

# Hind Lal

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50  
papers

1,968  
citations

24  
h-index

44  
g-index

78  
ext. papers

2,475  
ext. citations

9.9  
avg, IF

4.94  
L-index

#	Paper	IF	Citations
50	Stress induced phosphate solubilization in bacteria isolated from alkaline soils. <i>FEMS Microbiology Letters</i> , <b>2000</b> , 182, 291-6	2.9	259
49	The GSK-3 family as therapeutic target for myocardial diseases. <i>Circulation Research</i> , <b>2015</b> , 116, 138-49	15.7	127
48	Prevention of liver cancer cachexia-induced cardiac wasting and heart failure. <i>European Heart Journal</i> , <b>2014</b> , 35, 932-41	9.5	117
47	Cardiac fibroblast glycogen synthase kinase-3 $\beta$ regulates ventricular remodeling and dysfunction in ischemic heart. <i>Circulation</i> , <b>2014</b> , 130, 419-30	16.7	111
46	GSK-3 $\beta$ is a central regulator of age-related pathologies in mice. <i>Journal of Clinical Investigation</i> , <b>2013</b> , 123, 1821-32	15.9	108
45	Glycogen synthase kinase-3 $\beta$ regulates post-myocardial infarction remodeling and stress-induced cardiomyocyte proliferation in vivo. <i>Circulation Research</i> , <b>2010</b> , 106, 1635-45	15.7	88
44	Entanglement of GSK-3 $\beta$ -catenin and TGF- $\beta$ signaling network to regulate myocardial fibrosis. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2017</b> , 110, 109-120	5.8	80
43	Stretch-induced MAP kinase activation in cardiac myocytes: differential regulation through beta1-integrin and focal adhesion kinase. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2007</b> , 43, 137-47	5.8	77
42	Neutrophil-Derived S100A8/A9 Amplify Granulopoiesis After Myocardial Infarction. <i>Circulation</i> , <b>2020</b> , 141, 1080-1094	16.7	60
41	A novel cardioprotective p38-MAPK/mTOR pathway. <i>Experimental Cell Research</i> , <b>2011</b> , 317, 2938-49	4.2	59
40	Integrins and proximal signaling mechanisms in cardiovascular disease. <i>Frontiers in Bioscience - Landmark</i> , <b>2009</b> , 14, 2307-34	2.8	58
39	Loss of Adult Cardiac Myocyte GSK-3 Leads to Mitotic Catastrophe Resulting in Fatal Dilated Cardiomyopathy. <i>Circulation Research</i> , <b>2016</b> , 118, 1208-22	15.7	55
38	Sorafenib cardiotoxicity increases mortality after myocardial infarction. <i>Circulation Research</i> , <b>2014</b> , 114, 1700-1712	15.7	50
37	Cancer genetics and the cardiotoxicity of the therapeutics. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 267-74	15.1	49
36	Glycogen synthase kinase-3 $\beta$ limits ischemic injury, cardiac rupture, post-myocardial infarction remodeling and death. <i>Circulation</i> , <b>2012</b> , 125, 65-75	16.7	48
35	Rac1 and RhoA differentially regulate angiotensinogen gene expression in stretched cardiac fibroblasts. <i>Cardiovascular Research</i> , <b>2011</b> , 90, 88-96	9.9	46
34	GSK-3 $\alpha$ directly regulates beta-adrenergic signaling and the response of the heart to hemodynamic stress in mice. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 2280-91	15.9	44

33	Cardiomyocyte-specific deletion of Gsk3 $\beta$ mitigates post-myocardial infarction remodeling, contractile dysfunction, and heart failure. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 64, 696-708	15.1	42
32	Stretch-induced regulation of angiotensinogen gene expression in cardiac myocytes and fibroblasts: opposing roles of JNK1/2 and p38alpha MAP kinases. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2008</b> , 45, 770-8	5.8	33
31	IL-10-producing B cells are enriched in murine pericardial adipose tissues and ameliorate the outcome of acute myocardial infarction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 21673-21684	11.5	32
30	Lethal and edema toxins of anthrax induce distinct hemodynamic dysfunction. <i>Frontiers in Bioscience - Landmark</i> , <b>2007</b> , 12, 4670-5	2.8	32
29	Ponatinib-induced cardiotoxicity: delineating the signalling mechanisms and potential rescue strategies. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 966-977	9.9	30
28	Integrins: novel therapeutic targets for cardiovascular diseases. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , <b>2007</b> , 5, 109-32	1.9	26
27	Anthrax toxin: pathologic effects on the cardiovascular system. <i>Frontiers in Bioscience - Landmark</i> , <b>2009</b> , 14, 2335-57	2.8	21
26	Cardiomyocyte SMAD4-Dependent TGF- $\beta$ Signaling is Essential to Maintain Adult Heart Homeostasis. <i>JACC Basic To Translational Science</i> , <b>2019</b> , 4, 41-53	8.7	20
25	Activation of the Amino Acid Response Pathway Blunts the Effects of Cardiac Stress. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	19
24	Inhibition of GSK-3 to induce cardiomyocyte proliferation: a recipe for in situ cardiac regeneration. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 20-30	9.9	18
23	A Pharmacovigilance Study of Hydroxychloroquine Cardiac Safety Profile: Potential Implication in COVID-19 Mitigation. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	16
22	Cardiotoxicity of the BCR-ABL1 tyrosine kinase inhibitors: Emphasis on ponatinib. <i>International Journal of Cardiology</i> , <b>2020</b> , 316, 214-221	3.2	15
21	Cadherin-11 blockade reduces inflammation-driven fibrotic remodeling and improves outcomes after myocardial infarction. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	15
20	Troponin I-interacting protein kinase: a novel cardiac-specific kinase, emerging as a molecular target for the treatment of cardiac disease. <i>Circulation Journal</i> , <b>2014</b> , 78, 1514-9	2.9	14
19	Cardiomyocyte-GSK-3 $\beta$ promotes mPTP opening and heart failure in mice with chronic pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 130, 65-75	5.8	13
18	Targeting 5-HT Receptor Signaling Prevents Border Zone Expansion and Improves Microstructural Remodeling After Myocardial Infarction. <i>Circulation</i> , <b>2021</b> , 143, 1317-1330	16.7	13
17	Cardiomyocyte-specific deletion of GSK-3 $\beta$ leads to cardiac dysfunction in a diet induced obesity model. <i>International Journal of Cardiology</i> , <b>2018</b> , 259, 145-152	3.2	12
16	Chronic Neuregulin-1 Treatment Mitigates the Progression of Postmyocardial Infarction Heart Failure in the Setting of Type 1 Diabetes Mellitus by Suppressing Myocardial Apoptosis, Fibrosis, and Key Oxidant-Producing Enzymes. <i>Journal of Cardiac Failure</i> , <b>2017</b> , 23, 887-899	3.3	11

15	Mouse Models of Heart Failure with Preserved or Reduced Ejection Fraction. <i>American Journal of Pathology</i> , <b>2020</b> , 190, 1596-1608	5.8	10
14	Cardiomyocyte Homeodomain-Interacting Protein Kinase 2 Maintains Basal Cardiac Function via Extracellular Signal-Regulated Kinase Signaling. <i>Circulation</i> , <b>2019</b> , 140, 1820-1833	16.7	9
13	Anthrax lethal toxin induces acute diastolic dysfunction in rats through disruption of the phospholamban signaling network. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 3884-95	3.2	8
12	Novel Mechanisms of Exosome-Mediated Phagocytosis of Dead Cells in Injured Heart. <i>Circulation Research</i> , <b>2021</b> , 129, 1006-1020	15.7	8
11	Caveolin and $\beta$ -integrin coordinate angiotensinogen expression in cardiac myocytes. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 436-45	3.2	6
10	Stress induced phosphate solubilization in bacteria isolated from alkaline soils		6
9	Mechanisms of Fibroblast Activation and Myocardial Fibrosis: Lessons Learned from FB-Specific Conditional Mouse Models. <i>Cells</i> , <b>2021</b> , 10,	7.9	6
8	Repurposing Nintedanib for pathological cardiac remodeling and dysfunction. <i>Pharmacological Research</i> , <b>2021</b> , 169, 105605	10.2	4
7	Deletion of Cardiomyocyte Glycogen Synthase Kinase-3 Beta (GSK-3 $\beta$ ) Improves Systemic Glucose Tolerance with Maintained Heart Function in Established Obesity. <i>Cells</i> , <b>2020</b> , 9,	7.9	3
6	Response by Zhou et al to Letter Regarding Article, "Loss of Adult Cardiac Myocyte GSK-3 Leads to Mitotic Catastrophe Resulting in Fatal Dilated Cardiomyopathy". <i>Circulation Research</i> , <b>2016</b> , 119, e29-e30	15.7	3
5	CADHERIN-11 BLOCKADE REDUCES INFLAMMATION-DRIVEN FIBROTIC REMODELING AND IMPROVES OUTCOMES AFTER MYOCARDIAL INFARCTION		2
4	Generation of Nppa-tagBFP reporter knock-in mouse line for studying cardiac chamber specification. <i>Genesis</i> , <b>2019</b> , 57, e23294	1.9	1
3	Cardiac fibroblast GSK-3 $\beta$ mediates adverse myocardial fibrosis via IL-11 and ERK pathway		1
2	The Sodium Pump: Bridging the Basic and Clinical Cardiovascular Sciences. <i>Recent Patents on Endocrine, Metabolic &amp; Immune Drug Discovery</i> , <b>2007</b> , 1, 224-246		
1	Molecular Signaling Mechanisms of Myocardial Stretch: Implications for Heart Disease <b>2009</b> , 55-81		