

Govindasamy Ilangovan

List of Publications by Year in descending order

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19
papers

455
citations

840776

11
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

675
citing authors

#	ARTICLE	IF	CITATIONS
1	Serine mutations in overexpressed Hsp27 abrogate the protection against doxorubicin-induced p53-dependent cardiac apoptosis in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H963-H975.	3.2	4
2	Defining the reducing system of the NO dioxygenase cytoglobin in vascular smooth muscle cells and its critical role in regulating cellular NO decay. <i>Journal of Biological Chemistry</i> , 2021, 296, 100196.	3.4	9
3	Cytoglobin has potent superoxide dismutase function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
4	Regulation of Nitric Oxide Metabolism and Vascular Tone by Cytoglobin. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1172-1187.	5.4	28
5	Dioxygen Binding and Sensing Proteins. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1151-1154.	5.4	1
6	Heat shock factor-1 knockout enhances cholesterol 7 α -hydroxylase (CYP7A1) and multidrug transporter (MDR1) gene expressions to attenuate atherosclerosis. <i>Cardiovascular Research</i> , 2016, 111, 74-83.	3.8	12
7	Heat shock factor-1 knockout induces multidrug resistance gene, MDR1b, and enhances P-glycoprotein (ABCB1)-based drug extrusion in the heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9023-9028.	7.1	37
8	Heat Shock Protein 25-Enriched Plasma Transfusion Preconditions the Heart against Doxorubicin-Induced Dilated Cardiomyopathy in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 341, 829-839.	2.5	18
9	Abstract P155: HSF-1 Deletion Induces MDR1 Gene in the Heart and Protects from Doxorubicin-Induced Cardiotoxicity. <i>Circulation Research</i> , 2011, 109, .	4.5	0
10	Role of heat shock factor-1 activation in the doxorubicin-induced heart failure in mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 298, H1832-H1841.	3.2	55
11	Plasma level Hsp27 as a Potential Biomarker of Doxorubicin-Induced Heart Failure. <i>FASEB Journal</i> , 2010, 24, 1047.4.	0.5	0
12	HSP27 regulates p53 transcriptional activity in doxorubicin-treated fibroblasts and cardiac H9c2 cells: p21 upregulation and G ₂ /M phase cell cycle arrest. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H1736-H1744.	3.2	52
13	Spontaneous Reoxygenation of Myocardial Infarct Area with Permanent Coronary Obstruction. <i>FASEB Journal</i> , 2008, 22, 750.17.	0.5	0
14	Heat Shock Factor-1 Knock Out Protects From Doxorubicin-Induced Heart Failure. <i>FASEB Journal</i> , 2008, 22, 1165.3.	0.5	0
15	Heat shock-induced attenuation of hydroxyl radical generation and mitochondrial aconitase activity in cardiac H9c2 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2006, 290, C313-C324.	4.6	33
16	Heat shock protects cardiac cells from doxorubicin-induced toxicity by activating p38 MAPK and phosphorylation of small heat shock protein 27. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H2680-H2691.	3.2	76
17	Heat shock regulates the respiration of cardiac H9c2 cells through upregulation of nitric oxide synthase. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 287, C1472-C1481.	4.6	31
18	EPR oximetry in the beating heart: Myocardial oxygen consumption rate as an index of postischemic recovery. <i>Magnetic Resonance in Medicine</i> , 2004, 51, 835-842.	3.0	42

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19	In vivo measurement and imaging of tumor oxygenation using coembedded paramagnetic particulates. <i>Magnetic Resonance in Medicine</i> , 2004, 52, 650-657.	3.0	38