

Rachael M Heuer

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

976
citations

623734

14
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

878
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultraviolet avoidance by embryonic buoyancy control in three species of marine fish. <i>Science of the Total Environment</i> , 2022, 806, 150542.	8.0	4
2	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
3	Remote Predictions of Mahi-Mahi (<i>Coryphaena hippurus</i>) Spawning in the Open Ocean Using Summarized Accelerometry Data. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	9
4	Magnesium transport in the glomerular kidney of the Gulf toadfish (<i>Opsanus beta</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 865-880.	1.5	4
5	The Effects of Temperature Acclimation on Swimming Performance in the Pelagic Mahi-Mahi (<i>Coryphaena hippurus</i>). <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	4
6	Enhanced oxygen unloading in two marine percomorph teleosts. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 264, 111101.	1.8	2
7	New queens can't run the bee world without a healthy diet. , 2020, 8, coaa007.		1
8	Methods matter in repeating ocean acidification studies. <i>Nature</i> , 2020, 586, E20-E24.	27.8	41
9	Exposure to Hydraulic Fracturing Flowback Water Impairs Mahi-Mahi (<i>Coryphaena</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Science & Technology, 2020, 54, 13579-13589.	10.0	13
10	Impacts of a local music festival on fish stress hormone levels and the adjacent underwater soundscape. <i>Environmental Pollution</i> , 2020, 265, 114925.	7.5	13
11	Salt-water acclimation of the estuarine crocodile <i>Crocodylus porosus</i> involves enhanced ion transport properties of the urodaeum and rectum. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	5
12	Effects of Elevated CO ₂ on Yellowfin tuna (<i>Thunnus albacares</i>) Early Life Stage Respiration and Ammonia Excretion. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
13	The Effects of Ocean Acidification in the California sea hare (<i>Aplysia californica</i>). <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	1
14	Impacts of Deepwater Horizon Crude Oil on Mahi-Mahi (<i>Coryphaena hippurus</i>) Heart Cell Function. <i>Environmental Science & Technology</i> , 2019, 53, 9895-9904.	10.0	29
15	Ocean acidification affects acid-base physiology and behaviour in a model invertebrate, the California sea hare (<i>Aplysia californica</i>). <i>Royal Society Open Science</i> , 2019, 6, 191041.	2.4	16
16	Acute crude oil exposure alters mitochondrial function and ADP affinity in cardiac muscle fibers of young adult Mahi-mahi (<i>Coryphaena hippurus</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 218, 88-95.	2.6	16
17	Too hot for a healthy gut in salamanders. , 2019, 7, coz007.		0
18	The physiology of behavioral impacts of high CO ₂ . <i>Fish Physiology</i> , 2019, 37, 161-194.	0.8	21

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19	Effects of temperature on athletic performance in the pelagic Mahi-mahi (<i>Coryphaena hippurus</i>). FASEB Journal, 2019, 33, 726.3.	0.5	2
20	Crude oil impairs heart cell function in the mahi-mahi (<i>Coryphaena hippurus</i>). FASEB Journal, 2018, 32, 602.11.	0.5	1
21	Cardio-respiratory function during exercise in the cobia, <i>Rachycentron canadum</i> : The impact of crude oil exposure. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 201, 58-65.	2.6	37
22	Oil Exposure Impairs In Situ Cardiac Function in Response to β^2 -Adrenergic Stimulation in Cobia (<i>Rachycentron canadum</i>). Environmental Science & Technology, 2017, 51, 14390-14396.	10.0	26
23	Altered brain ion gradients following compensation for elevated CO ₂ are linked to behavioural alterations in a coral reef fish. Scientific Reports, 2016, 6, 33216.	3.3	70
24	Effects of crude oil on in situ cardiac function in young adult mahi-mahi (<i>Coryphaena hippurus</i>). Aquatic Toxicology, 2016, 180, 274-281.	4.0	68
25	Changes to Intestinal Transport Physiology and Carbonate Production at Various CO ₂ Levels in a Marine Teleost, the Gulf Toadfish (<i>Opsanus beta</i>). Physiological and Biochemical Zoology, 2016, 89, 402-416.	1.5	18
26	Elevated CO ₂ increases energetic cost and ion movement in the marine fish intestine. Scientific Reports, 2016, 6, 34480.	3.3	59
27	Physiological impacts of elevated carbon dioxide and ocean acidification on fish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R1061-R1084.	1.8	320
28	Ocean Acidification Leads to Counterproductive Intestinal Base Loss in the Gulf Toadfish (<i>Opsanus beta</i>). Environmental Science & Technology, 2015, 49, 1155-1161.	1.5	39
29	Impacts of ocean acidification on respiratory gas exchange and acid-base balance in a marine teleost, <i>Opsanus beta</i> . Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2012, 182, 921-934.	1.5	157