Daniel E Warren

List of Publications by Year
in descending order

28	369	687363 13	794594 19
papers	citations	h-index	g-index

31	31	31	464
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cold acclimation induces life stage-specific responses in the cardiac proteome of western painted turtles (Chrysemys picta bellii): implications for anoxia tolerance. Journal of Experimental Biology, 2021, 224, .	1.7	5
2	Skeletal muscle histidine-containing dipeptide contents are increased in freshwater turtles (C. picta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Integrative Physiology, 2021, 262, 111071.	1.8	0
3	Development-specific transcriptomic profiling suggests new mechanisms for anoxic survival in the ventricle of overwintering turtles. Journal of Experimental Biology, 2020, 223, .	1.7	9
4	Introduction to the special issue: The state of acid-base physiology in a changing world. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2020, 241, 110630.	1.8	0
5	Donald C. Jackson (1937â€“2020). Journal of Experimental Biology, 2020, 223, .	1.7	1
6	Palaeophysiology of pH regulation in tetrapods. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190131.	4.0	8
7	Myoglobin as a versatile peroxidase: Implications for a more important role for vertebrate striated muscle in antioxidant defense. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 234, 9-17.	1.6	18
8	Heterogeneous bioapatite carbonation in western painted turtles is unchanged after anoxia. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 233, 74-83.	1.8	2
9	Ventricular transcriptomic changes induced by coldâ€acclimation in the painted turtle suggests epigeneticâ€mediated transcriptional remodeling. FASEB Journal, 2019, 33, 726.4.	0.5	0
10	Changes in the material properties of the shell during simulated aquatic hibernation in the anoxia-tolerant painted turtle. Journal of Experimental Biology, 2018, 221, .	1.7	13
11	Small Non-coding RNA Expression and Vertebrate Anoxia Tolerance. Frontiers in Genetics, 2018, 9, 230.	2.3	27
12	The effects of pH and Pi on tension and Ca2+ sensitivity of ventricular myofilaments from the anoxia-tolerant painted turtle. Journal of Experimental Biology, 2017, 220, 4234-4241.	1.7	8
13	The metabolic consequences of repeated anoxic stress in the western painted turtle, Chrysemys picta bellii. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 203, 1-8.	1.8	13
14	The Effect of Intracellular pH on Myocardial Calcium Sensitivity in the Anoxiaâ€Tolerant Painted Turtle. FASEB Journal, 2016, 30, 760.22.	0.5	0
15	Transcriptomic Responses of the Heart and Brain to Anoxia in the Western Painted Turtle. PLoS ONE, 2015, 10, e0131669.	2.5	29
16	The calcium stored in the sarcoplasmic reticulum acts as a safety mechanism in rainbow trout heart. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2014, 307, R1493-R1501.	1.8	19
17	Role of GLUT1 in regulation of reactive oxygen species. Redox Biology, 2014, 2, 764-771.	9.0	45
18	RNAâ€seq reveals a robust transcriptomic response during anoxia in the Western painted turtle. FASEB Journal, 2013, 27, 937.21.	0.5	0

#	Article	IF	Citations
19	Metabolic fate of lactate after anoxia at 20Â°C in the Western painted turtle. FASEB Journal, 2013, 27, 714.14.	0.5	0
20	Dermal bone in early tetrapods: a palaeophysiological hypothesis of adaptation for terrestrial acidosis. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3035-3040.	2.6	25
21	The effects of temperature on cardiac Eâ€€ coupling and intracellular Ca2+ buffering in trout cardiomyocytes. FASEB Journal, 2012, 26, 1071.8.	0.5	0
22	The cellular force-frequency response in ventricular myocytes from the varanid lizard, Varanus exanthematicus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R567-R574.	1.8	14
23	Ca²⁺cycling in cardiomyocytes from a high-performance reptile, the varanid lizard (Varanus exanthematicus). American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R1636-R1644.	1.8	19
24	Lactate metabolism in anoxic turtles: an integrative review. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2008, 178, 133-148.	1.5	32
25	Effects of temperature on anoxic submergence: skeletal buffering, lactate distribution, and glycogen utilization in the turtle, Trachemys scripta. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R458-R467.	1.8	16
26	Tissue Glycogen and Extracellular Buffering Limit the Survival of Redâ€Eared Slider Turtles during Anoxic Submergence at 3Â°C. Physiological and Biochemical Zoology, 2006, 79, 736-744.	1.5	37
27	The role of mineralized tissue in the buffering of lactic acid during anoxia and exercise in the leopard frog Rana pipiens. Journal of Experimental Biology, 2005, 208, 1117-1124.	1.7	18
28	Effects of swimming on metabolic recovery from anoxia in the painted turtle. Journal of Experimental Biology, 2004, 207, 2705-2713.	1.7	10