

# Krishna Singh

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7371758/krishna-singh-publications-by-citations.pdf>

**Version:** 2024-04-24

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.

47  
papers

2,497  
citations

21  
h-index

47  
g-index

47  
ext. papers

2,684  
ext. citations

5.7  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
47	Norepinephrine stimulates apoptosis in adult rat ventricular myocytes by activation of the beta-adrenergic pathway. <i>Circulation</i> , <b>1998</b> , 98, 1329-34	16.7	610
46	Opposing effects of beta(1)- and beta(2)-adrenergic receptors on cardiac myocyte apoptosis : role of a pertussis toxin-sensitive G protein. <i>Circulation</i> , <b>1999</b> , 100, 2210-2	16.7	483
45	Beta-adrenergic receptor-stimulated apoptosis in cardiac myocytes is mediated by reactive oxygen species/c-Jun NH2-terminal kinase-dependent activation of the mitochondrial pathway. <i>Circulation Research</i> , <b>2003</b> , 92, 136-8	15.7	214
44	Adrenergic regulation of cardiac myocyte apoptosis. <i>Journal of Cellular Physiology</i> , <b>2001</b> , 189, 257-65	7	167
43	Mice lacking inducible nitric oxide synthase have improved left ventricular contractile function and reduced apoptotic cell death late after myocardial infarction. <i>Circulation Research</i> , <b>2001</b> , 89, 351-6	15.7	139
42	Beta1 integrins modulate beta-adrenergic receptor-stimulated cardiac myocyte apoptosis and myocardial remodeling. <i>Hypertension</i> , <b>2007</b> , 49, 865-72	8.5	78
41	Interleukin-1beta increases expression and activity of matrix metalloproteinase-2 in cardiac microvascular endothelial cells: role of PKCalpha/beta1 and MAPKs. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 292, C867-75	5.4	73
40	Regulation of angiotensin II-stimulated osteopontin expression in cardiac microvascular endothelial cells: role of p42/44 mitogen-activated protein kinase and reactive oxygen species. <i>Journal of Cellular Physiology</i> , <b>2001</b> , 188, 132-8	7	69
39	beta-Adrenergic receptor-stimulated apoptosis in adult cardiac myocytes involves MMP-2-mediated disruption of beta1 integrin signaling and mitochondrial pathway. <i>American Journal of Physiology - Cell Physiology</i> , <b>2006</b> , 290, C254-61	5.4	59
38	Osteopontin inhibits interleukin-1beta-stimulated increases in matrix metalloproteinase activity in adult rat cardiac fibroblasts: role of protein kinase C-zeta. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 48546-52	5.4	58
37	Inhibition of matrix metalloproteinases improves left ventricular function in mice lacking osteopontin after myocardial infarction. <i>Molecular and Cellular Biochemistry</i> , <b>2009</b> , 322, 53-62	4.2	44
36	Glycogen synthase kinase-3beta plays a pro-apoptotic role in beta-adrenergic receptor-stimulated apoptosis in adult rat ventricular myocytes: Role of beta1 integrins. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2007</b> , 42, 653-61	5.8	44
35	Adrenergic receptor stimulation induces endoplasmic reticulum stress in adult cardiac myocytes: role in apoptosis. <i>Molecular and Cellular Biochemistry</i> , <b>2012</b> , 364, 59-70	4.2	40
34	Extracellular ubiquitin inhibits beta-AR-stimulated apoptosis in cardiac myocytes: role of GSK-3beta and mitochondrial pathways. <i>Cardiovascular Research</i> , <b>2010</b> , 86, 20-8	9.9	37
33	Role of osteopontin in heart failure associated with aging. <i>Heart Failure Reviews</i> , <b>2010</b> , 15, 487-94	5	37
32	Osteopontin: At the cross-roads of myocyte survival and myocardial function. <i>Life Sciences</i> , <b>2014</b> , 118, 1-6	6.8	34
31	Osteopontin stimulates apoptosis in adult cardiac myocytes via the involvement of CD44 receptors, mitochondrial death pathway, and endoplasmic reticulum stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 306, H1182-91	5.2	26

30	Extracellular ubiquitin increases expression of angiogenic molecules and stimulates angiogenesis in cardiac microvascular endothelial cells. <i>Microcirculation</i> , <b>2014</b> , 21, 324-32	2.9	25
29	Deficiency of ataxia telangiectasia mutated kinase modulates cardiac remodeling following myocardial infarction: involvement in fibrosis and apoptosis. <i>PLoS ONE</i> , <b>2013</b> , 8, e83513	3.7	23
28	Osteopontin-stimulated apoptosis in cardiac myocytes involves oxidative stress and mitochondrial death pathway: role of a pro-apoptotic protein BIK. <i>Molecular and Cellular Biochemistry</i> , <b>2016</b> , 418, 1-11	4.2	21
27	Ataxia telangiectasia mutated kinase plays a protective role in $\beta$ adrenergic receptor-stimulated cardiac myocyte apoptosis and myocardial remodeling. <i>Molecular and Cellular Biochemistry</i> , <b>2011</b> , 353, 13-22	4.2	21
26	Exogenous ubiquitin modulates chronic $\beta$ adrenergic receptor-stimulated myocardial remodeling: role in Akt activity and matrix metalloproteinase expression. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H1459-68	5.2	19
25	Downregulation of VEGF-D expression by interleukin-1beta in cardiac microvascular endothelial cells is mediated by MAPKs and PKCalpha/beta1. <i>Journal of Cellular Physiology</i> , <b>2008</b> , 215, 337-43	7	18
24	Expression of the cytoplasmic domain of beta1 integrin induces apoptosis in adult rat ventricular myocytes (ARVM) via the involvement of caspase-8 and mitochondrial death pathway. <i>Basic Research in Cardiology</i> , <b>2006</b> , 101, 485-93	11.8	16
23	Ataxia telangiectasia-mutated kinase deficiency exacerbates left ventricular dysfunction and remodeling late after myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2016</b> , 311, H445-52	5.2	16
22	Exogenous ubiquitin reduces inflammatory response and preserves myocardial function 3 days post-ischemia-reperfusion injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2019</b> , 316, H617-H628	5.2	16
21	Cervical vagus nerve stimulation augments spontaneous discharge in second- and higher-order sensory neurons in the rat nucleus of the solitary tract. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2017</b> , 313, H354-H367	5.2	15
20	Lack of ataxia telangiectasia mutated kinase induces structural and functional changes in the heart: role in $\beta$ adrenergic receptor-stimulated apoptosis. <i>Experimental Physiology</i> , <b>2012</b> , 97, 506-515	2.4	13
19	Extracellular ubiquitin modulates cardiac fibroblast phenotype and function via its interaction with CXCR4. <i>Life Sciences</i> , <b>2018</b> , 211, 8-16	6.8	13
18	Inhibition of protein phosphatase 1 induces apoptosis in neonatal rat cardiac myocytes: role of adrenergic receptor stimulation. <i>Basic Research in Cardiology</i> , <b>2000</b> , 95, 389-96	11.8	11
17	NF2 signaling pathway plays a pro-apoptotic role in $\beta$ adrenergic receptor stimulated cardiac myocyte apoptosis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0196626	3.7	11
16	Extracellular Ubiquitin: Role in Myocyte Apoptosis and Myocardial Remodeling. <i>Comprehensive Physiology</i> , <b>2015</b> , 6, 527-60	7.7	10
15	Heart failure and diabetes: role of ATM. <i>Current Opinion in Pharmacology</i> , <b>2020</b> , 54, 27-35	5.1	7
14	Exogenous ubiquitin attenuates hypoxia/reoxygenation-induced cardiac myocyte apoptosis via the involvement of CXCR4 and modulation of mitochondrial homeostasis. <i>Biochemistry and Cell Biology</i> , <b>2020</b> , 98, 492-501	3.6	6
13	Confirmation of Myocardial Ischemia and Reperfusion Injury in Mice Using Surface Pad Electrocardiography. <i>Journal of Visualized Experiments</i> , <b>2016</b> ,	1.6	6

12	Exacerbation of celecoxib-induced renal injury by concomitant administration of misoprostol in rats. <i>PLoS ONE</i> , <b>2014</b> , 9, e89087	3.7	6
11	Ataxia telangiectasia mutated kinase deficiency impairs the autophagic response early during myocardial infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2018</b> , 315, H48-H57	5.2	5
10	Ataxia-Telangiectasia Mutated Kinase: Role in Myocardial Remodeling <b>2017</b> , 2, 32-37		3
9	Deficiency of ataxia-telangiectasia mutated kinase modulates functional and biochemical parameters of the heart in response to Western-type diet. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2021</b> , 320, H2324-H2338	5.2	2
8	βArrestin 2 attenuates cardiac dysfunction in polymicrobial sepsis through gp130 and p38. <i>Biochemistry and Biophysics Reports</i> , <b>2016</b> , 7, 130-137	2.2	2
7	Cardioprotective Potential of Exogenous Ubiquitin. <i>Cardiovascular Drugs and Therapy</i> , <b>2021</b> , 35, 1227-1232		0
6	Changes in Gene Expression during the Transition from Compensated Hypertrophy to Heart Failure. <i>Heart Failure Reviews</i> , <b>1999</b> , 4, 361-378	5	
5	Osteopontin-Stimulated Apoptosis in Cardiac Myocytes Involves Reactive Oxygen Species and Mitochondrial Pathway. <i>FASEB Journal</i> , <b>2015</b> , 29, 975.4	0.9	
4	Extracellular Ubiquitin Modulates Cardiac Fibroblast Phenotype and Function. <i>FASEB Journal</i> , <b>2015</b> , 29, 671.4	0.9	
3	ATM plays a protective role in βAdrenergic receptor (βAR)-stimulated cardiac myocyte apoptosis and myocardial remodeling. <i>FASEB Journal</i> , <b>2009</b> , 23, 953.13	0.9	
2	βAdrenergic Receptor (βAR)-Stimulated Cardiac Myocyte Apoptosis and Myocardial Remodeling are Modulated by Exogenous Ubiquitin. <i>FASEB Journal</i> , <b>2012</b> , 26, 1139.3	0.9	
1	Osteopontin Stimulates Cardiac Myocyte Apoptosis via the Involvement of ER Stress and Mitochondrial Death Pathway. <i>FASEB Journal</i> , <b>2013</b> , 27, 727.3	0.9	