

# Liam J Hawkins

## List of Publications by Year in descending order

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17  
papers

162  
citations

1163117

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1125743

13  
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18  
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18  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Role of MicroRNAs in Extreme Animal Survival Strategies. <i>Methods in Molecular Biology</i> , 2022, 2257, 311-347.	0.9	7
2	44 Current Challenges in miRNomics. <i>Methods in Molecular Biology</i> , 2022, 2257, 423-438.	0.9	6
3	MicroRNA, mRNA and protein responses to dehydration in skeletal muscle of the African-clawed frog, <i>Xenopus laevis</i> . <i>Gene Reports</i> , 2022, 26, 101507.	0.8	0
4	Insights from a vertebrate model organism on the molecular mechanisms of whole-body dehydration tolerance. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2381-2392.	3.1	1
5	DNA methylation and regulation of DNA methyltransferases in a freeze-tolerant vertebrate. <i>Biochemistry and Cell Biology</i> , 2020, 98, 145-153.	2.0	12
6	Advances and applications of environmental stress adaptation research. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2020, 240, 110623.	1.8	12
7	Phosphoproteomic Analysis of <i>Xenopus laevis</i> Reveals Expression and Phosphorylation of Hypoxia-Inducible PFKFB3 during Dehydration. <i>IScience</i> , 2020, 23, 101598.	4.1	2
8	Proteomics of intracellular freezing survival. <i>PLoS ONE</i> , 2020, 15, e0233048.	2.5	1
9	MicroRNA expression in the heart of <i>Xenopus laevis</i> facilitates metabolic adaptation to dehydration. <i>Genomics</i> , 2020, 112, 3525-3536.	2.9	11
10	Naked mole rats activate neuroprotective proteins during hypoxia. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2019, 331, 571-576.	1.9	10
11	Glucose and urea metabolic enzymes are differentially phosphorylated during freezing, anoxia, and dehydration exposures in a freeze tolerant frog. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 30, 1-13.	1.0	13
12	Dynamic regulation of six histone H3 lysine (K) methyltransferases in response to prolonged anoxia exposure in a freshwater turtle. <i>Gene</i> , 2018, 649, 50-57.	2.2	30
13	Roles for lysine acetyltransferases during mammalian hibernation. <i>Journal of Thermal Biology</i> , 2018, 74, 71-76.	2.5	12
14	Histone methylation in the freeze-tolerant wood frog ( <i>Rana sylvatica</i> ). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2018, 188, 113-125.	1.5	22
15	Selection of reference genes for accurate RT-qPCR analysis of dehydration tolerance in <i>Xenopus laevis</i> . <i>Gene Reports</i> , 2018, 13, 192-198.	0.8	9
16	Transcriptional regulation of metabolism in disease: From transcription factors to epigenetics. <i>PeerJ</i> , 2018, 6, e5062.	2.0	9
17	Improved high-throughput quantification of luminescent microplate assays using a common Western-blot imaging system. <i>MethodsX</i> , 2017, 4, 413-422.	1.6	5