Liam J Hawkins

List of Publications by Year
in descending order

17 papers	162 citations	1163117 8 h-index	1125743 13 g-index
18 all docs	18 docs citations	18 times ranked	154 citing authors

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