

Chia-Hao Lin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Osmoregulation in zebrafish: ion transport mechanisms and functional regulation. EXCLI Journal, 2015, 14, 627-59.	0.7	106
2	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.	2.5	71
3	[Na ⁺] Increases in Body Fluids Sensed by Central Nax Induce Sympathetically Mediated Blood Pressure Elevations via H ⁺ -Dependent Activation of ASIC1a. Neuron, 2019, 101, 60-75.e6.	8.1	70
4	Reverse Effect of Mammalian Hypocalcemic Cortisol in Fish: Cortisol Stimulates Ca ²⁺ Uptake via Glucocorticoid Receptor-Mediated Vitamin D3 Metabolism. PLoS ONE, 2011, 6, e23689.	2.5	64
5	Action of Vitamin D and the Receptor, VDRa, in Calcium Handling in Zebrafish (Danio rerio). PLoS ONE, 2012, 7, e45650.	2.5	56
6	Calcium-Sensing Receptor Mediates Ca ²⁺ Homeostasis by Modulating Expression of PTH and Stanniocalcin. Endocrinology, 2014, 155, 56-67.	2.8	50
7	The Control of Calcium Metabolism in Zebrafish (Danio rerio). International Journal of Molecular Sciences, 2016, 17, 1783.	4.1	50
8	Stanniocalcin-1 Controls Ion Regulation Functions of Ion-transporting Epithelium Other than Calcium Balance. International Journal of Biological Sciences, 2015, 11, 122-132.	6.4	33
9	Ionic and Amino Acid Regulation in Hard Clam (Meretrix lusoria) in Response to Salinity Challenges. Frontiers in Physiology, 2016, 7, 368.	2.8	33
10	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.	3.2	30
11	Cortisol Regulates Acid Secretion of H ⁺ -ATPase-rich Ionocytes in Zebrafish (Danio rerio) Embryos. Frontiers in Physiology, 2015, 6, 328.	2.8	27
12	Effects of ambient cadmium with calcium on mRNA expressions of calcium uptake related transporters in zebrafish (Danio rerio) larvae. Fish Physiology and Biochemistry, 2012, 38, 977-988.	2.3	24
13	Environmental and cortisol-mediated control of Ca ²⁺ uptake in tilapia (Oreochromis mossambicus). Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 323-332.	1.5	24
14	Na ⁺ signaling evoked by an increase in [Na ⁺] in CSF induces water intake via EET-mediated TRPV4 activation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R299-R306.	1.8	21
15	Different Modulatory Mechanisms of Renal FXD12 for Na ⁺ -K ⁺ -ATPase between Two Closely Related Medakas upon Salinity Challenge. International Journal of Biological Sciences, 2016, 12, 730-745.	6.4	20
16	FXD11 mediated modulation of Na ⁺ /K ⁺ -ATPase activity in gills of the brackish medaka (Oryzias dancena) when transferred to hypoosmotic or hyperosmotic environments. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 194, 19-26.	1.8	19
17	Role of Calcium-Sensing Receptor in Mechanotransducer-Channel-Mediated Ca ²⁺ Influx in Hair Cells of Zebrafish Larvae. Frontiers in Physiology, 2018, 9, 649.	2.8	13
18	SLC9A4 in the organum vasculosum of the lamina terminalis is a [Na ⁺] sensor for the control of water intake. Pflugers Archiv European Journal of Physiology, 2020, 472, 609-624.	2.8	13

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19	FXYP8, a Novel Regulator of Renal Na ⁺ /K ⁺ -ATPase in the Euryhaline Teleost, <i>Tetraodon nigroviridis</i> . <i>Frontiers in Physiology</i> , 2017, 8, 576.	2.8	12
20	Time-course changes in the regulation of ions and amino acids in the hard clam <i>Meretrix lusoria</i> upon lower salinity challenge. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 602-613.	1.9	12
21	Na ⁺ -positive glial cells in the organum vasculosum laminae terminalis produce epoxyeicosatrienoic acids to induce water intake in response to increases in [Na ⁺] in body fluids. <i>Neuroscience Research</i> , 2020, 154, 45-51.	1.9	10
22	Molecular Physiology of the Hypocalcemic Action of Fibroblast Growth Factor 23 in Zebrafish (<i>Danio rerio</i>). <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 602-613.	2.8	6
23	Cortisol and glucocorticoid receptor 2 regulate acid secretion in medaka (<i>Oryzias latipes</i>) larvae. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 855-864.	1.5	6
24	Salinity and Temperature Effects on Cholesterol Accumulation through SIRT1/LXR±/SREBP1 Pathway in Livers of the Indian Medaka (<i>Oryzias dancena</i>). <i>FASEB Journal</i> , 2021, 35, .	0.5	1
25	Short-term Effects of Hypertonic Shock on Na ⁺ , K ⁺ -ATPase Responses in Gills and Kidneys of the Spotted Green Pufferfish. <i>Zoological Studies</i> , 2016, 55, e29.	0.3	1
26	Reverse effect of mammalian hypocalcemic cortisol in fish: cortisol stimulates Ca ²⁺ uptake via glucocorticoid receptor-mediated vitamin D3 metabolism. <i>FASEB Journal</i> , 2012, 26, 1070.6.	0.5	0