

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
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27
all docs

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docs citations

27
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute exposure to polystyrene nanoplastics impairs skin cells and ion regulation in zebrafish embryos. <i>Aquatic Toxicology</i> , 2022, 248, 106203.	4.0	6
2	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
3	Exposure to colistin impairs skin keratinocytes and lateral-line hair cells in zebrafish embryos. <i>Chemosphere</i> , 2021, 263, 128364.	8.2	6
4	Exposure to silver impairs learning and social behaviors in adult zebrafish. <i>Journal of Hazardous Materials</i> , 2021, 403, 124031.	12.4	29
5	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
6	Ammonia exposure impairs lateral-line hair cells and mechanotransduction in zebrafish embryos. <i>Chemosphere</i> , 2020, 257, 127170.	8.2	18
7	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
8	Toxic effects of silver and copper nanoparticles on lateral-line hair cells of zebrafish embryos. <i>Aquatic Toxicology</i> , 2019, 215, 105273.	4.0	31
9	Silver nanoparticle exposure impairs ion regulation in zebrafish embryos. <i>Aquatic Toxicology</i> , 2019, 214, 105263.	4.0	23
10	Cisplatin exposure impairs ionocytes and hair cells in the skin of zebrafish embryos. <i>Aquatic Toxicology</i> , 2019, 209, 168-177.	4.0	24
11	Acidified water impairs the lateral line system of zebrafish embryos. <i>Aquatic Toxicology</i> , 2019, 217, 105351.	4.0	13
12	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
13	Potassium Regulation in Medaka (<i>Oryzias latipes</i>) Larvae Acclimated to Fresh Water: Passive Uptake and Active Secretion by the Skin Cells. <i>Scientific Reports</i> , 2017, 7, 16215.	3.3	24
14	Salt secretion is linked to acid-base regulation of ionocytes in seawater-acclimated medaka: new insights into the salt-secreting mechanism. <i>Scientific Reports</i> , 2016, 6, 31433.	3.3	22
15	Aquaporin 1 Is Involved in Acid Secretion by Ionocytes of Zebrafish Embryos through Facilitating CO ₂ Transport. <i>PLoS ONE</i> , 2015, 10, e0136440.	2.5	20
16	Rhcg1 and Rhbg mediate ammonia excretion by ionocytes and keratinocytes in the skin of zebrafish larvae: H ⁺ -ATPase-linked active ammonia excretion by ionocytes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R1130-R1138.	1.8	33
17	Proton-facilitated ammonia excretion by ionocytes of medaka (<i>Oryzias latipes</i>) acclimated to seawater. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R242-R251.	1.8	30
18	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

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19	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
20	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
21	Functional plasticity of mitochondrion-rich cells in the skin of euryhaline medaka larvae (<i>Oryzias latipes</i>). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 542 Td (moss) 52 Comparative Physiology, 2011, 300, R858-R868.	1.8	45
22	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
23	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
24	Chloride transport in mitochondrion-rich cells of euryhaline tilapia (<i>Oreochromis niloticus</i>). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (moss) 52	4.6	52
25	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
26	Knockdown of V-ATPase subunit A (<i>atp6v1a</i>) impairs acid secretion and ion balance in zebrafish (<i>Danio rerio</i>). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (moss) 52 R2068-R2076.	1.8	121
27	Proton pump-rich cell secretes acid in skin of zebrafish larvae. American Journal of Physiology - Cell Physiology, 2006, 290, C371-C378.	4.6	178