Krishna Singh

List of Publications by Year
in descending order

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47 papers	2,883 citations	279487 23 h-index	301761 39 g-index
47 all docs	47 docs citations	47 times ranked	3089 citing authors

#	Article	IF	Citations
1	Cardioprotective Potential of Exogenous Ubiquitin. Cardiovascular Drugs and Therapy, 2021, 35, 1227-1232.	1.3	3
2	Deficiency of ataxia-telangiectasia mutated kinase modulates functional and biochemical parameters of the heart in response to Western-type diet. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H2324-H2338.	1.5	5
3	Heart failure and diabetes: role of ATM. Current Opinion in Pharmacology, 2020, 54, 27-35.	1.7	11
4	Exogenous ubiquitin attenuates hypoxia/reoxygenation-induced cardiac myocyte apoptosis via the involvement of CXCR4 and modulation of mitochondrial homeostasis. Biochemistry and Cell Biology, 2020, 98, 492-501.	0.9	11
5	Exogenous ubiquitin reduces inflammatory response and preserves myocardial function 3 days post-ischemia-reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H617-H628.	1.5	21
6	Extracellular ubiquitin modulates cardiac fibroblast phenotype and function via its interaction with CXCR4. Life Sciences, 2018, 211, 8-16.	2.0	16
7	NF2 signaling pathway plays a pro-apoptotic role in Î²-adrenergic receptor stimulated cardiac myocyte apoptosis. PLoS ONE, 2018, 13, e0196626.	1.1	25
8	Ataxia telangiectasia mutated kinase deficiency impairs the autophagic response early during myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H48-H57.	1.5	10
9	Cervical vagus nerve stimulation augments spontaneous discharge in second- and higher-order sensory neurons in the rat nucleus of the solitary tract. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H354-H367.	1.5	21
10	Ataxia-Telangiectasia Mutated Kinase: Role in Myocardial Remodeling. , 2017, 2, 32-37.		3
11	Ataxia telangiectasia-mutated kinase deficiency exacerbates left ventricular dysfunction and remodeling late after myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H445-H452.	1.5	22
12	Î²-arrestin 2 attenuates cardiac dysfunction in polymicrobial sepsis through gp130 and p38. Biochemistry and Biophysics Reports, 2016, 7, 130-137.	0.7	2
13	Confirmation of Myocardial Ischemia and Reperfusion Injury in Mice Using Surface Pad Electrocardiography. Journal of Visualized Experiments, 2016, , .	0.2	8
14	Osteopontin-stimulated apoptosis in cardiac myocytes involves oxidative stress and mitochondrial death pathway: role of a pro-apoptotic protein BIK. Molecular and Cellular Biochemistry, 2016, 418, 1-11.	1.4	30
15	Extracellular Ubiquitin: Role in Myocyte Apoptosis and Myocardial Remodeling. , 2015, 6, 527-560.		16
16	Osteopontinâ€Stimulated Apoptosis in Cardiac Myocytes Involves Reactive Oxygen Species and Mitochondrial Pathway. FASEB Journal, 2015, 29, 975.4.	0.2	0
17	Extracellular Ubiquitin Modulates Cardiac Fibroblast Phenotype and Function. FASEB Journal, 2015, 29, 671.4.	0.2	0
18	Exacerbation of Celecoxib-Induced Renal Injury by Concomitant Administration of Misoprostol in Rats. PLoS ONE, 2014, 9, e89087.	1.1	8

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19	Extracellular Ubiquitin Increases Expression of Angiogenic Molecules and Stimulates Angiogenesis in Cardiac Microvascular Endothelial Cells. Microcirculation, 2014, 21, 324-332.	1.0	29
20	Osteopontin: At the cross-roads of myocyte survival and myocardial function. Life Sciences, 2014, 118, 1-6.	2.0	42
21	Osteopontin stimulates apoptosis in adult cardiac myocytes via the involvement of CD44 receptors, mitochondrial death pathway, and endoplasmic reticulum stress. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H1182-H1191.	1.5	38
22	Deficiency of Ataxia Telangiectasia Mutated Kinase Modulates Cardiac Remodeling Following Myocardial Infarction: Involvement in Fibrosis and Apoptosis. PLoS ONE, 2013, 8, e83513.	1.1	35
23	Osteopontin Stimulates Cardiac Myocyte Apoptosis via the Involvement of ER Stress and Mitochondrial Death Pathway. FASEB Journal, 2013, 27, 727.3.	0.2	0
24	Exogenous ubiquitin modulates chronic Î²-adrenergic receptor-stimulated myocardial remodeling: role in Akt activity and matrix metalloproteinase expression. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H1459-H1468.	1.5	23
25	Lack of ataxia telangiectasia mutated kinase induces structural and functional changes in the heart: role in Î²â€adrenergic receptorâ€stimulated apoptosis. Experimental Physiology, 2012, 97, 506-515.	0.9	14
26	Î²-Adrenergic receptor stimulation induces endoplasmic reticulum stress in adult cardiac myocytes: role in apoptosis. Molecular and Cellular Biochemistry, 2012, 364, 59-70.	1.4	48
27	Î²â€Adrenergic Receptor (Î²â€AR)â€Stimulated Cardiac Myocyte Apoptosis and Myocardial Remodeling are Modulated by Exogenous Ubiquitin. FASEB Journal, 2012, 26, 1139.3.	0.2	0
28	Ataxia telangiectasia mutated kinase plays a protective role in Î²-adrenergic receptor-stimulated cardiac myocyte apoptosis and myocardial remodeling. Molecular and Cellular Biochemistry, 2011, 353, 13-22.	1.4	24
29	Role of osteopontin in heart failure associated with aging. Heart Failure Reviews, 2010, 15, 487-494.	1.7	41
30	Extracellular ubiquitin inhibits Â-AR-stimulated apoptosis in cardiac myocytes: role of GSK-3Â and mitochondrial pathways. Cardiovascular Research, 2010, 86, 20-28.	1.8	44
31	Inhibition of matrix metalloproteinases improves left ventricular function in mice lacking osteopontin after myocardial infarction. Molecular and Cellular Biochemistry, 2009, 322, 53-62.	1.4	50
32	ATM plays a protective role in Î²â€adrenergic receptor (Î²â€AR)â€stimulated cardiac myocyte apoptosis and myocardial remodeling. FASEB Journal, 2009, 23, 953.13.	0.2	0
33	Downregulation of VEGFâ€D expression by interleukinâ€1Î² in cardiac microvascular endothelial cells is mediated by MAPKs and PKCÎ±/Î²₁. Journal of Cellular Physiology, 2008, 215, 337-343.	2.0	23
34	Î²1 Integrins Modulate Î²-Adrenergic Receptorâ€"Stimulated Cardiac Myocyte Apoptosis and Myocardial Remodeling. Hypertension, 2007, 49, 865-872.	1.3	84
35	Glycogen synthase kinase-3Î² plays a pro-apoptotic role in Î²-adrenergic receptor-stimulated apoptosis in adult rat ventricular myocytes: Role of Î²1 integrins. Journal of Molecular and Cellular Cardiology, 2007, 42, 653-661.	0.9	48
36	Interleukin-1Î² increases expression and activity of matrix metalloproteinase-2 in cardiac microvascular endothelial cells: role of PKCÎ±/Î²1and MAPKs. American Journal of Physiology - Cell Physiology, 2007, 292, C867-C875.	2.1	88

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37	Expression of the cytoplasmic domain of Î²1 integrin induces apoptosis in adult rat ventricular myocytes (ARVM) via the involvement of caspase-8 and mitochondrial death pathway. Basic Research in Cardiology, 2006, 101, 485-493.	2.5	17
38	Î²-Adrenergic receptor-stimulated apoptosis in adult cardiac myocytes involves MMP-2-mediated disruption of Î²1 integrin signaling and mitochondrial pathway. American Journal of Physiology - Cell Physiology, 2006, 290, C254-C261.	2.1	65
39	Î²-Adrenergic Receptorâ€"Stimulated Apoptosis in Cardiac Myocytes Is Mediated by Reactive Oxygen Species/c-Jun NH 2 -Terminal Kinaseâ€"Dependent Activation of the Mitochondrial Pathway. Circulation Research, 2003, 92, 136-138.	2.0	235
40	Osteopontin Inhibits Interleukin-1Î²-stimulated Increases in Matrix Metalloproteinase Activity in Adult Rat Cardiac Fibroblasts. Journal of Biological Chemistry, 2003, 278, 48546-48552.	1.6	66
41	Adrenergic regulation of cardiac myocyte apoptosis. Journal of Cellular Physiology, 2001, 189, 257-265.	2.0	203
42	Regulation of angiotensin II-stimulated osteopontin expression in cardiac microvascular endothelial cells: Role of p42/44 mitogen-activated protein kinase and reactive oxygen species. Journal of Cellular Physiology, 2001, 188, 132-138.	2.0	76
43	Mice Lacking Inducible Nitric Oxide Synthase Have Improved Left Ventricular Contractile Function and Reduced Apoptotic Cell Death Late After Myocardial Infarction. Circulation Research, 2001, 89, 351-356.	2.0	145
44	Inhibition of protein phosphatase 1 induces apoptosis in neonatal rat cardiac myocytes: role of adrenergic receptor stimulation. Basic Research in Cardiology, 2000, 95, 389-396.	2.5	11
45	Opposing Effects of Î² ₁ - and Î² ₂ -Adrenergic Receptors on Cardiac Myocyte Apoptosis. Circulation, 1999, 100, 2210-2212.	1.6	541
46	Changes in Gene Expression during the Transition from Compensated Hypertrophy to Heart Failure. Heart Failure Reviews, 1999, 4, 361-378.	1.7	0
47	Norepinephrine Stimulates Apoptosis in Adult Rat Ventricular Myocytes by Activation of the Î²-Adrenergic Pathway. Circulation, 1998, 98, 1329-1334.	1.6	681