

# Ilan M Ruhr

## List of Publications by Year in descending order

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21  
papers

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citations

1040056

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Steroid Concentrations in Plasma, Whole Blood and Brain: Effects of Saline Perfusion to Remove Blood Contamination from Brain. PLoS ONE, 2010, 5, e15727.	2.5	52
2	Metabolic adaptations to anoxia and reoxygenation: New lessons from freshwater turtles and crucian carp. Current Opinion in Endocrine and Metabolic Research, 2020, 11, 55-64.	1.4	26
3	Guanylin peptides regulate electrolyte and fluid transport in the Gulf toadfish ( <i>Opsanus beta</i> ) posterior intestine. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R1167-R1179.	1.8	20
4	The role of the rectum in osmoregulation and the potential effect of renoguanylin on SLC26a6 transport activity in the Gulf toadfish ( <i>Opsanus beta</i> ). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R179-R191.	1.8	17
5	Developmental plasticity of cardiac anoxia-tolerance in juvenile common snapping turtles ( <i>Chelydra serpentina</i> ). Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20191072.	2.6	15
6	The osmorepiratory compromise in the euryhaline killifish: water regulation during hypoxia. Journal of Experimental Biology, 2019, 222, .	1.7	11
7	The differential role of renoguanylin in osmoregulation and apical $\text{Cl}^{\text{sup}}/\text{HCO}_3^{\text{sub}3^{\text{sup}}}$ exchange activity in the posterior intestine of the Gulf toadfish ( <i>Opsanus beta</i> ). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R399-R409.	1.8	10
8	Renoguanylin stimulates apical CFTR translocation and decreases $\text{HCO}_3^{\text{sup}}$ secretion through PKA activity in the Gulf toadfish ( <i>Opsanus beta</i> ). Journal of Experimental Biology, 2018, 221, .	1.7	10
9	Is aquaporin $\beta$ involved in water permeability changes in the killifish during hypoxia and normoxic recovery, in freshwater or seawater?. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2020, 333, 511-525.	1.9	10
10	Developmental programming of DNA methylation and gene expression patterns is associated with extreme cardiovascular tolerance to anoxia in the common snapping turtle. Epigenetics and Chromatin, 2021, 14, 42.	3.9	10
11	Turning turtle: scaling relationships and self-righting ability in <i>Chelydra serpentina</i> . Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210213.	2.6	6
12	The Long-Term Effects of Developmental Hypoxia on Cardiac Mitochondrial Function in Snapping Turtles. Frontiers in Physiology, 2021, 12, 689684.	2.8	6
13	Crude awakening: larval mahi-mahi can't handle the heat. Journal of Experimental Biology, 2019, 222, .	1.7	0
14	A soaring success: repeated evolution of island flightlessness. Journal of Experimental Biology, 2019, 222, .	1.7	0
15	A beach festival isn't a sound idea to fish. Journal of Experimental Biology, 2020, 223, .	1.7	0
16	The big problem with microplastic pollution. Journal of Experimental Biology, 2020, 223, .	1.7	0
17	Arctic fish aren't cool about hotter water. Journal of Experimental Biology, 2020, 223, .	1.7	0
18	A marine teleost, <i>Opsanus beta</i> , compensates acidosis in hypersaline water by $\text{H}^+$ excretion or reduced $\text{HCO}_3^{\text{sup}}$ excretion rather than $\text{HCO}_3^{\text{sup}}$ uptake. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2021, 191, 85-98.	1.5	0

#	ARTICLE	IF	CITATIONS
19	Insects that stink and hatch in sync. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	0
20	Pain insensitivity: subtle changes make a huge difference. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	0
21	Too hot or just right during embryonic development in lizards?. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	0