

Dana L Miller

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

856
citations

840585

11
h-index

839398

18
g-index

26
all docs

26
docs citations

26
times ranked

1689
citing authors

#	ARTICLE	IF	CITATIONS
1	Nuclear hormone receptor NHR-49 acts in parallel with HIF-1 to promote hypoxia adaptation in <i>Caenorhabditis elegans</i> . <i>ELife</i> , 2022, 11, .	2.8	14
2	RHY-4 Promotes Hydrogen Sulfide Tolerance. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
3	Fasting prevents hypoxia-induced defects of proteostasis in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2019, 15, e1008242.	1.5	8
4	A Novel Mechanism To Prevent H ₂ S Toxicity in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2019, 213, 481-490.	1.2	17
5	There Are Worms in My Aging Research!. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1170-1172.	1.7	1
6	Two functionally distinct E2/E3 pairs coordinate sequential ubiquitination of a common substrate in <i>Caenorhabditis elegans</i> development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6576-E6584.	3.3	31
7	<i>Caenorhabditis elegans</i> HIF-1 Is Broadly Required for Survival in Hydrogen Sulfide. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3699-3704.	0.8	9
8	Computational Analysis of Lifespan Experiment Reproducibility. <i>Frontiers in Genetics</i> , 2017, 8, 92.	1.1	29
9	Mitochondrial Sulfide Quinone Oxidoreductase Prevents Activation of the Unfolded Protein Response in Hydrogen Sulfide. <i>Journal of Biological Chemistry</i> , 2016, 291, 5320-5325.	1.6	19
10	Tissue-specific autophagy responses to aging and stress in <i>C. elegans</i> . <i>Aging</i> , 2015, 7, 419-434.	1.4	83
11	Hypoxia disrupts proteostasis in <i>Caenorhabditis elegans</i> . <i>Aging Cell</i> , 2015, 14, 92-101.	3.0	50
12	Cell nonautonomous activation of flavin-containing monooxygenase promotes longevity and health span. <i>Science</i> , 2015, 350, 1375-1378.	6.0	109
13	Interactions between oxygen homeostasis, food availability, and hydrogen sulfide signaling. <i>Frontiers in Genetics</i> , 2012, 3, 257.	1.1	11
14	Creating Defined Gaseous Environments to Study the Effects of Hypoxia on <i>C. elegans</i> . <i>Journal of Visualized Experiments</i> , 2012, , e4088.	0.2	13
15	HIF-1 and SKN-1 Coordinate the Transcriptional Response to Hydrogen Sulfide in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2011, 6, e25476.	1.1	55
16	<i>C. Elegans</i> Are Protected from Lethal Hypoxia by an Embryonic Diapause. <i>Current Biology</i> , 2009, 19, 1233-1237.	1.8	63
17	Hydrogen sulfide increases thermotolerance and lifespan in <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20618-20622.	3.3	222
18	Evidence for a Monomeric Intermediate in the Reversible Unfolding of F Factor TraM. <i>Journal of Biological Chemistry</i> , 2003, 278, 10400-10407.	1.6	11

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19	Novel Roles for <i>Saccharomyces cerevisiae</i> Mitotic Spindle Motors. <i>Journal of Cell Biology</i> , 1999, 147, 335-350.	2.3	107