Robert A Haworth

List of Publications by Year
in descending order

26 papers	2,658 citations	567281 15 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	1997 citing authors

#	Article	IF	Citations
1	The Ca2+-induced membrane transition in mitochondria. Archives of Biochemistry and Biophysics, 1979, 195, 460-467.	3.0	717
2	The Ca2+-induced membrane transition in mitochondria. Archives of Biochemistry and Biophysics, 1979, 195, 453-459.	3.0	677
3	The Ca2+-induced membrane transition in mitochondria. Archives of Biochemistry and Biophysics, 1979, 195, 468-477.	3.0	420
4	Depletion of T-tubules and specific subcellular changes in sarcolemmal proteins in tachycardia-induced heart failure. Cardiovascular Research, 2003, 59, 67-77.	3.8	154
5	Increased Nitration of Sarcoplasmic Reticulum Ca 2+ -ATPase in Human Heart Failure. Circulation, 2005, 111, 988-995.	1.6	130
6	Control of the mitochondrial permeability transition pore by high-affinity ADP binding at the ADP/ATP translocase in permeabilized mitochondria. , 2000, 32, 91-96.		93
7	Cellular manganese uptake by the isolated perfused rat heart: a probe for the sarcolemma calcium channel. Journal of Molecular and Cellular Cardiology, 1981, 13, 823-832.	1.9	74
8	Hemin: levels in experimental subarachnoid hematoma and effects on dissociated vascular smooth-muscle cells. Journal of Neurosurgery, 1993, 79, 252-255.	1.6	73
9	Regulation of Na⁺-K⁺-Cl^{â”}cotransporter in primary astrocytes by dibutyryl cAMP and high [K⁺]_o. American Journal of Physiology - Cell Physiology, 2000, 279, C1710-C1721.	4.6	66
10	Stimulation of Na-K-2Cl Cotransporter in Neurons by Activation of Non-NMDA Ionotropic Receptor and Group-I mGluRs. Journal of Neurophysiology, 2001, 85, 2563-2575.	1.8	52
11	Crosstalk of Î²-Adrenergic Receptor Subtypes Through G i Blunts Î²-Adrenergic Stimulation of L-Type Ca 2+ Channels in Canine Heart Failure. Circulation Research, 2005, 97, 566-573.	4.5	51
12	Structureâ€“function relationships of Ca spark activity in normal and failing cardiac myocytes as revealed by flash photography. Cell Calcium, 2007, 41, 123-134.	2.4	23
13	Insulin stimulates deoxyglucose transport in adult rat heart cells in the absence of Ca2+. FEBS Letters, 1982, 141, 37-40.	2.8	22
14	Heterogeneous response of isolated adult rat heart cells to insulin. Archives of Biochemistry and Biophysics, 1984, 233, 106-114.	3.0	22
15	Measurement of Ca channel activity of isolated adult rat heart cells using 54Mn. Archives of Biochemistry and Biophysics, 1989, 268, 594-604.	3.0	17
16	Role of arachidonic acid, lipoxygenase, and mitochondrial depolarization in reperfusion arrhythmias. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 299, H165-H174.	3.2	16
17	Oxidative phosphorylation and respiratory control in lysolecithin treated electron transport particles. Biochemical and Biophysical Research Communications, 1974, 56, 647-653.	2.1	14
18	Use of Isolated Adult Myocytes to Evaluate Cardiotoxicity. II. Preparation and Properties*. Toxicologic Pathology, 1990, 18, 521-530.	1.8	9

#	Article	IF	Citations
19	Preservation of metabolic reserves and function after storage of myocytes in hypothermic UW solution. American Journal of Physiology - Cell Physiology, 2001, 281, C758-C772.	4.6	8
20	The ribbon structure of the mitochondrial inner membrane. Journal of Bioenergetics and Biomembranes, 1977, 9, 151-170.	2.3	7
21	Ca uptake by heart cells: I. Ca uptake by the sarcoplasmic reticulum of intact heart cells in suspension. Cell Calcium, 1998, 23, 181-198.	2.4	6
22	Modulation of uncoupler-induced sugar uptake in isolated adult rat heart cells by isoproterenol. Archives of Biochemistry and Biophysics, 1985, 239, 191-199.	3.0	5
23	Effect of barbiturates on the calciuminduced loss of respiratory control in beef heart mitochondria. Biochemical Pharmacology, 1980, 29, 1455-1458.	4.4	1
24	Ca uptake by heart cells: II. Most entering Ca appears to leave without mixing with the sarcoplasmic reticulum Ca pool. Cell Calcium, 1998, 23, 199-205.	2.4	1
25	Ca2+-Induced Transition in Mitochondria: A Cellular Catastrophe?. , 2002, , 115-124.		0
26	Structure of the Mitochondrion. , 1978, , 57-74.		0