

# Daniel E Warren

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

369  
citations

687363

13  
h-index

794594

19  
g-index

31  
all docs

31  
docs citations

31  
times ranked

464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of GLUT1 in regulation of reactive oxygen species. <i>Redox Biology</i> , 2014, 2, 764-771.	9.0	45
2	Tissue Glycogen and Extracellular Buffering Limit the Survival of Red-eared Slider Turtles during Anoxic Submergence at 3°C. <i>Physiological and Biochemical Zoology</i> , 2006, 79, 736-744.	1.5	37
3	Lactate metabolism in anoxic turtles: an integrative review. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2008, 178, 133-148.	1.5	32
4	Transcriptomic Responses of the Heart and Brain to Anoxia in the Western Painted Turtle. <i>PLoS ONE</i> , 2015, 10, e0131669.	2.5	29
5	Small Non-coding RNA Expression and Vertebrate Anoxia Tolerance. <i>Frontiers in Genetics</i> , 2018, 9, 230.	2.3	27
6	Dermal bone in early tetrapods: a palaeophysiological hypothesis of adaptation for terrestrial acidosis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3035-3040.	2.6	25
7	Ca <sup>2+</sup> cycling in cardiomyocytes from a high-performance reptile, the varanid lizard ( <i>Varanus exanthematicus</i> ). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1636-R1644.	1.8	19
8	The calcium stored in the sarcoplasmic reticulum acts as a safety mechanism in rainbow trout heart. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R1493-R1501.	1.8	19
9	The role of mineralized tissue in the buffering of lactic acid during anoxia and exercise in the leopard frog <i>Rana pipiens</i> . <i>Journal of Experimental Biology</i> , 2005, 208, 1117-1124.	1.7	18
10	Myoglobin as a versatile peroxidase: Implications for a more important role for vertebrate striated muscle in antioxidant defense. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 234, 9-17.	1.6	18
11	Effects of temperature on anoxic submergence: skeletal buffering, lactate distribution, and glycogen utilization in the turtle, <i>Trachemys scripta</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R458-R467.	1.8	16
12	The cellular force-frequency response in ventricular myocytes from the varanid lizard, <i>Varanus exanthematicus</i> . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R567-R574.	1.8	14
13	The metabolic consequences of repeated anoxic stress in the western painted turtle, <i>Chrysemys picta bellii</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2017, 203, 1-8.	1.8	13
14	Changes in the material properties of the shell during simulated aquatic hibernation in the anoxia-tolerant painted turtle. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	13
15	Effects of swimming on metabolic recovery from anoxia in the painted turtle. <i>Journal of Experimental Biology</i> , 2004, 207, 2705-2713.	1.7	10
16	Development-specific transcriptomic profiling suggests new mechanisms for anoxic survival in the ventricle of overwintering turtles. <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	9
17	The effects of pH and Pi on tension and Ca <sup>2+</sup> sensitivity of ventricular myofilaments from the anoxia-tolerant painted turtle. <i>Journal of Experimental Biology</i> , 2017, 220, 4234-4241.	1.7	8
18	Palaeophysiology of pH regulation in tetrapods. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190131.	4.0	8

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19	Cold acclimation induces life stage-specific responses in the cardiac proteome of western painted turtles ( <i>Chrysemys picta bellii</i> ): implications for anoxia tolerance. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	5
20	Heterogeneous bioapatite carbonation in western painted turtles is unchanged after anoxia. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2019, 233, 74-83.	1.8	2
21	Donald C. Jackson (1937–2020). <i>Journal of Experimental Biology</i> , 2020, 223, .	1.7	1
22	Introduction to the special issue: The state of acid-base physiology in a changing world. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2020, 241, 110630.	1.8	0
23	Skeletal muscle histidine-containing dipeptide contents are increased in freshwater turtles ( <i>C. picta</i> ) Tj ETQq1 1 0.784314 rgBT /Overl <i>Integrative Physiology</i> , 2021, 262, 111071.	1.8	0
24	The effects of temperature on cardiac E <sub>Ca</sub> coupling and intracellular Ca <sup>2+</sup> buffering in trout cardiomyocytes. <i>FASEB Journal</i> , 2012, 26, 1071.8.	0.5	0
25	RNA-seq reveals a robust transcriptomic response during anoxia in the Western painted turtle. <i>FASEB Journal</i> , 2013, 27, 937.21.	0.5	0
26	Metabolic fate of lactate after anoxia at 20°C in the Western painted turtle. <i>FASEB Journal</i> , 2013, 27, 714.14.	0.5	0
27	The Effect of Intracellular pH on Myocardial Calcium Sensitivity in the Anoxia-Tolerant Painted Turtle. <i>FASEB Journal</i> , 2016, 30, 760.22.	0.5	0
28	Ventricular transcriptomic changes induced by cold-acclimation in the painted turtle suggests epigenetic-mediated transcriptional remodeling. <i>FASEB Journal</i> , 2019, 33, 726.4.	0.5	0