

Daniel Munro

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

544
citations

1040056

9
h-index

1199594

12
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all docs

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docs citations

13
times ranked

909
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic calculation of ATP/O ratios measured using Magnesium Green (MgGr)â„¢. <i>MethodsX</i> , 2021, 8, 101520.	1.6	0
2	Naked mole-rat skeletal muscle mitochondria exhibit minimal functional plasticity in acute or chronic hypoxia. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2021, 255, 110596.	1.6	13
3	Burrowing star-nosed moles (<i>Condylura cristata</i>) are not hypoxia tolerant. <i>Journal of Experimental Biology</i> , 2021, 224, .	1.7	7
4	The effect of short-term methionine restriction on hydrogen peroxide metabolism in Fischer-344 rat skeletal muscle mitochondria. <i>Mitochondrion</i> , 2020, 55, 1-7.	3.4	3
5	Comparative studies of mitochondrial reactive oxygen species in animal longevity: Technical pitfalls and possibilities. <i>Aging Cell</i> , 2019, 18, e13009.	6.7	35
6	The exceptional longevity of the naked mole-rat may be explained by mitochondrial antioxidant defenses. <i>Aging Cell</i> , 2019, 18, e12916.	6.7	67
7	Longevity or hypoxia: who's driving?. <i>Aging</i> , 2019, 11, 5864-5865.	3.1	3
8	A radical shift in perspective: mitochondria as regulators of reactive oxygen species. <i>Journal of Experimental Biology</i> , 2017, 220, 1170-1180.	1.7	171
9	The thioredoxin and glutathione-dependent H ₂ O ₂ consumption pathways in muscle mitochondria: Involvement in H ₂ O ₂ metabolism and consequence to H ₂ O ₂ efflux assays. <i>Free Radical Biology and Medicine</i> , 2016, 96, 334-346.	2.9	60
10	Age, Diet, and Season Do Not Affect Longevity-Related Differences in Peroxidation Index Between <i>Spisula solidissima</i> and <i>Arctica islandica</i> . <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 434-443.	3.6	13
11	Differentiating between apparent and actual rates of H ₂ O ₂ metabolism by isolated rat muscle mitochondria to test a simple model of mitochondria as regulators of H ₂ O ₂ concentration. <i>Redox Biology</i> , 2015, 5, 216-224.	9.0	36
12	Low hydrogen peroxide production in mitochondria of the long-lived <i>Arctica islandica</i> : underlying mechanisms for slow aging. <i>Aging Cell</i> , 2013, 12, 584-592.	6.7	48
13	The extreme longevity of <i>Arctica islandica</i> is associated with increased peroxidation resistance in mitochondrial membranes. <i>Aging Cell</i> , 2012, 11, 845-855.	6.7	88