

CITATION REPORT

List of articles citing

Hormonal control of salt and water balance in vertebrates

DOI: 10.1016/j.ygcen.2005.12.009

General and Comparative Endocrinology, 2006, 147, 3-8.

Source: <https://exaly.com/paper-pdf/40743897/citation-report.pdf>

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
225	Analysis of antidiuretic effect of arginine-vasotocin and its analogs in primates. 2006 , 142, 714-6		
224	Prolactin gene expression and gill chloride cell activity in fugu <i>Takifugu rubripes</i> exposed to a hypoosmotic environment. <i>General and Comparative Endocrinology</i> , 2006 , 149, 285-93	3	32
223	Effect of osmotic shrinkage and hormones on the expression of Na ⁺ /H ⁺ exchanger-1, Na ⁺ /K ⁺ /2Cl ⁻ cotransporter and Na ⁺ /K ⁺ -ATPase in gill pavement cells of freshwater adapted Japanese eel, <i>Anguilla japonica</i> . <i>Journal of Experimental Biology</i> , 2007 , 210, 2113-20	3	41
222	Control of Calcium Balance in Fish. 2007 , 427-495		3
221	Study of goldfish (<i>Carassius auratus</i>) growth hormone structure-function relationship by domain swapping. 2007 , 146, 384-94		7
220	Expression of endocrine genes in zebrafish larvae in response to environmental salinity. 2007 , 193, 481-91		65
219	Osmotic stress sensing and signaling in fishes. 2007 , 274, 5790-8		129
218	Cortisol is necessary for seawater tolerance in larvae of a marine teleost the summer flounder. <i>General and Comparative Endocrinology</i> , 2007 , 151, 116-21	3	16
217	Salinity adaptation and gene profiling analysis in the European eel (<i>Anguilla anguilla</i>) using microarray technology. <i>General and Comparative Endocrinology</i> , 2007 , 152, 274-80	3	43
216	The influence of ploidy on saltwater adaptation, acute stress response and immune function following seawater transfer in non-smolting rainbow trout. <i>General and Comparative Endocrinology</i> , 2007 , 152, 314-25	3	60
215	Evidence for the onset of feedback regulation of cortisol in larval summer flounder. <i>General and Comparative Endocrinology</i> , 2007 , 154, 105-10	3	13
214	Cortisol and prolactin modulation of caudal neurosecretory system activity in the euryhaline flounder <i>Platichthys flesus</i> . 2008 , 151, 71-7		8
213	Growth, food intake regulation and metabolic adaptations in goldfish (<i>Carassius auratus</i>) exposed to different salinities. 2008 , 276, 171-178		60
212	Can gut hormones control appetite and prevent obesity?. 2008 , 31 Suppl 2, S284-9		46
211	Cholinergic regulation of ghrelin and peptide YY release may be impaired in obesity. 2008 , 57, 2332-40		27
210	The genetic basis of smoltification-related traits in <i>Oncorhynchus mykiss</i> . 2008 , 179, 1559-75		124
209	Osmotic and Ionic Regulation in Fishes. 2008 , 295-366		2

208	Resistin-like molecule alpha decreases glucose tolerance during intestinal inflammation. 2009 , 182, 2357-63	35
207	Chapter 8 The Neuroendocrine Regulation of Fluid Intake and Fluid Balance. 2009 , 365-419	14
206	Effect of chronic estradiol administration on vimentin and GFAP immunohistochemistry within the inner ear. 2009 , 35, 201-8	4
205	Relative in vitro seasonal effects of vasotocin and isotocin on ovarian steroid hormone levels in the catfish <i>Heteropneustes fossilis</i> . <i>General and Comparative Endocrinology</i> , 2009 , 162, 257-64	3 32
204	Osmoregulatory responses of expression of vasotocin, isotocin, prolactin and growth hormone genes following hypoosmotic challenge in a stenohaline marine teleost, tiger puffer (<i>Takifugu rubripes</i>). 2009 , 154, 353-9	17
203	Structural and functional evolution of vertebrate neuroendocrine stress systems. 2009 , 1163, 1-16	157
202	Apolipoprotein A-I, a hyperosmotic adaptation-related protein in ayu (<i>Plecoglossus altivelis</i>). 2009 , 152, 196-201	20
201	Growth performance and osmoregulation in the shi drum (<i>Umbrina cirrosa</i>) adapted to different environmental salinities. 2009 , 287, 203-210	32
200	Chapter 1 Neuroendocrine Systems of the Fish Brain. 2009 , 28, 3-74	47
199	An involvement of vasotocin in oocyte hydration in the catfish <i>Heteropneustes fossilis</i> : A comparison with effects of isotocin and hCG. <i>General and Comparative Endocrinology</i> , 2010 , 166, 504-12 ³	22
198	High resolution stereoscopic volume visualization of the mouse arginine vasopressin system. 2010 , 187, 41-5	2
197	Co-ordination of osmotic stress responses through osmosensing and signal transduction events in fishes. 2010 , 76, 1903-25	42
196	Influences of the environment on the endocrine and paracrine fish growth hormone-insulin-like growth factor-I system. 2010 , 76, 1233-54	150
195	Influences of hypertonic and hypovolemic treatments on vasopressin response in propylthiouracil (PTU) induced hypothyroid rat and effect on supplementation with L-thyroxine. 2010 , 61, 1-9	3
194	Brain imaging studies of appetite in the context of obesity and the menstrual cycle. 2010 , 16, 276-92	47
193	PYY3-36 and oxyntomodulin can be additive in their effect on food intake in overweight and obese humans. 2010 , 59, 1635-9	95
192	Effects of experimental manipulations of salinity and maturation status on the physiological condition and mortality of homing adult sockeye salmon held in a laboratory. 2010 , 83, 459-72	21
191	Thirst and hydration: physiology and consequences of dysfunction. 2010 , 100, 15-21	130

190	Changes in plasma melatonin levels and pineal organ melatonin synthesis following acclimation of rainbow trout (<i>Oncorhynchus mykiss</i>) to different water salinities. <i>Journal of Experimental Biology</i> , 2011 , 214, 928-36	3	23
189	OSMOTIC, IONIC AND NITROGENOUS-WASTE BALANCE Water Balance and Aquaporin. 2011 , 1366-1372		
188	Zebrafish in endocrine systems: recent advances and implications for human disease. 2011 , 73, 183-211		136
187	Dual in vitro effects of cortisol on cell turnover in the medaka esophagus via the glucocorticoid receptor. 2011 , 88, 239-45		12
186	Renal filtration and reabsorption of GFP in <i>Rana temporaria</i> : Effect of arginine-vasotocin. 2011 , 47, 59-68		4
185	Animal models for depression and the mismatch hypothesis of disease. 2011 , 36, 330-8		136
184	Dynamic gene expression of GH/PRL-family hormone receptors in gill and kidney during freshwater-acclimation of Mozambique tilapia. 2011 , 158, 194-200		41
183	Tubular GFP uptake pattern in the rat and frog kidneys. 2011 , 160, 175-83		9
182	Zebrafish eggs used as bioreactors for the production of bioactive tilapia insulin-like growth factors. 2011 , 20, 73-83		10
181	Occurrence of ghrelin-producing cells, the ghrelin receptor and Na ⁺ ,K ⁺ -ATPase in tissues of Atlantic halibut (<i>Hippoglossus hippoglossus</i>) during early development. 2011 , 344, 481-98		12
180	Isotocin controls ion regulation through regulating ionocyte progenitor differentiation and proliferation. 2011 , 68, 2797-809		46
179	Role of salsolinol in the regulation of pituitary prolactin and peripheral dopamine release. 2011 , 10, 143-151		5
178	Modulation of ion transporter expression in gill mitochondrion-rich cells of eels acclimated to low-Na(+) or-Cl(-) freshwater. 2011 , 315, 385-93		5
177	Species extrapolation for the 21st century. 2011 , 30, 52-63		54
176	Glucocorticoid and mineralocorticoid receptors regulate paracellular permeability in a primary cultured gill epithelium. <i>Journal of Experimental Biology</i> , 2011 , 214, 2308-18	3	55
175	Differential effects of cortisol and 11-deoxycorticosterone on ion transport protein mRNA levels in gills of two euryhaline teleosts, Mozambique tilapia (<i>Oreochromis mossambicus</i>) and striped bass (<i>Morone saxatilis</i>). 2011 , 209, 115-26		32
174	Diet and gastrointestinal bypass-induced weight loss: the roles of ghrelin and peptide YY. 2011 , 60, 810-8		113
173	Human corin isoforms with different cytoplasmic tails that alter cell surface targeting. 2011 , 286, 20963-9		30

172	Effect of different levels of salinity on gill and kidney function in common carp <i>Cyprinus carpio</i> (Pisces: Cyprinidae). 2011 , 78, 298-303		9
171	Serum prolactin and macroprolactin in heart failure: no relation to established laboratory or clinical parameters. 2011 , 48, 51-6		7
170	Advances in deoxynivalenol toxicity mechanisms: the brain as a target. 2012 , 4, 1120-38		64
169	Cortisol regulates Na ⁺ uptake in zebrafish, <i>Danio rerio</i> , larvae via the glucocorticoid receptor. 2012 , 364, 113-25		68
168	Changes in insulin-like growth factor-1 and IGF-binding protein-3 in camel plasma during dehydration in the presence and absence of losartan. 2012 , 21, 1745-1749		
167	Daily rhythms of digestive physiology, metabolism and behaviour in the European eel (<i>Anguilla anguilla</i>). 2012 , 20, 1085-1096		18
166	Breeding, embryonic development and salinity tolerance of Skunk clownfish <i>Amphiprion akallopisos</i> . 2012 , 24, 201-209		13
165	Effect of a water-rich diet on adrenal zona glomerulosa in <i>Gerbillus tarabuli</i> . 2012 , 335, 96-102		4
164	Hormonal Control of Fish Euryhalinity. 2012 , 69-123		17
163	Tight junctions, tight junction proteins and paracellular permeability across the gill epithelium of fishes: a review. 2012 , 184, 269-81		128
162	Mechanisms and regulation of Na(+) uptake by freshwater fish. 2012 , 184, 249-56		51
161	Growth, osmoregulation and endocrine changes in wild Atlantic salmon smolts and post-smolts during marine migration. 2012 , 362-363, 127-136		33
160	Effects of dehydration on cardiovascular development in the embryonic American alligator (<i>Alligator mississippiensis</i>). 2012 , 162, 252-8		13
159	Osmoreception: perspectives on signal transduction and environmental modulation. <i>General and Comparative Endocrinology</i> , 2012 , 176, 354-60	3	32
158	Estrogen regulation of brain vasotocin secretion in the catfish <i>Heteropneustes fossilis</i> : an interaction with catecholaminergic system. <i>General and Comparative Endocrinology</i> , 2012 , 175, 206-13	3	7
157	Recombinant human leptin attenuates stress axis activity in common carp (<i>Cyprinus carpio</i> L.). <i>General and Comparative Endocrinology</i> , 2012 , 178, 75-81	3	48
156	Osmoregulatory ability and stress responses during freshwater adaptation of black porgy (<i>Acanthopagrus schlegelii</i>) treated with exogenous prolactin. 2012 , 43, 1891-1899		3
155	Zebrafish as an animal model to study ion homeostasis. 2013 , 465, 1233-47		119

154	Endocrine regulation of prolactin cell function and modulation of osmoreception in the Mozambique tilapia. <i>General and Comparative Endocrinology</i> , 2013 , 192, 191-203	3	21
153	Prolactin regulates transcription of the ion uptake Na ⁺ /Cl ⁻ cotransporter (ncc) gene in zebrafish gill. 2013 , 369, 98-106		48
152	Effects of salinity on the immune response of an osmotic generalist bird. 2013 , 171, 61-9		15
151	The role of mineralocorticoids in teleost fish: relative importance of glucocorticoid signaling in the osmoregulation and central actions of mineralocorticoid receptor. <i>General and Comparative Endocrinology</i> , 2013 , 181, 223-8	3	79
150	Assessment of the role of cortisol and corticosteroid receptors in epidermal ionocyte development in the medaka (<i>Oryzias latipes</i>) embryos. <i>General and Comparative Endocrinology</i> , 2013 , 194, 152-61	3	18
149	Ancient neuromodulation by vasopressin/oxytocin-related peptides. 2013 , 2, e24246		57
148	Dexamethasone (DEX) induces osmotic stress transcription factor 1 (Ostf1) through the Akt-GSK3 β pathway in freshwater Japanese eel gill cell cultures. 2013 , 2, 487-91		8
147	Adrenocortical stress responses influence an invasive vertebrate's fitness in an extreme environment. 2013 , 280, 20131444		39
146	The effect of salinity on osmoregulation and development of the juvenile fat snook, <i>Centropomus parallelus</i> (POEY). 2013 , 73, 609-15		7
145	Urotensin II inhibits arginine vasotocin and stimulates isotocin release from nerve endings in the pituitary of gilthead sea bream (<i>Sparus aurata</i>). 2014 , 321, 467-71		1
144	In vitro effect of cortisol and urotensin I on arginine vasotocin and isotocin secretion from pituitary cells of gilthead sea bream <i>Sparus aurata</i> . 2014 , 84, 448-58		7
143	Prolactin and teleost ionocytes: new insights into cellular and molecular targets of prolactin in vertebrate epithelia. <i>General and Comparative Endocrinology</i> , 2014 , 203, 21-8	3	57
142	Effect of water deprivation on baseline and stress-induced corticosterone levels in the Children's python (<i>Antaresia childreni</i>). 2014 , 168, 11-6		22
141	The physiology of fish at low pH: the zebrafish as a model system. <i>Journal of Experimental Biology</i> , 2014 , 217, 651-62	3	75
140	Upregulation of prolactin receptor in proximal tubular cells was induced in cardiac dysfunction model mice. 2014 , 18, 65-74		3
139	The actions of the renin-angiotensin system on cardiovascular and osmoregulatory function in embryonic chickens (<i>Gallus gallus domesticus</i>). 2014 , 178, 37-45		8
138	Effects of salinity and prolactin on gene transcript levels of ion transporters, ion pumps and prolactin receptors in Mozambique tilapia intestine. <i>General and Comparative Endocrinology</i> , 2014 , 206, 146-54	3	23
137	Angiotensin-II promotes Na ⁺ uptake in larval zebrafish, <i>Danio rerio</i> , in acidic and ion-poor water. 2014 , 220, 195-205		29

136	Hormones and hibernation: possible links between hormone systems, winter energy balance and white-nose syndrome in bats. 2014 , 66, 66-73		14
135	The osmoregulatory effects of rearing Mozambique tilapia in a tidally changing salinity. <i>General and Comparative Endocrinology</i> , 2014 , 207, 94-102	3	23
134	Transcriptomic analysis reveals specific osmoregulatory adaptive responses in gill mitochondria-rich cells and pavement cells of the Japanese eel. 2015 , 16, 1072		22
133	Neuropeptide Arginine Vasotocin Positively Affects Neurosteroidogenesis in the Early Brain of Grouper, <i>Epinephelus coioides</i> . 2015 , 27, 718-36		6
132	Effects of urine composition on epithelial Na ⁺ channel-targeted protease activity. 2015 , 3, e12611		
131	Protein-sparing effect of carbohydrate in diets for juvenile turbot <i>Scophthalmus maximus</i> reared at different salinities. 2015 , 33, 57-69		10
130	Marine lifestyle is associated with higher baseline corticosterone levels in birds. 2015 , 115, 154-161		9
129	Tissue-specific transcriptome assemblies of the marine medaka <i>Oryzias melastigma</i> and comparative analysis with the freshwater medaka <i>Oryzias latipes</i> . 2015 , 16, 135		40
128	Effect of the liquorice root derivatives on salt and water balance in a teleost fish, rainbow trout (<i>Oncorhynchus mykiss</i>). 2015 , 180, 86-97		8
127	Morphofunctional remodelling of the osmoregulatory system in starred sturgeon <i>Acipenser stellatus</i> (Acipenseridae) during transition from hyperosmotic to hypoosmotic regulation. 2015 , 55, 259-272		7
126	Molecular cloning, sequencing and phylogeny of vasotocin receptor genes in the air-breathing catfish <i>Heteropneustes fossilis</i> with sex dimorphic and seasonal variations in tissue expression. 2015 , 41, 509-32		16
125	In vivo and in vitro effects of high-K(+) stress on branchial expression of ROMKa in seawater-acclimated Mozambique tilapia. 2015 , 187, 111-8		3
124	Comparative renal gene expression in response to abrupt hypoosmotic shock in spotted scat (<i>Scatophagus argus</i>). <i>General and Comparative Endocrinology</i> , 2015 , 215, 25-35	3	15
123	Salinity tolerances of two Australian freshwater turtles, and (Testudinata: Chelidae). 2016 , 4, cow042		17
122	Dopamine regulates renal osmoregulation during hyposaline stress via DRD1 in the spotted scat (<i>Scatophagus argus</i>). 2016 , 6, 37535		8
121	Water deprivation increases maternal corticosterone levels and enhances offspring growth in the snake <i>Vipera aspis</i> . <i>Journal of Experimental Biology</i> , 2016 , 219, 658-67	3	18
120	An emerging role for gasotransmitters in the control of breathing and ionic regulation in fish. 2016 , 186, 145-59		14
119	The liquorice root derivative glycyrrhetic acid can ameliorate ionoregulatory disturbance in rainbow trout (<i>Oncorhynchus mykiss</i>) abruptly exposed to ion-poor water. 2016 , 199, 120-129		7

118	In the picture: disulfide-poor conopeptides, a class of pharmacologically interesting compounds. 2016 , 22, 30		27
117	Non-Mammalian Models for Neurohypophysial Peptides. 2016 , 301-328		11
116	Low salinity increases survival, body weight and development in tadpoles of the Chinese edible frog <i>Hoplobatrachus rugulosus</i> . 2016 , 47, 3109-3118		5
115	Full Issue. 2016 , 133, i-i		
114	The effect of salt content on nectar intake of a New World generalist avian nectarivore (<i>Cyanerpes cyaneus</i> : Thraupidae). 2016 , 133, 52-58		1
113	Successful weight loss maintenance includes long-term increased meal responses of GLP-1 and PYY3-36. 2016 , 174, 775-84		56
112	Transcriptomic identification of starfish neuropeptide precursors yields new insights into neuropeptide evolution. 2016 , 6, 150224		80
111	A state of non-specific tension in living matter? Stress in Australian animals. <i>General and Comparative Endocrinology</i> , 2017 , 244, 118-129	3	4
110	Endocrinology of osmoregulation and thermoregulation of Australian desert tetrapods: A historical perspective. <i>General and Comparative Endocrinology</i> , 2017 , 244, 186-200	3	6
109	Structural and functional diversity of nonapeptide hormones from an evolutionary perspective: A review. <i>General and Comparative Endocrinology</i> , 2017 , 241, 4-23	3	27
108	Cortisol regulates nitric oxide synthase in freshwater and seawater acclimated rainbow trout, <i>Oncorhynchus mykiss</i> . 2017 , 204, 1-8		6
107	Salinity increases total body prolactin and gill and skin prolactin receptor expression in the Chinese edible frog, <i>Hoplobatrachus rugulosus</i> , tadpole. 2017 , 48, 4238-4250		1
106	NPY up-regulation in the tadpole brain of <i>Euphylyctis cyanophlyctis</i> during osmotic stress. <i>General and Comparative Endocrinology</i> , 2017 , 251, 46-53	3	3
105	Effects of sublethal salinity and temperature levels and their interaction on growth performance and hematological and hormonal levels in tra catfish (<i>Pangasianodon hypophthalmus</i>). 2017 , 25, 1057-1071		10
104	Dynamic responses of prolactin, growth hormone and their receptors to hyposmotic acclimation in the olive flounder <i>Paralichthys olivaceus</i> . <i>General and Comparative Endocrinology</i> , 2017 , 254, 8-13	3	9
103	Modulatory in vitro effect of stress hormones on the cytokine response of rainbow trout and gilthead sea bream head kidney stimulated with <i>Vibrio anguillarum</i> bacterin. 2017 , 70, 736-749		26
102	Morphological, physiological and dietary covariation in migratory and resident adult brown trout (<i>Salmo trutta</i>). 2017 , 123, 79-90		4
101	Conservation Endocrinology. 2017 , 67, 429-442		32

100	Ontogeny of the digestive enzymes, thyroid hormones and cortisol in developing embryos and yolk-sac larvae of turbot (<i>Scophthalmus maximus</i> L.). 2017 , 479, 704-711		5
99	Cytokine modulation by stress hormones and antagonist specific hormonal inhibition in rainbow trout (<i>Oncorhynchus mykiss</i>) and gilthead sea bream (<i>Sparus aurata</i>) head kidney primary cell culture. <i>General and Comparative Endocrinology</i> , 2017 , 250, 122-135	3	17
98	Arginine vasotocin inhibits social interactions and enhances essential activities in male common lizards (<i>Zootoca vivipara</i>). <i>General and Comparative Endocrinology</i> , 2017 , 243, 10-14	3	6
97	Calcium-Sensing Receptor and Transient Receptor Ankyrin-1 Mediate Emesis Induction by Deoxynivalenol (Vomitoxin). 2017 , 155, 32-42		19
96	Genetic basis for variation in salinity tolerance between stickleback ecotypes. 2017 , 26, 304-319		31
95	Survival and osmoregulation of juvenile of hybrid grouper (<i>Epinephelus fuscoguttatus</i> × <i>Epinephelus lanceolatus</i>) during acclimation in calcium-supplemented freshwater. 2017 , 25, 693-704		6
94	Insights into molecular and cellular mechanisms of hormonal actions on fish ion regulation derived from the zebrafish model. <i>General and Comparative Endocrinology</i> , 2017 , 251, 12-20	3	21
93	Coping with Salt Water Habitats: Metabolic and Oxidative Responses to Salt Intake in the Rufous-Collared Sparrow. <i>Frontiers in Physiology</i> , 2017 , 8, 654	4.6	7
92	Scientific Opinion on the state of the science on pesticide risk assessment for amphibians and reptiles. 2018 , 16, e05125		18
91	Comparative short-term variation of urine concentration among three sigmodontine rodent species from contrasting habitats. 2018 , 90, 1-9		
90	Implication of regional brain serotonergic neurons in dorsal and median Raphe nuclei in adaptation to water lacking in <i>Gerbillus tarabuli</i> . 2018 , 93, 57-61		2
89	Acute salinity tolerance and the control of two prolactins and their receptors in the Nile tilapia (<i>Oreochromis niloticus</i>) and Mozambique tilapia (<i>O. mossambicus</i>): A comparative study. <i>General and Comparative Endocrinology</i> , 2018 , 257, 168-176	3	16
88	Water restriction causes an intergenerational trade-off and delayed mother-offspring conflict in a viviparous lizard. 2018 , 32, 676-686		15
87	Depletion of Tissue-Specific Ion Transporters Causes Differential Expression of PRL Targets in Response to Increased Levels of Endogenous PRL. 2018 , 9, 683		2
86	Cortisol in Correlation to Other Indicators of Fish Welfare. 2018 ,		5
85	An Adipokinetic Hormone Acts as a Volume Regulator in the Intertidal Gastropod Mollusk,. 2018 , 9, 493		1
84	The Amphibious Mudskipper: A Unique Model Bridging the Gap of Central Actions of Osmoregulatory Hormones Between Terrestrial and Aquatic Vertebrates. <i>Frontiers in Physiology</i> , 2018 , 9, 1112	4.6	7
83	Protein Reabsorption in the Amphibian Kidney: Comparative and Evolutionary Aspects. 2018 ,		1

82	The stimulatory G protein G β s required in melanocortin 4 receptor-expressing cells for normal energy balance, thermogenesis, and glucose metabolism. 2018 , 293, 10993-11005	21
81	Integrated multi-biomarker responses of juvenile seabass to diclofenac, warming and acidification co-exposure. 2018 , 202, 65-79	36
80	Aggressive desert goby males also court more, independent of the physiological demands of salinity. 2018 , 8, 9352	1
79	Effects of elevated temperature on osmoregulation and stress responses in Atlantic salmon <i>Salmo salar</i> smolts in fresh water and seawater. 2018 , 93, 550-559	26
78	Dynamic changes in nitric oxide synthase expression are involved in seawater acclimation of rainbow trout <i>Oncorhynchus mykiss</i> . 2018 , 314, R552-R562	4
77	Physiological/Neurophysiological Mechanisms Involved in the Formation of Stress Responses. 2018 , 50, 131-139	5
76	Characterization and Expression Dynamics of Key Genes Involved in the Gilthead Sea Bream (<i>Sparus aurata</i>) Cortisol Stress Response during Early Ontogeny. 2018 , 20, 611-622	8
75	Effects of acute and chronic zinc exposure on steroid hormone receptor expression in the lined seahorse, <i>Hippocampus erectus</i> . 2019 , 50, 659-673	
74	The Heat Is On: Complexities of Aquatic Endocrine Disruption in a Changing Global Climate. 2019 , 13-49	12
73	Transcriptional analysis of renal dopamine-mediated Na homeostasis response to environmental salinity stress in <i>Scatophagus argus</i> . 2019 , 20, 418	4
72	Novel discoveries in acid-base regulation and osmoregulation: A review of selected hormonal actions in zebrafish and medaka. <i>General and Comparative Endocrinology</i> , 2019 , 277, 20-29	3 20
71	Cortisol predicts migration timing and success in both Atlantic salmon and sea trout kelts. 2019 , 9, 2422	15
70	l8-arachnotocin-an arthropod-derived G protein-biased ligand of the human vasopressin V receptor. 2019 , 9, 19295	4
69	Thirst and Drinking Paradigms: Evolution from Single Factor Effects to Brainwide Dynamic Networks. 2019 , 11,	14
68	Dehydration as a stressor in toads (<i>Rhinella ornata</i>). 2019 , 331, 168-174	5
67	Novel zebrafish behavioral assay to identify modifiers of the rapid, nongenomic stress response. 2019 , 18, e12549	18
66	Bioaccumulation and ecotoxicological responses of juvenile white seabream (<i>Diplodus sargus</i>) exposed to triclosan, warming and acidification. 2019 , 245, 427-442	13
65	Cluster expansion of apolipoprotein D (ApoD) genes in teleost fishes. 2019 , 19, 9	1

64	Cortisol is the predominant glucocorticoid in the giant paedomorphic hellbender salamander (<i>Cryptobranchus alleganiensis</i>). <i>General and Comparative Endocrinology</i> , 2020 , 285, 113267	3	4
63	Acclimation to Water Restriction Implies Different Paces for Behavioral and Physiological Responses in a Lizard Species. 2020 , 93, 160-174		7
62	Kidney functional morphology variations between spring and winter in the Saharan male lizard <i>Uromastix acanthinura</i> (Sauria, Agamidae), with special reference to body water economy. 2020 , 67, 101448		1
61	Determinants of the water seeking response in a T-maze in the fire-bellied toad <i>Bombina orientalis</i> . 2020 , 72, 101679		0
60	Reconceptualising Information Processing for Education. 2020 ,		
59	. 2020 ,		
58	Expression profiles of genes encoding arginine vasotocin and isotocin receptors and the leucyl-cystinyl aminopeptidase (LNPEP) nonapeptide degradation enzyme in blue tilapia (<i>Oreochromis aureus</i>) during high salinity acclimation. 2020 , 53, 163-191		0
57	Trade-offs, Pleiotropy, and Shared Molecular Pathways: A Unified View of Constraints on Adaptation. 2020 , 60, 332-347		13
56	Arginine Vasopressin Modulates Ion and Acid/Base Balance by Regulating Cell Numbers of Sodium Chloride Cotransporter and H-ATPase Rich Ionocytes. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
55	Incretin-based therapies and renin-angiotensin system: Looking for new therapeutic potentials in the diabetic milieu. 2020 , 256, 117916		9
54	LC-APCI-MS/MS method for the analysis of ten hormones and two endocannabinoids in plasma and hair from the mice with different gut microbiota. 2020 , 185, 113223		7
53	Osmotic stress induces gut microbiota community shift in fish. 2020 , 22, 3784-3802		8
52	Short-term dehydration influences baseline but not stress-induced corticosterone levels in the house sparrow (). <i>Journal of Experimental Biology</i> , 2020 , 223,	3	0
51	Cloning and molecular characterization of PRL and PRLR from turbot (<i>Scophthalmus maximus</i>) and their expressions in response to short-term and long-term low salt stress. 2020 , 46, 501-517		7
50	Comparative proteomic analysis to identify the novel target gene of angiotensin II in adrenocortical H295R cells. 2021 , 68, 441-450		1
49	Regulation by Progestins, Corticosteroids and RU486 of Activation of Elephant Shark and Human Progesterone Receptors: An Evolutionary Perspective.		
48	Exkretion. 2021 , 335-374		
47	Physiology: An Important Tool to Assess the Welfare of Aquatic Animals. 2021 , 10,		5

46	Endocrine-Disrupting Compounds in Fish Physiology, with Emphasis on their Effects on the Arginine Vasotocin/Isotocin System. 2021 ,	0
45	The osmotic response capacity of the Antarctic fish <i>Harpagifer antarcticus</i> is insufficient to cope with projected temperature and salinity under climate change. 2021 , 96, 102835	2
44	The effects of salinity on growth, gill tissue and muscle cellularity in <i>Lophiosilurus alexandri</i> juvenile, a Neotropical freshwater catfish. 2021 , 52, 4064	2
43	Identification of Low Molecular Weight Proteins and Peptides from Worm, Egg and Infected Mouse Sera. 2021 , 11,	0
42	Aldosterone, Dexamethasone and Triamcinolone Activate African Lungfish Mineralocorticoid Receptor: Increased Activation After Removal of the Amino-Terminal Domain.	
41	Regulation of GH and GH Signaling by Nutrients. 2021 , 10,	7
40	Osmoregulation by Vertebrates in Aquatic Environments. 2, 1-14	
39	Inotocin, a potential modulator of reproductive behaviours in a biparental beetle, <i>Lethrus apterus</i> . 2021 , 132, 104253	0
38	Are glucocorticoids good indicators of disturbance across populations that exhibit cryptic variation in contaminant tolerance?.	2
37	High temperatures reduce song production and alter signal salience in songbirds. 2021 , 180, 13-22	1
36	Evaluating corticosterone as a biomarker for amphibians exposed to increased salinity and ambient corticosterone. 2021 , 9, coab049	2
35	The Evolution and Comparative Physiology of Endothelin Regulation of Sodium Transport. 2015 , 119-140	3
34	Hormonal and neural correlates of care in active versus observing poison frog parents. 2020 , 120, 104696	9
33	Serum testosterone levels and excessive erythrocytosis during the process of adaptation to high altitudes. 2013 , 15, 368-74	15
32	Multiple overlapping hypothalamus-brainstem circuits drive rapid threat avoidance.	6
31	Fluid Balance, Electrolytes, and Mineral Metabolism. 2009 , 115-144	1
30	Involvement of the V2 vasopressin receptor in adaptation to limited water supply. 2009 , 4, e5573	25
29	Reverse effect of mammalian hypocalcemic cortisol in fish: cortisol stimulates Ca ²⁺ uptake via glucocorticoid receptor-mediated vitamin D3 metabolism. 2011 , 6, e23689	52

28	Glucocorticoid receptor, but not mineralocorticoid receptor, mediates cortisol regulation of epidermal ionocyte development and ion transport in zebrafish (<i>danio rerio</i>). 2013 , 8, e77997		53
27	Osmoregulation in zebrafish: ion transport mechanisms and functional regulation. <i>EXCLI Journal</i> , 2015 , 14, 627-59	2.4	81
26	Water pH effects on survival, reproductive performances, and ultrastructure of gonads, gills, and skins of the Javanese medaka (<i>Oryzias javanicus</i>). 2017 , 41, 471-481		4
25	Bibliography. 2014 , 629-725		
24	Torcetrapib and Dalcetrapib Safety: Relevance of Preclinical In Vitro and In Vivo Models. <i>Methods and Principles in Medicinal Chemistry</i> , 435-456	0.4	
23	Water Balance and Aquaporin. 2017 ,		0
22	Cluster expansion of apolipoprotein D (ApoD) genes in teleost fishes.		
21	Preparatory Mechanisms for Salinity Tolerance in Two Congeneric Anuran Species Inhabiting Distinct Osmotic Habitats. <i>Zoological Science</i> , 2019 , 36, 215-222	0.8	2
20	High hydrostatic pressure effects on arginine vasotocin levels in fish. <i>Aquatic Biology</i> , 2020 , 29, 165-173	2	
19	A Broad View of Information Processing Systems. 2020 , 79-116		
18	Aldosterone and dexamethasone activate African lungfish mineralocorticoid receptor: Increased activation after removal of the amino-terminal domain. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022 , 215, 106024	5.1	2
17	Two stressors are worse than one: combined heatwave and drought affect hydration state and glucocorticoid levels in a temperate ectotherm.. <i>Journal of Experimental Biology</i> , 2022 ,	3	0
16	Regulation by Progestins, Corticosteroids, and RU486 of Transcriptional Activation of Elephant Shark and Human Progesterone Receptors: An Evolutionary Perspective.. <i>ACS Pharmacology and Translational Science</i> , 2022 , 5, 52-61	5.9	1
15	In Vivo Functional Assay in Fish Gills: Exploring Branchial Acid-Excreting Mechanisms in Zebrafish.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
14	Table_1.DOCX. 2018 ,		
13	Molecular mechanisms linking stress and insulin resistance.. <i>EXCLI Journal</i> , 2022 , 21, 317-334	2.4	0
12	Biochemical and osmoregulatory responses of the African clawed frog experimentally exposed to salt and pesticide.. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022 , 258, 109367	3.2	
11	Endocrine and osmoregulatory responses to tidally-changing salinities in fishes. <i>General and Comparative Endocrinology</i> , 2022 , 326, 114071	3	0

10	Differential Branchial Response of Low Salinity Challenge Induced Prolactin in Active and Passive Coping Style Olive Flounder. <i>Frontiers in Physiology</i> , 13,	4.6	○
9	Testing Whether Adrenal Steroids Mediate Phenotypic and Physiologic Effects of Elevated Salinity on Larval Tiger Salamanders. <i>Integrative Zoology</i> ,	1.9	
8	Gill transcriptome of the yellow peacock bass (<i>Cichla ocellaris monoculus</i>) exposed to contrasting physicochemical conditions.		
7	Intraspecific investigation of dehydration-enhanced innate immune performance and endocrine stress response to sublethal dehydration in a semi-aquatic species of pit viper.		○
6	The gene expression profile of the glucocorticoid receptor 1 (gr1) but not gr2 is modulated in mucosal tissues of gilthead sea bream (<i>Sparus aurata</i>) exposed to acute air-exposure stress. 9,		○
5	Neuroendocrinology of Fishes. 2022 , 209-234		○
4	Effects of seawater and freshwater challenges on the Gh/Igf system in the saline-tolerant blackchin tilapia (<i>Sarotherodon melanotheron</i>). 13,		1
3	Genetic dissection of steroid-hormone modulated social behavior: Novel paralogous genes are a boon for discovery. 2023 , 147, 105295		○
2	Water balance and aquaporins. 2022 ,		○
1	Early regulation of corticosteroid receptor expression in rainbow trout (<i>Oncorhynchus mykiss</i>) gills is mediated by membrane-initiated cortisol signaling. 2023 , 281, 111423		○