

# Bryan G Hughes

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

816  
citations

759233

12  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Doxorubicin induces de novo expression of N-terminal-truncated matrix metalloproteinase-2 in cardiac myocytes. Canadian Journal of Physiology and Pharmacology, 2018, 96, 1238-1245.	1.4	12
2	Many possible maximum lifespan trajectories. Nature, 2017, 546, E8-E9.	27.8	25
3	Estimating the occurrence of primary ubiquinone deficiency by analysis of large-scale sequencing data. Scientific Reports, 2017, 7, 17744.	3.3	31
4	Matrix metalloproteinase-2 in oncostatin M-induced sarcomere degeneration in cardiomyocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H183-H189.	3.2	16
5	Different Mechanisms of Longevity in Long-Lived Mouse and <i>Caenorhabditis elegans</i> Mutants Revealed by Statistical Analysis of Mortality Rates. Genetics, 2016, 204, 905-920.	2.9	37
6	Nuclear matrix metalloproteinase-2 in the cardiomyocyte and the ischemic-reperfused heart. Journal of Molecular and Cellular Cardiology, 2016, 94, 153-161.	1.9	30
7	Sequential fractionation and isolation of subcellular proteins from tissue or cultured cells. MethodsX, 2015, 2, 440-445.	1.6	145
8	Dynamic Alterations to $\hat{\alpha}$ -Actinin Accompanying Sarcomere Disassembly and Reassembly during Cardiomyocyte Mitosis. PLoS ONE, 2015, 10, e0129176.	2.5	21
9	Nuclear Localization and Biological Function of Matrix Metalloproteinase-2. FASEB Journal, 2015, 29, 979.6.	0.5	0
10	MMP-2 is localized to the mitochondria-associated membrane of the heart. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H764-H770.	3.2	40
11	Targeting MMP-2 to treat ischemic heart injury. Basic Research in Cardiology, 2014, 109, 424.	5.9	69
12	Compensatory elevation of voluntary activity in mouse mutants with impaired mitochondrial energy metabolism. Physiological Reports, 2014, 2, e12214.	1.7	2
13	Matrix metalloproteinase-2 is localized to the mitochondria-associated membrane in the heart (1154.4). FASEB Journal, 2014, 28, 1154.4.	0.5	0
14	Role of MMP-2 activation in oncostatin M induced cardiomyocyte dedifferentiation. FASEB Journal, 2013, 27, 1146.4.	0.5	0
15	Analysis of mitochondrial MMP-2 and MMP-9 in the heart. FASEB Journal, 2013, 27, 1129.10.	0.5	0
16	Intracellular proteases and sarcomere disassembly in neonatal cardiomyocytes. FASEB Journal, 2013, 27, 1217.33.	0.5	0
17	A Mild Impairment of Mitochondrial Electron Transport Has Sex-Specific Effects on Lifespan and Aging in Mice. PLoS ONE, 2011, 6, e26116.	2.5	45
18	Phylogenetic ubiquity of the effects of altered ubiquinone biosynthesis on survival. Aging, 2011, 3, 184-185.	3.1	0

#	ARTICLE	IF	CITATIONS
19	Mclk1 <sup>+/-</sup> mice are not resistant to the development of atherosclerosis. <i>Lipids in Health and Disease</i> , 2009, 8, 16.	3.0	1
20	Genetic and molecular characterization of CLK-1/mCLK1, a conserved determinant of the rate of aging. <i>Experimental Gerontology</i> , 2006, 41, 940-951.	2.8	33
21	Evolutionary conservation of the clk-1-dependent mechanism of longevity: loss of mclk1 increases cellular fitness and lifespan in mice. <i>Genes and Development</i> , 2005, 19, 2424-2434.	5.9	309