rich cells in gills of euryhaline tilapia (Oreochromis mossambicus) during freshwater acclimation. The Journal of Experimental Zoology, 2004, 301A, 85-96.	1.4	78
29	Mitochondria-rich cells in the branchial epithelium of the teleost,Oreochromis mossambicus, acclimated to various hypotonic environments. Fish Physiology and Biochemistry, 1996, 15, 513-523.	0.9	73
30	Regulation of glycogen metabolism in gills and liver of the euryhaline tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 3494-3504.	0.8	72
31	Anion exchanger 1b, but not sodium-bicarbonate cotransporter 1b, plays a role in transport functions of zebrafish H⁺-ATPase-rich cells. American Journal of Physiology - Cell Physiology, 2011, 300, C295-C307.	2.1	71
32	CO2-driven seawater acidification differentially affects development and molecular plasticity along life history of fish (Oryzias latipes). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 119-130.	0.8	71
33	Glucocorticoid Receptor, but Not Mineralocorticoid Receptor, Mediates Cortisol Regulation of Epidermal Ionocyte Development and Ion Transport in Zebrafish (Danio Rerio). PLoS ONE, 2013, 8, e77997.	1.1	71
34	Salinity-dependent expression of a Na+, K+, 2Clâ^' cotransporter in gills of the brackish medaka Oryzias dancena: A molecular correlate for hyposmoregulatory endurance. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, 7-18.	0.8	67
35	Ambient Salinity Modulates the Expression of Sodium Pumps in Branchial Mitochondria-Rich Cells of Mozambique Tilapia, Oreochromis mossambicus. Zoological Science, 2003, 20, 29-36.	0.3	66
36	Effect of environmental calcium levels on calcium uptake in tilapia larvae Oreochromis mossambicus. Fish Physiology and Biochemistry, 1996, 15, 363-370.	0.9	64

#	Article	IF	Citations
37	Reverse Effect of Mammalian Hypocalcemic Cortisol in Fish: Cortisol Stimulates Ca2+ Uptake via Glucocorticoid Receptor-Mediated Vitamin D3 Metabolism. PLoS ONE, 2011, 6, e23689.	1.1	64
38	Gene Expression of Na+-K+-ATPase a1 and a3 Subunits in Gills of the Teleost Oreochromis mossambicus, Adapted to Different Environmental Salinities. Marine Biotechnology, 2002, 4, 379-391.	1.1	62
39	Distribution of chloride cells in teleost larvae. Journal of Morphology, 1989, 200, 1-8.	0.6	59
40	Comparisons of calcium regulation in fish larvae. The Journal of Experimental Zoology, 2003, 295A, 127-135.	1.4	59
41	Specific expression and regulation of glucose transporters in zebrafish ionocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R275-R290.	0.9	59
42	Expression regulation of Na⁺-K⁺-ATPase Î±1-subunit subtypes in zebrafish gill ionocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1897-R1906.	0.9	59
43	The transcription factor, glial cell missing 2, is involved in differentiation and functional regulation of H⁺-ATPase-rich cells in zebrafish (Danio rerio). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1192-R1201.	0.9	56
44	Action of Vitamin D and the Receptor, VDRa, in Calcium Handling in Zebrafish (Danio rerio). PLoS ONE, 2012, 7, e45650.	1.1	56
45	Calcium balance in embryos and larvae of the freshwater-adapted teleost, Oreochromis mossambicus. Fish Physiology and Biochemistry, 1994, 13, 325-333.	0.9	53
46	Chloride transport in mitochondrion-rich cells of euryhaline tilapia (Oreochromis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (moss	2.1	52
47	Isotocin controls ion regulation through regulating ionocyte progenitor differentiation and proliferation. Cellular and Molecular Life Sciences, 2011, 68, 2797-2809.	2.4	52
48	Cortisol promotes differentiation of epidermal ionocytes through Foxi3 transcription factors in zebrafish (Danio rerio). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 164, 249-257.	0.8	50
49	Calcium-Sensing Receptor Mediates Ca2+ Homeostasis by Modulating Expression of PTH and Stanniocalcin. Endocrinology, 2014, 155, 56-67.	1.4	50
50	The Control of Calcium Metabolism in Zebrafish (Danio rerio). International Journal of Molecular Sciences, 2016, 17, 1783.	1.8	50
51	Complete Genomic Organization and Promoter Analysis of the Round-Spotted PufferfishJAK1,JAK2,JAK3, andTYK2 Genes. DNA and Cell Biology, 2000, 19, 431-446.	0.9	45
52	Differential responses in gills of euryhaline tilapia, Oreochromis mossambicus, to various hyperosmotic shocks. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2009, 152, 544-551.	0.8	44
53	Compensatory regulation of Na+ absorption by Na+/H+ exchanger and Na+-Cl- cotransporter in zebrafish (Danio rerio). Frontiers in Zoology, 2013, 10, 46.	0.9	43
54	Multicellular complex of chloride cells in the gills of freshwater teleosts. Journal of Morphology, 1988, 196, 15-22.	0.6	42

#	Article	IF	Citations
55	Glycogen phosphorylase in glycogen-rich cells is involved in the energy supply for ion regulation in fish gill epithelia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R482-R491.	0.9	42
56	Novel discoveries in acid-base regulation and osmoregulation: A review of selected hormonal actions in zebrafish and medaka. General and Comparative Endocrinology, 2019, 277, 20-29.	0.8	40
57	Mitochondria-rich cell activity in the yolk-sac membrane of tilapia(Oreochromis mossambicus) larvae acclimatized to different ambient chloride levels. Journal of Experimental Biology, 2004, 207, 1335-1344.	0.8	39
58	Ionic and acidâ€“base regulation. Fish Physiology, 2010, 29, 311-344.	0.2	39
59	Clâ^'Uptake Mechanism in Freshwaterâ€Adapted Tilapia (Oreochromis mossambicus). Physiological and Biochemical Zoology, 2004, 77, 406-414.	0.6	37
60	Morphometric model and laboratory analysis of intracohort cannibalism in giant grouper Epinephelus lanceolatus fry. Fisheries Science, 2004, 70, 482-486.	0.7	36
61	How can teleostean inner ear hair cells maintain the proper association with the accreting otolith?. Journal of Comparative Neurology, 2005, 488, 331-341.	0.9	36
62	Involvement of calcitonin and its receptor in the control of calcium-regulating genes and calcium homeostasis in zebrafish (Danio rerio). Journal of Bone and Mineral Research, 2011, 26, 1072-1083.	3.1	36
63	Development in a naturally acidified environment: Na+/H+-exchanger 3-based proton secretion leads to CO2 tolerance in cephalopod embryos. Frontiers in Zoology, 2013, 10, 51.	0.9	36
64	Thyroid hormones are necessary for the metamorphosis of tarpon Megalops cyprinoides leptocephali. Journal of Experimental Marine Biology and Ecology, 2006, 331, 121-132.	0.7	34
65	Acid secretion by mitochondrion-rich cells of medaka (Oryzias latipes) acclimated to acidic freshwater. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R283-R291.	0.9	34
66	Evolution of extreme stomach pH in bilateria inferred from gastric alkalization mechanisms in basal deuterostomes. Scientific Reports, 2015, 5, 10421.	1.6	34
67	Insights into molecular and cellular mechanisms of hormonal actions on fish ion regulation derived from the zebrafish model. General and Comparative Endocrinology, 2017, 251, 12-20.	0.8	34
68	Stimulation of Clâ^' Uptake and Morphological Changes in Gill Mitochondriaâ€Rich Cells in Freshwater Tilapia (Oreochromis mossambicus). Physiological and Biochemical Zoology, 2003, 76, 544-552.	0.6	33
69	Stanniocalcin-1 Controls Ion Regulation Functions of Ion-transporting Epithelium Other than Calcium Balance. International Journal of Biological Sciences, 2015, 11, 122-132.	2.6	33
70	Homeostatic Responses to Osmotic Stress. Fish Physiology, 2016, , 207-249.	0.2	33
71	Plasma membrane calcium ATPase required for semicircular canal formation and otolith growth in the zebrafish inner ear. Journal of Experimental Biology, 2009, 212, 639-647.	0.8	32
72	Immune localization of prolactin receptor in the mitochondria-rich cells of the euryhaline teleost (Oreochromis mossambicus) gill. FEBS Letters, 1997, 405, 91-94.	1.3	31

#	Article	IF	Citations
73	Molecular Physiology of an Extra-renal Cl⁻ Uptake Mechanism for Body Fluid Cl⁻ Homeostasis. International Journal of Biological Sciences, 2015, 11, 1190-1203.	2.6	30
74	Cortisol regulates sodium homeostasis by stimulating the transcription of sodium-chloride transporter (NCC) in zebrafish (Danio rerio). Molecular and Cellular Endocrinology, 2016, 422, 93-102.	1.6	30
75	Expression Profiles of Branchial FXYD Proteins in the Brackish Medaka Oryzias dancena: A Potential Saltwater Fish Model for Studies of Osmoregulation. PLoS ONE, 2013, 8, e55470.	1.1	30
76	Branchial NH4+-dependent acidâ€“base transport mechanisms and energy metabolism of squid (Sepioteuthis lessoniana) affected by seawater acidification. Frontiers in Zoology, 2014, 11, .	0.9	29
77	Isoform expression of Na+-K+-ATPase Î±-subunit in gills of the teleostOreochromis mossambicus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R926-R932.	0.9	28
78	New insights into ion regulation of cephalopod molluscs: a role of epidermal ionocytes in acid-base regulation during embryogenesis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1700-R1709.	0.9	27
79	Cortisol Regulates Acid Secretion of H+-ATPase-rich Ionocytes in Zebrafish (Danio rerio) Embryos. Frontiers in Physiology, 2015, 6, 328.	1.3	27
80	Assessment of the role of cortisol and corticosteroid receptors in epidermal ionocyte development in the medaka (Oryzias latipes) embryos. General and Comparative Endocrinology, 2013, 194, 152-161.	0.8	24
81	Environmental and cortisol-mediated control of Ca2+ uptake in tilapia (Oreochromis mossambicus). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 323-332.	0.7	24
82	The acute and regulatory phases of time-course changes in gill mitochondrion-rich cells of seawater-acclimated medaka (Oryzias dancena) when exposed to hypoosmotic environments. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 164, 181-191.	0.8	23
83	Brain functioning under acute hypothermic stress supported by dynamic monocarboxylate utilization and transport in ectothermic fish. Frontiers in Zoology, 2014, 11, .	0.9	22
84	White Spot Syndrome Virus Protein Kinase 1 Defeats the Host Cell's Iron-Withholding Defense Mechanism by Interacting with Host Ferritin. Journal of Virology, 2015, 89, 1083-1093.	1.5	22
85	Salt secretion is linked to acid-base regulation of ionocytes in seawater-acclimated medaka: new insights into the salt-secreting mechanism. Scientific Reports, 2016, 6, 31433.	1.6	22
86	Expression of Ol-foxi3 and Na+/K+-ATPase in ionocytes during the development of euryhaline medaka (Oryzias latipes) embryos. Gene Expression Patterns, 2010, 10, 185-192.	0.3	21
87	Differential regulation of Tetraodon nigroviridis Mx gene promoter activity by constitutively-active forms of STAT1, STAT2, and IRF9. Fish and Shellfish Immunology, 2014, 38, 230-243.	1.6	21
88	Multiple signaling factors and drugs alleviate neuronal death induced by expression of human and zebrafish tau proteins in vivo. Journal of Biomedical Science, 2016, 23, 25.	2.6	20
89	Morphological changes of integumental chloride cells to ambient cadmium during the early development of the teleost, Oreochromis mossambicus. Environmental Biology of Fishes, 1996, 45, 95-102.	0.4	18
90	Ca2+ uptake and Cd2+ accumulation in larval tilapia (Oreochromis mossambicus) acclimated to waterborne Cd2+. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 274, R1570-R1577.	0.9	17

#	Article	IF	Citations
91	Did Acidic Stress Resistance in Vertebrates Evolve as Na⁺/H⁺ Exchangerâ€Mediated Ammonia Excretion in Fish?. BioEssays, 2020, 42, e1900161.	1.2	17
92	Perfused Gills Reveal Fundamental Principles of pH Regulation and Ammonia Homeostasis in the Cephalopod Octopus vulgaris. Frontiers in Physiology, 2017, 8, 162.	1.3	16
93	Zebrafish Klf4 maintains the ionocyte progenitor population by regulating epidermal stem cell proliferation and lateral inhibition. PLoS Genetics, 2019, 15, e1008058.	1.5	16
94	Specialized adaptations allow vent-endemic crabs (Xenograpsus testudinatus) to thrive under extreme environmental hypercapnia. Scientific Reports, 2020, 10, 11720.	1.6	16
95	Evaluation of thyroid-mediated otolith growth of larval and juvenile tilapia. Journal of Experimental Biology, 2008, 211, 1919-1926.	0.8	15
96	Endothelin-1 Regulates H+-ATPase-Dependent Transepithelial H+ Secretion in Zebrafish. Endocrinology, 2014, 155, 1728-1737.	1.4	15
97	Induction of Phosphoenolpyruvate Carboxykinase (PEPCK) during Acute Acidosis and Its Role in Acid Secretion by V-ATPase-Expressing Ionocytes. International Journal of Biological Sciences, 2015, 11, 712-725.	2.6	15
98	Phenotypic Changes in Mitochondrion-Rich Cells and Responses of Na+/K+-ATPase in Gills of Tilapia Exposed to Deionized Water. Zoological Science, 2008, 25, 205-211.	0.3	14
99	Functional analysis of the glucose transporters-1Î±, -6, and -13.1 expressed by zebrafish epithelial cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R321-R329.	0.9	13
100	Role of Calcium-Sensing Receptor in Mechanotransducer-Channel-Mediated Ca2+ Influx in Hair Cells of Zebrafish Larvae. Frontiers in Physiology, 2018, 9, 649.	1.3	13
101	Recent advances in understanding trans-epithelial acid-base regulation and excretion mechanisms in cephalopods. Tissue Barriers, 2015, 3, e1064196.	1.6	11
102	Androgen induced cellular proliferation, neurogenesis, and generation of GnRH3 neurons in the brain of mature female Mozambique tilapia. Scientific Reports, 2018, 8, 16855.	1.6	11
103	Logistic regression analysis applied to cannibalism in the giant grouper Epinephelus lanceolatus fry. Fisheries Science, 2007, 73, 472-474.	0.7	9
104	Gluconeogenesis and glycogen metabolism during development of Pacific abalone,Haliotis discus hannai. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R619-R633.	0.9	8
105	Spatial expression and functional flexibility of monocarboxylate transporter isoforms in the zebrafish brain. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 165, 106-118.	0.8	7
106	Zebrafish cyclin Dx is required for development of motor neuron progenitors and its expression is regulated by hypoxia-inducible factor 2Î±. Scientific Reports, 2016, 6, 28297.	1.6	7
107	The Nogo-C2/Nogo Receptor Complex Regulates the Morphogenesis of Zebrafish Lateral Line Primordium through Modulating the Expression of dkk1b, a Wnt Signal Inhibitor. PLoS ONE, 2014, 9, e86345.	1.1	7
108	Oestrogen-related receptor Î± is required for transepithelial H + secretion in zebrafish. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20152582.	1.2	6

#	Article	IF	Citations
109	Molecular Physiology of the Hypocalcemic Action of Fibroblast Growth Factor 23 in Zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	6
110	Cortisol and glucocorticoid receptor 2 regulate acid secretion in medaka (Oryzias latipes) larvae. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2021, 191, 855-864.	0.7	6
111	Comparison of Calcium Balancing Strategies During Hypothermic Acclimation of Tilapia (Oreochromis) Tj ETQq1 1 0.784314 rgBT /Ov	1.3	5
112	In Vivo Functional Assay in Fish Gills: Exploring Branchial Acid-Excreting Mechanisms in Zebrafish. International Journal of Molecular Sciences, 2022, 23, 4419.	1.8	5
113	A novel function of calcitonin gene-related peptide in body fluid Cl â^' homeostasis. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160684.	1.2	4
114	Arginine Vasopressin Modulates Ion and Acid/Base Balance by Regulating Cell Numbers of Sodium Chloride Cotransporter and H+-ATPase Rich Ionocytes. International Journal of Molecular Sciences, 2020, 21, 3957.	1.8	4
115	Estrogen-related receptor Î³2 controls NaCl uptake to maintain ionic homeostasis. Journal of Endocrinology, 2021, 251, 149-159.	1.2	4
116	Immunoelectron Microscopical Study of Prolactin in Pituitary of Tilapia (Orochromis mossambicus).. Acta Histochemica Et Cytochemica, 1993, 26, 203-211.	0.8	3
117	Adaptive metabolic responses in a thermostabilized environment: Transgenerational trade-off implications from tropical tilapia. Science of the Total Environment, 2021, 806, 150672.	3.9	2
118	Molecular physiological exploration beyond the transcriptome. Focus on â€œMolecular mechanisms underlying active desalination and low water permeability in the esophagus of eels acclimated to seawaterâ€• American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 312, R229-R230.	0.9	0
119	Expression of the Glucose Transporter Isoforms in Zebrafish. FASEB Journal, 2006, 20, .	0.2	0
120	Convergence of acidâ€base regulation in embryonic cephalopod and fish. FASEB Journal, 2012, 26, 1070.1.	0.2	0
121	Reverse effect of mammalian hypocalcemic cortisol in fish: cortisol stimulates Ca2+ uptake via glucocorticoid receptorâ€mediated vitamin D3 metabolism. FASEB Journal, 2012, 26, 1070.6.	0.2	0
122	Exploring acid secretion machinery in embryos of marine mollusks cephalopod under hypercapnic environment. FASEB Journal, 2013, 27, .	0.2	0
123	Using inner opercular membranes to replace branchial epithelia for comparing the chloride permeability and cell turnovers between freshwaterâ€and seawaterâ€type ionocytes of the brackish medaka, Oryzias dancena. FASEB Journal, 2013, 27, 714.7.	0.2	0
124	The early life stages of the orange-spotted grouper, Epinephelus coioides, exhibit robustness to hypercapnia. ICES Journal of Marine Science, 2020, 77, 1066-1074.	1.2	0