A A Knowlton

List of Publications by Year
in descending order

49 papers	4,196 citations	147566 31 h-index	223531 46 g-index
49 all docs	49 docs citations	49 times ranked	4220 citing authors

#	Article	IF	Citations
1	Exosomes as agents of change in the cardiovascular system. Journal of Molecular and Cellular Cardiology, 2017, 111, 40-50.	0.9	33
2	Mitochondrial Dynamics and Heart Failure. , 2015, 6, 507-526.		27
3	TLR4 mutation and HSP60-induced cell death in adult mouse cardiac myocytes. Cell Stress and Chaperones, 2015, 20, 527-535.	1.2	29
4	Estrogen and the female heart. Molecular and Cellular Endocrinology, 2014, 389, 31-39.	1.6	45
5	Cardiac myocyte exosomes: stability, HSP60, and proteomics. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H954-H965.	1.5	191
6	Estrogen and the cardiovascular system. , 2012, 135, 54-70.		308
7	Reply to â€œLetter to the Editor: â€˜Understanding the WHI gapâ€™â€. Physiological Genomics, 2012, 44, 330-330.	1.0	0
8	Impact of aging vs. estrogen loss on cardiac gene expression: estrogen replacement and inflammation. Physiological Genomics, 2011, 43, 1065-1073.	1.0	36
9	Regulation of heat shock protein 60 and 72 expression in the failing heart. Journal of Molecular and Cellular Cardiology, 2010, 48, 360-366.	0.9	47
10	Mitochondria and heart failure: new insights into an energetic problem. Minerva Cardioangiologica, 2010, 58, 213-29.	1.2	38
11	Role of Aging Versus the Loss of Estrogens in the Reduction in Vascular Function in Female Rats. Endocrinology, 2009, 150, 212-219.	1.4	38
12	HSP60 trafficking in adult cardiac myocytes: role of the exosomal pathway. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H3052-H3056.	1.5	316
13	HSP60 in heart failure: abnormal distribution and role in cardiac myocyte apoptosis. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2238-H2247.	1.5	129
14	NFÎºB, heat shock proteins, HSF-1, and inflammation. Cardiovascular Research, 2006, 69, 7-8.	1.8	37
15	HSP60, Bax, Apoptosis and the Heart. Journal of Cellular and Molecular Medicine, 2005, 9, 51-58.	1.6	167
16	Effect of mutation of amino acids 246â€“251 (KRKHKK) in HSP72 on protein synthesis and recovery from hypoxic injury. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H2519-H2525.	1.5	14
17	Estrogen, Heat Shock Proteins, and NFÎºB in Human Vascular Endothelium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1628-1633.	1.1	41
18	Estrogen and regulation of heat shock protein expression in female cardiomyocytes: cross-talk with NFÐºB signaling. Journal of Molecular and Cellular Cardiology, 2004, 36, 577-584.	0.9	71

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19	HSP60, Bax, and Cardiac Apoptosis. Cardiovascular Toxicology, 2003, 3, 263-268.	1.1	27
20	Gender differences in the expression of heat shock proteins: the effect of estrogen. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H687-H692.	1.5	125
21	Cytosolic Heat Shock Protein 60, Hypoxia, and Apoptosis. Circulation, 2002, 106, 2727-2733.	1.6	147
22	Heme-oxygenase-1: Versatile Sentinel Against Injury. Journal of Molecular and Cellular Cardiology, 2002, 34, 1297-1300.	0.9	3
23	Cytosolic Heat Shock Protein 60, Apoptosis, and Myocardial Injury. Circulation, 2002, 105, 2899-2904.	1.6	260
24	Hsp72 expression enhances survival in adenosine triphosphateâ€"depleted renal epithelial cells. Cell Stress and Chaperones, 2002, 7, 137.	1.2	24
25	Mutation of Amino Acids 566â€"572 (KKKVLDK) Inhibits Nuclear Accumulation of Heat Shock Protein 72 after Heat Shock. Journal of Molecular and Cellular Cardiology, 2001, 33, 49-55.	0.9	7
26	Regulation of Prostaglandin A1-induced Heat Shock Protein Expression in Isolated Cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2001, 33, 1447-1454.	0.9	15
27	Heat-shock factor-1, steroid hormones, and regulation of heat-shock protein expression in the heart. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H455-H464.	1.5	109
28	Activation of the heat shock response: relationship to energy metabolites. A 31P NMR study in rat hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H426-H433.	1.5	25
29	Activation of Heat-Shock Factor by Stretch-Activated Channels in Rat Hearts. Circulation, 2001, 104, 209-214.	1.6	38
30	Activation of HSF and selective increase in heat-shock proteins by acute dexamethasone treatment. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H1091-H1097.	1.5	70
31	Phosphorylation at tyrosine-524 influences nuclear accumulation of HSP72 with heat stress. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H2143-H2149.	1.5	22
32	Expression of heat shock proteins in turtle and mammal hearts: relationship to anoxia tolerance. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 278, R209-R214.	0.9	39
33	Prior heat stress inhibits apoptosis in adenosine triphosphate-depleted renal tubular cells. Kidney International, 1999, 55, 2224-2235.	2.6	63
34	Mutation of Amino Acids 246-251 Alters Nuclear Accumulation of Human Heat Shock Protein (HSP) 72 with Stress, But Does Not Reduce Viability. Journal of Molecular and Cellular Cardiology, 1999, 31, 523-532.	0.9	18
35	Differential Expression of Heat Shock Proteins in Normal and Failing Human Hearts. Journal of Molecular and Cellular Cardiology, 1998, 30, 811-818.	0.9	170
36	Tumor Necrosis Factor-Î± Confers Resistance to Hypoxic Injury in the Adult Mammalian Cardiac Myocyte. Circulation, 1998, 97, 1392-1400.	1.6	134

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37	Blocking the Endogenous Increase in HSP 72 Increases Susceptibility to Hypoxia and Reoxygenation in Isolated Adult Feline Cardiocytes. Circulation, 1997, 95, 1523-1531.	1.6	93
38	Nuclear localization and the heat shock proteins. Journal of Biosciences, 1996, 21, 123-132.	0.5	49
39	Current Concepts in Transcription, Translation, and the Regulation of Gene Expression. Chest, 1995, 107, 241-248.	0.4	1
40	The role of heat shock proteins in the heart. Journal of Molecular and Cellular Cardiology, 1995, 27, 121-131.	0.9	115
41	Late preconditioning against myocardial stunning. An endogenous protective mechanism that confers resistance to postischemic dysfunction 24 h after brief ischemia in conscious pigs.. Journal of Clinical Investigation, 1995, 95, 388-403.	3.9	214
42	Heat-shock proteins, stress, and the heart. Annals of the New York Academy of Sciences, 1994, 723, 128-37.	1.8	6
43	Rapid expression of fibronectin in the rabbit heart after myocardial infarction with and without reperfusion.. Journal of Clinical Investigation, 1992, 89, 1060-1068.	3.9	115
44	Rapid expression of heat shock protein in the rabbit after brief cardiac ischemia.. Journal of Clinical Investigation, 1991, 87, 139-147.	3.9	256
45	A single myocardial stretch or decreased systolic fiber shortening stimulates the expression of heat shock protein 70 in the isolated, erythrocyte-perfused rabbit heart.. Journal of Clinical Investigation, 1991, 88, 2018-2025.	3.9	80
46	Paradoxical increase in heart rate before conversion to sinus rhythm in patients with recent-onset atrial fibrillation. American Journal of Cardiology, 1990, 65, 930-932.	0.7	6
47	Rabbit heart fatty acid-binding protein. Isolation, characterization, and application of a monoclonal antibody.. Circulation Research, 1989, 65, 981-988.	2.0	30
48	Leakage of heart fatty acid binding protein with ischemia and reperfusion in the rat. Journal of Molecular and Cellular Cardiology, 1989, 21, 577-583.	0.9	64
49	Digoxin for Converting Recent-Onset Atrial Fibrillation to Sinus Rhythm. Annals of Internal Medicine, 1987, 106, 503.	2.0	304