

Li-Yih Lin

List of Publications by Year in descending order

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27
papers

1,569
citations

430874

18
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.8	389
2	Proton pump-rich cell secretes acid in skin of zebrafish larvae. American Journal of Physiology - Cell Physiology, 2006, 290, C371-C378.	4.6	178
3	Ammonium-dependent sodium uptake in mitochondrion-rich cells of medaka (<i>Oryzias latipes</i>) larvae. American Journal of Physiology - Cell Physiology, 2010, 298, C237-C250.	4.6	140
4	Ammonia excretion by the skin of zebrafish (<i>Danio rerio</i>) larvae. American Journal of Physiology - Cell Physiology, 2008, 295, C1625-C1632.	4.6	134
5	Knockdown of V-ATPase subunit A (<i>atp6v1a</i>) impairs acid secretion and ion balance in zebrafish (<i>Danio rerio</i>) larvae. American Journal of Physiology - Cell Physiology, 2010, 298, R2068-R2076.	1.8	121
6	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.	1.8	102
7	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.	4.6	83
8	Chloride transport in mitochondrion-rich cells of euryhaline tilapia (<i>Oreochromis niloticus</i>) larvae. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R1010-R1017.	4.6	52
9	Functional plasticity of mitochondrion-rich cells in the skin of euryhaline medaka larvae (<i>Oryzias latipes</i>). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R858-R868.	1.8	45
10	Rhcg1 and Rhbg mediate ammonia excretion by ionocytes and keratinocytes in the skin of zebrafish larvae: H ⁺ -ATPase-linked active ammonia excretion by ionocytes. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R1130-R1138.	1.8	33
11	Toxic effects of silver and copper nanoparticles on lateral-line hair cells of zebrafish embryos. Aquatic Toxicology, 2019, 215, 105273.	4.0	31
12	Proton-facilitated ammonia excretion by ionocytes of medaka (<i>Oryzias latipes</i>) acclimated to seawater. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R242-R251.	1.8	30
13	Exposure to silver impairs learning and social behaviors in adult zebrafish. Journal of Hazardous Materials, 2021, 403, 124031.	12.4	29
14	Potassium Regulation in Medaka (<i>Oryzias latipes</i>) Larvae Acclimated to Fresh Water: Passive Uptake and Active Secretion by the Skin Cells. Scientific Reports, 2017, 7, 16215.	3.3	24
15	Cisplatin exposure impairs ionocytes and hair cells in the skin of zebrafish embryos. Aquatic Toxicology, 2019, 209, 168-177.	4.0	24
16	Silver nanoparticle exposure impairs ion regulation in zebrafish embryos. Aquatic Toxicology, 2019, 214, 105263.	4.0	23
17	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.	3.3	22
18	Aquaporin 1 Is Involved in Acid Secretion by Ionocytes of Zebrafish Embryos through Facilitating CO ₂ Transport. PLoS ONE, 2015, 10, e0136440.	2.5	20

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19	Ammonia exposure impairs lateral-line hair cells and mechanotransduction in zebrafish embryos. <i>Chemosphere</i> , 2020, 257, 127170.	8.2	18
20	Extracellular Ca ²⁺ and Mg ²⁺ modulate aminoglycoside blockade of mechanotransducer channel-mediated Ca ²⁺ entry in zebrafish hair cells: an in vivo study with the SIET. <i>American Journal of Physiology - Cell Physiology</i> , 2013, 305, C1060-C1068.	4.6	15
21	Role of Calcium-Sensing Receptor in Mechanotransducer-Channel-Mediated Ca ²⁺ Influx in Hair Cells of Zebrafish Larvae. <i>Frontiers in Physiology</i> , 2018, 9, 649.	2.8	13
22	Acidified water impairs the lateral line system of zebrafish embryos. <i>Aquatic Toxicology</i> , 2019, 217, 105351.	4.0	13
23	Vincristine exposure impairs skin keratinocytes, ionocytes, and lateral-line hair cells in developing zebrafish embryos. <i>Aquatic Toxicology</i> , 2021, 230, 105703.	4.0	8
24	Exposure to colistin impairs skin keratinocytes and lateral-line hair cells in zebrafish embryos. <i>Chemosphere</i> , 2021, 263, 128364.	8.2	6
25	Acute exposure to polystyrene nanoplastics impairs skin cells and ion regulation in zebrafish embryos. <i>Aquatic Toxicology</i> , 2022, 248, 106203.	4.0	6
26	Zebrafish embryos as an in vivo model to investigate cisplatin-induced oxidative stress and apoptosis in mitochondrion-rich ionocytes. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 259, 109395.	2.6	6
27	Transient receptor potential vanilloid 4 modulates ion balance through the isotocin pathway in zebrafish (<i>Danio rerio</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R751-R759.	1.8	4