

Robert A Haworth

List of Publications by Year in descending order

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26
papers

2,658
citations

566801

15
h-index

642321

23
g-index

26
all docs

26
docs citations

26
times ranked

1997
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ca ²⁺ -induced membrane transition in mitochondria. Archives of Biochemistry and Biophysics, 1979, 195, 460-467.	1.4	717
2	The Ca ²⁺ -induced membrane transition in mitochondria. Archives of Biochemistry and Biophysics, 1979, 195, 453-459.	1.4	677
3	The Ca ²⁺ -induced membrane transition in mitochondria. Archives of Biochemistry and Biophysics, 1979, 195, 468-477.	1.4	420
4	Depletion of T-tubules and specific subcellular changes in sarcolemmal proteins in tachycardia-induced heart failure. Cardiovascular Research, 2003, 59, 67-77.	1.8	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.	0.9	74
8	Hemin: levels in experimental subarachnoid hematoma and effects on dissociated vascular smooth-muscle cells. Journal of Neurosurgery, 1993, 79, 252-255.	0.9	73
9	Regulation of Na ⁺ -K ⁺ -Cl ⁻ cotransporter in primary astrocytes by dibutyryl cAMP and high [K ⁺] _o . American Journal of Physiology - Cell Physiology, 2000, 279, C1710-C1721.	2.1	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.	0.9	52
11	Crosstalk of β -Adrenergic Receptor Subtypes Through G _i Blunts β -Adrenergic Stimulation of L-Type Ca ²⁺ Channels in Canine Heart Failure. Circulation Research, 2005, 97, 566-573.	2.0	51
12	Structure-function relationships of Ca spark activity in normal and failing cardiac myocytes as revealed by flash photography. Cell Calcium, 2007, 41, 123-134.	1.1	23
13	Insulin stimulates deoxyglucose transport in adult rat heart cells in the absence of Ca ²⁺ . FEBS Letters, 1982, 141, 37-40.	1.3	22
14	Heterogeneous response of isolated adult rat heart cells to insulin. Archives of Biochemistry and Biophysics, 1984, 233, 106-114.	1.4	22
15	Measurement of Ca channel activity of isolated adult rat heart cells using ⁵⁴ Mn. Archives of Biochemistry and Biophysics, 1989, 268, 594-604.	1.4	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.	1.5	16
17	Oxidative phosphorylation and respiratory control in lysolecithin treated electron transport particles. Biochemical and Biophysical Research Communications, 1974, 56, 647-653.	1.0	14
18	Use of Isolated Adult Myocytes to Evaluate Cardiotoxicity. II. Preparation and Properties*. Toxicologic Pathology, 1990, 18, 521-530.	0.9	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.	2.1	8
20	The ribbon structure of the mitochondrial inner membrane. Journal of Bioenergetics and Biomembranes, 1977, 9, 151-170.	1.0	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.	1.1	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.	1.4	5
23	Effect of barbiturates on the calcium-induced loss of respiratory control in beef heart mitochondria. Biochemical Pharmacology, 1980, 29, 1455-1458.	2.0	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.	1.1	1
25	Ca ²⁺ -Induced Transition in Mitochondria: A Cellular Catastrophe?. , 2002, , 115-124.		0
26	Structure of the Mitochondrion. , 1978, , 57-74.		0