

Ilan M Ruhr

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

193
citations

1040056

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1199594

12
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21
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docs citations

21
times ranked

175
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A marine teleost, <i>Opsanus beta</i> , compensates acidosis in hypersaline water by H ⁺ excretion or reduced HCO ₃ ⁻ excretion rather than HCO ₃ ⁻ uptake. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 85-98. | 1.5 | 0 |
| 2 | Turning turtle: scaling relationships and self-righting ability in <i>Chelydra serpentina</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210213. | 2.6 | 6 |
| 3 | The Long-Term Effects of Developmental Hypoxia on Cardiac Mitochondrial Function in Snapping Turtles. <i>Frontiers in Physiology</i> , 2021, 12, 689684. | 2.8 | 6 |
| 4 | Developmental programming of DNA methylation and gene expression patterns is associated with extreme cardiovascular tolerance to anoxia in the common snapping turtle. <i>Epigenetics and Chromatin</i> , 2021, 14, 42. | 3.9 | 10 |
| 5 | A beach festival isn't a sound idea to fish. <i>Journal of Experimental Biology</i> , 2020, 223, . | 1.7 | 0 |
| 6 | The big problem with microplastic pollution. <i>Journal of Experimental Biology</i> , 2020, 223, . | 1.7 | 0 |
| 7 | Is aquaporin ϵ involved in water ϵ permeability changes in the killifish during hypoxia and normoxic recovery, in freshwater or seawater?. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2020, 333, 511-525. | 1.9 | 10 |
| 8 | Arctic fish aren't cool about hotter water. <i>Journal of Experimental Biology</i> , 2020, 223, . | 1.7 | 0 |
| 9 | Metabolic adaptations to anoxia and reoxygenation: New lessons from freshwater turtles and crucian carp. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2020, 11, 55-64. | 1.4 | 26 |
| 10 | Too hot or just right during embryonic development in lizards?. <i>Journal of Experimental Biology</i> , 2020, 223, . | 1.7 | 0 |
| 11 | Developmental plasticity of cardiac anoxia-tolerance in juvenile common snapping turtles (<i>Chelydra serpentina</i>). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191072. | 2.6 | 15 |
| 12 | Crude awakening: larval mahi-mahi can't handle the heat. <i>Journal of Experimental Biology</i> , 2019, 222, . | 1.7 | 0 |
| 13 | A soaring success: repeated evolution of island flightlessness. <i>Journal of Experimental Biology</i> , 2019, 222, . | 1.7 | 0 |
| 14 | The osmorepiratory compromise in the euryhaline killifish: water regulation during hypoxia. <i>Journal of Experimental Biology</i> , 2019, 222, . | 1.7 | 11 |
| 15 | Insects that stink and hatch in sync. <i>Journal of Experimental Biology</i> , 2019, 222, . | 1.7 | 0 |
| 16 | Pain insensitivity: subtle changes make a huge difference. <i>Journal of Experimental Biology</i> , 2019, 222, . | 1.7 | 0 |
| 17 | Renoguanylin stimulates apical CFTR translocation and decreases HCO ₃ ⁻ secretion through PKA activity in the Gulf toadfish (<i>Opsanus beta</i>). <i>Journal of Experimental Biology</i> , 2018, 221, . | 1.7 | 10 |
| 18 | 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>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R179-R191. | 1.8 | 17 |

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|----|--|-----|-----------|
| 19 | The differential role of renoguanylin in osmoregulation and apical Cl [−] /HCO ₃ [−] 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 |
| 20 | 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 |
| 21 | 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 |