

Helen E Collins

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

643
citations

840585

11
h-index

940416

16
g-index

19
all docs

19
docs citations

19
times ranked

1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiomyocyte stromal interaction molecule 1 is a key regulator of Ca ²⁺ -dependent kinase and phosphatase activity in the mouse heart. <i>Physiological Reports</i> , 2022, 10, e15177.	0.7	2
2	STIM and Orai Mediated Regulation of Calcium Signaling in Age-Related Diseases. <i>Frontiers in Aging</i> , 2022, 3, .	1.2	8
3	Metabolic signatures of pregnancy-induced cardiac growth. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H146-H164.	1.5	8
4	Mitochondrial Morphology and Mitophagy in Heart Diseases: Qualitative and Quantitative Analyses Using Transmission Electron Microscopy. <i>Frontiers in Aging</i> , 2021, 2, .	1.2	13
5	The Identification of a Novel Calcium-Dependent Link Between NAD ⁺ and Glucose Deprivation-Induced Increases in Protein O-GlcNAcylation and ER Stress. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 780865.	1.6	3
6	Regulation of cardiac O-GlcNAcylation: More than just nutrient availability. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165712.	1.8	19
7	Abstract 526: Unraveling the Molecular Signature of Pregnancy Induced Hypertrophy. <i>Circulation Research</i> , 2020, 127, .	2.0	0
8	Acute increases in O-GlcNAc indirectly impair mitochondrial bioenergetics through dysregulation of LonP1-mediated mitochondrial protein complex turnover. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C862-C875.	2.1	16
9	Novel role of the ER/SR Ca ²⁺ sensor STIM1 in the regulation of cardiac metabolism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H1014-H1026.	1.5	19
10	Temporal partitioning of adaptive responses of the murine heart to fasting. <i>Life Sciences</i> , 2018, 197, 30-39.	2.0	16
11	O-GlcNAcylation and cardiovascular disease. <i>Biochemical Society Transactions</i> , 2017, 45, 545-553.	1.6	80
12	Non-voltage-gated Ca ²⁺ entry pathways in the heart: the untold STOrai?. <i>Cardiovascular Research</i> , 2015, 105, 233-234.	1.8	0
13	Abstract 19844: Stromal Interaction Molecule 1 is Essential for the Maintenance of Cardiac Metabolism. <i>Circulation</i> , 2015, 132, .	1.6	0
14	Protein O-GlcNAcylation and Cardiovascular (Patho)physiology. <i>Journal of Biological Chemistry</i> , 2014, 289, 34449-34456.	1.6	77
15	Cardiomyocyte-Specific BMAL1 Plays Critical Roles in Metabolism, Signaling, and Maintenance of Contractile Function of the Heart. <i>Journal of Biological Rhythms</i> , 2014, 29, 257-276.	1.4	165
16	Stromal interaction molecule 1 is essential for normal cardiac homeostasis through modulation of ER and mitochondrial function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1231-H1239.	1.5	53
17	STIM1/Orai1-mediated SOCE: current perspectives and potential roles in cardiac function and pathology. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H446-H458.	1.5	108
18	Diurnal variation in excitation-contraction coupling is lost in the adult spontaneously hypertensive rat heart. <i>Journal of Hypertension</i> , 2013, 31, 1214-1223.	0.3	11

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19	Inotropic Response of Cardiac Ventricular Myocytes to β_2 -Adrenergic Stimulation With Isoproterenol Exhibits Diurnal Variation. <i>Circulation Research</i> , 2010, 106, 1244-1252.	2.0	45