

Yihang K Pan

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

173
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Aquatic surface respiration improves survival during hypoxia in zebrafish (<i>Danio rerio</i>) lacking hypoxia-inducible factor 1- β . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20211863.	2.6	2
2	Regulation of heart rate following genetic deletion of the α 1 adrenergic receptor in larval zebrafish. <i>Acta Physiologica</i> , 2022, 235, .	3.8	8
3	Disruption of <i>tph1</i> genes demonstrates the importance of serotonin in regulating ventilation in larval zebrafish (<i>Danio rerio</i>). <i>Respiratory Physiology and Neurobiology</i> , 2021, 285, 103594.	1.6	11
4	Use of a carbonic anhydrase <i>Ca17a</i> knockout to investigate mechanisms of ion uptake in zebrafish (<i>Danio rerio</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R55-R68.	1.8	6
5	Relationships between the peak hypoxic ventilatory response and critical O ₂ tension in larval and adult zebrafish (<i>Danio rerio</i>). <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	12
6	Neuroendocrine control of breathing in fish. <i>Molecular and Cellular Endocrinology</i> , 2020, 509, 110800.	3.2	12
7	Use of gene knockout to examine serotonergic control of ion uptake in zebrafish reveals the importance of controlling for genetic background: A cautionary tale. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2019, 238, 110558.	1.8	4
8	Loss-of-function approaches in comparative physiology: is there a future for knockdown experiments in the era of genome editing?. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	47
9	Evaluating the physiological significance of hypoxic hyperventilation in larval zebrafish (<i>Danio rerio</i>). <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	15
10	The effects of oil induced respiratory impairment on two indices of hypoxia tolerance in Atlantic croaker (<i>Micropogonias undulatus</i>). <i>Chemosphere</i> , 2018, 200, 143-150.	8.2	25
11	Acclimation to prolonged hypoxia alters hemoglobin isoform expression and increases hemoglobin oxygen affinity and aerobic performance in a marine fish. <i>Scientific Reports</i> , 2017, 7, 7834.	3.3	31