Ruben Mestril

List of Publications by Year in Descending Order

Source: https://exaly.com/author-pdf/8919357/ruben-mestril-publications-by-year.pdf
Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55 papers	4,134 citations	31 h-index	57 g-index
57 ext. papers	4,338 ext. citations	4.9 avg, IF	4.67 L-index

#	Paper	IF	Citations
55	Overexpression of HSP70 attenuates sarcopenia by suppressing the expression of miR-133b. *JCSM Rapid Communications*, **2020**, 3, 70-76	2.6	1
54	Increased Heat Shock Protein Expression Decreases Inflammation in Skeletal Muscle During and after Frostbite Injury. *Current Molecular Medicine*, **2020**, 20, 733-740	2.5	
53	Protein kinase C-□nteraction with iHSP70 in mitochondria promotes recovery of mitochondrial function after injury in renal proximal tubular cells. *American Journal of Physiology - Renal Physiology*, **2013**, 305, F764-76	4.3	8
52	Preservation of skeletal muscle by the heat shock proteins following frostbite injury. *FASEB Journal* , **2013**, 27, 1200.1	0.9	
51	Overexpression of inducible 70-kDa heat shock protein in mouse improves structural and functional recovery of skeletal muscles from atrophy. *Pflugers Archiv European Journal of Physiology*, **2012**, 463, 733-41	4.6	36
50	Hyperthermia: from diagnostic and treatments to new discoveries. *Recent Patents on Biotechnology* , **2012**, 6, 172-83	2.2	3
49	Increased expression of heat shock proteins in skeletal muscle induces autophagy. *FASEB Journal*, **2012**, 26, lb680	0.9	
48	Evidence That The Overexpression Of The Inducible Heat Shock Protein 70 In Mouse Improves Recovery Of Skeletal Muscle From Atrophy. *FASEB Journal*, **2011**, 25, 1050.3	0.9	
47	Overexpression of HSP10 in skeletal muscle of transgenic mice prevents the age-related fall in maximum tetanic force generation and muscle Cross-Sectional Area. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2010**, 299, R268-76	3.2	31
46	HSP72 protects against obesity-induced insulin resistance. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 1739-44	11.5	397
45	Influence of PKC-alpha overexpression on HSP70 and cardioprotection. *American Journal of Physiology - Heart and Circulatory Physiology*, **2007**, 292, H2220-6	5.2	9
44	CHIP and HSPs interact with beta-APP in a proteasome-dependent manner and influence Abeta metabolism. *Human Molecular Genetics*, **2007**, 16, 848-64	5.6	128
43	Importance of small heat shock protein 20 (hsp20) C-terminal extension in cardioprotection. *Journal of Molecular and Cellular Cardiology*, **2007**, 42, 862-9	5.8	18
42	Troponin I levels in patients with preeclampsia. *American Journal of Medicine*, **2007**, 120, 819.e13-4	2.4	33
41	Ca2+/Calmodulin-dependent protein kinase II phosphorylation of ryanodine receptor does affect calcium sparks in mouse ventricular myocytes. *Circulation Research*, **2006**, 99, 398-406	15.7	213
40	Overexpression of inducible 70-kDa heat shock protein in mouse attenuates skeletal muscle damage induced by cryolesioning. *American Journal of Physiology - Cell Physiology*, **2006**, 290, C1128-38	5.4	69
39	Downregulation of the constitutively expressed Hsc70 in diabetic myocardium is mediated by insulin deficiency. *Journal of Endocrinology*, **2006**, 190, 433-40	4.7	18

38	Effect of lifelong overexpression of HSP70 in skeletal muscle on age-related oxidative stress and adaptation after nondamaging contractile activity. *FASEB Journal*, **2006**, 20, 1549-51	0.9	140
37	Impairment of the ubiquitin-proteasome system in desminopathy mouse hearts. *FASEB Journal*, **2006**, 20, 362-4	0.9	128
36	Differential effects of mitochondrial heat shock protein 60 and related molecular chaperones to prevent intracellular beta-amyloid-induced inhibition of complex IV and limit apoptosis. *Journal of Biological Chemistry*, **2006**, 281, 29468-78	5.4	98
35	Aberrant protein aggregation is essential for a mutant desmin to impair the proteolytic function of the ubiquitin-proteasome system in cardiomyocytes. *Journal of Molecular and Cellular Cardiology*, **2006**, 40, 451-4	5.8	84
34	Dynamic changes in free Ca-calmodulin levels in adult cardiac myocytes. *Journal of Molecular and Cellular Cardiology*, **2006**, 41, 451-8	5.8	40
33	Cardiomyocyte protection by Hsp70 and Hsc70 from oxidative stress induced apoptosis. *FASEB Journal*, **2006**, 20, A119	0.9	
32	Potential mechanisms of heat shock protein 90 inhibitors in rat neonatal ventricular myocytes. *FASEB Journal*, **2006**, 20, A386	0.9	
31	The use of transgenic mice to study cytoprotection by the stress proteins. *Methods*, **2005**, 35, 165-9	4.6	6
30	4-Tertiary butyl phenol exposure sensitizes human melanocytes to dendritic cell-mediated killing: relevance to vitiligo. *Journal of Investigative Dermatology*, **2005**, 124, 798-806	4.3	116
29	Phosphorylation and binding of AUF1 to the 3Tuntranslated region of cardiomyocyte SERCA2a mRNA. *American Journal of Physiology - Heart and Circulatory Physiology*, **2005**, 289, H2543-50	5.2	23
28	Interleukin-18 is a pro-hypertrophic cytokine that acts through a phosphatidylinositol 3-kinase-phosphoinositide-dependent kinase-1-Akt-GATA4 signaling pathway in cardiomyocytes. *Journal of Biological Chemistry*, **2005**, 280, 4553-67	5.4	99
27	Overexpression of HSP70 in mouse skeletal muscle protects against muscle damage and age-related muscle dysfunction. *FASEB Journal*, **2004**, 18, 355-7	0.9	198
26	Radicicol activates heat shock protein expression and cardioprotection in neonatal rat cardiomyocytes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2004**, 287, H1081-8	5.2	44
25	Progressive decrease in chaperone protein levels in a mouse model of Huntington's disease and induction of stress proteins as a therapeutic approach. *Human Molecular Genetics*, **2004**, 13, 1389-405	5.6	261
24	Mediators of ischemic preconditioning identified by microarray analysis of rat spinal cord. *Experimental Neurology*, **2004**, 185, 81-96	5.7	54
23	Spinal heat shock protein (70) expression: effect of spinal ischemia, hyperthermia (42 degrees C)/hypothermia (27 degrees C), NMDA receptor activation and potassium evoked depolarization on the induction. *Neurochemistry International*, **2004**, 44, 53-64	4.4	13
22	Hsp10 and Hsp60 modulate Bcl-2 family and mitochondria apoptosis signaling induced by doxorubicin in cardiac muscle cells. *Journal of Molecular and Cellular Cardiology*, **2003**, 35, 1135-43	5.8	176
21	Hsp10 and Hsp60 suppress ubiquitination of insulin-like growth factor-1 receptor and augment insulin-like growth factor-1 receptor signaling in cardiac muscle: implications on decreased myocardial protection in diabetic cardiomyopathy. *Journal of Biological Chemistry*, **2003**, 278, 45492-8	5.4	68

20	Overexpression of heat shock proteins differentially modulates protein kinase C expression in rat neonatal cardiomyocytes. *Cell Stress and Chaperones*, **2003**, 8, 297-302	4	11
19	Mutation of COOH-terminal lysines in overexpressed alpha B-crystallin abrogates ischemic protection in cardiomyocytes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2002**, 283, H85-91	5.2	6
18	Losing heart: the role of apoptosis in heart disease--a novel therapeutic target?. *FASEB Journal*, **2002**, 16, 135-46	0.9	250
17	Combined and individual mitochondrial HSP60 and HSP10 expression in cardiac myocytes protects mitochondrial function and prevents apoptotic cell deaths induced by simulated ischemia-reoxygenation. *Circulation*, **2001**, 103, 1787-92	16.7	225
16	Stress protein involvement in cardioprotection induced by hypothermia. *Journal of Molecular and Cellular Cardiology*, **2001**, 33, 2075-8	5.8	1
15	Role of protein kinase C-epsilon in hypertrophy of cultured neonatal rat ventricular myocytes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2001**, 280, H756-66	5.2	48
14	Heat shock factor 1-mediated thermotolerance prevents cell death and results in G2/M cell cycle arrest. *Cell Stress and Chaperones*, **2001**, 6, 326-36	4	43
13	Mice overexpressing rat heat shock protein 70 are protected against cerebral infarction. *Annals of Neurology*, **2000**, 47, 782-791	9.4	255
12	Protection against endotoxemia by HSP70 in rodent cardiomyocytes. *American Journal of Physiology - Heart and Circulatory Physiology*, **2000**, 278, H1439-45	5.2	38
11	Functional properties of skeletal muscle from transgenic animals with upregulated heat shock protein 70. *Physiological Genomics*, **2000**, 4, 25-33	3.6	24
10	Mice overexpressing rat heat shock protein 70 are protected against cerebral infarction **2000**, 47, 782		8
9	Specific heat shock proteins protect microtubules during simulated ischemia in cardiac myocytes. *American Journal of Physiology - Heart and Circulatory Physiology*, **1998**, 275, H2243-9	5.2	31
8	Induction of heat shock proteins by tyrosine kinase inhibitors in rat cardiomyocytes and myogenic cells confers protection against simulated ischemia. *Journal of Molecular and Cellular Cardiology*, **1997**, 29, 1927-38	5.8	45
7	Small heat shock proteins and protection against ischemic injury in cardiac myocytes. *Circulation*, **1997**, 96, 4343-8	16.7	264
6	Simultaneous overexpression of two stress proteins in rat cardiomyocytes and myogenic cells confers protection against ischemia-induced injury. *Circulation*, **1997**, 96, 2287-94	16.7	85
5	Ischemia, Infarction and HSP70. *Developments in Cardiovascular Medicine*, **1997**, 25-39		
4	Adenovirus-mediated gene transfer of a heat shock protein 70 (hsp 70i) protects against simulated ischemia. *Journal of Molecular and Cellular Cardiology*, **1996**, 28, 2351-8	5.8	81
3	Overexpression of heat shock protein 72 in transgenic mice decreases infarct size in vivo. *Circulation*, **1996**, 94, 1408-11	16.7	167

2	Heat shock and adaptive response to ischemia. *Trends in Cardiovascular Medicine*, **1991**, 1, 240-4	6.9	6
1	Ecdysterone selectively stimulates the expression of a 23000-Da heat-shock protein-beta-galactosidase hybrid gene in cultured Drosophila cells. *Developmental Biology*, **1985**, 110, 321-30	3.1	34