

Nirmal Parajuli

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,441
citations

186265
28
h-index

345221
36
g-index

54
all docs

54
docs citations

54
times ranked

4501
citing authors

#	ARTICLE	IF	CITATIONS
1	Inducible NOS Inhibition Reverses Tobacco-Smoke-Induced Emphysema and Pulmonary Hypertension in Mice. <i>Cell</i> , 2011, 147, 293-305.	28.9	293
2	Angiotensin II induced proteolytic cleavage of myocardial ACE2 is mediated by TACE/ADAM-17: A positive feedback mechanism in the RAS. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 66, 167-176.	1.9	263
3	ACE2 Deficiency Worsens Epicardial Adipose Tissue Inflammation and Cardiac Dysfunction in Response to Diet-Induced Obesity. <i>Diabetes</i> , 2016, 65, 85-95.	0.6	193
4	Empagliflozin Blunts Worsening Cardiac Dysfunction Associated With Reduced NLRP3 (Nucleotide-Binding Domain-Like Receptor Protein 3) Inflammasome Activation in Heart Failure. <i>Circulation: Heart Failure</i> , 2020, 13, e006277.	3.9	153
5	Empagliflozin Prevents Worsening of Cardiac Function in an Experimental Model of Pressure Overload-Induced Heart Failure. <i>JACC Basic To Translational Science</i> , 2017, 2, 347-354.	4.1	123
6	Remote ischemic preconditioning confers late protection against myocardial ischemiaâ€“reperfusion injury in mice by upregulating interleukin-10. <i>Basic Research in Cardiology</i> , 2012, 107, 277.	5.9	112
7	The role of AMPK in cardiomyocyte health and survival. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 2199-2210.	3.8	104
8	Hypoxia-inducible factor 1 transcriptional activity in endothelial cells is required for acute phase cardioprotection induced by ischemic preconditioning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10504-10509.	7.1	89
9	Iron-overload injury and cardiomyopathy in acquired and genetic models is attenuated by resveratrol therapy. <i>Scientific Reports</i> , 2015, 5, 18132.	3.3	85
10	Angiotensin-Converting Enzyme 2 Is a Critical Determinant of Angiotensin IIâ€“Induced Loss of Vascular Smooth Muscle Cells and Adverse Vascular Remodeling. <i>Hypertension</i> , 2014, 64, 157-164.	2.7	81
11	Stimulation of Soluble Guanylate Cyclase Prevents Cigarette Smokeâ€“induced Pulmonary Hypertension and Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1359-1373.	5.6	80
12	The Calcineurin-TFEB-p62 Pathway Mediates the Activation of Cardiac Macroautophagy by Proteasomal Malfunction. <i>Circulation Research</i> , 2020, 127, 502-518.	4.5	73
13	Role of angiotensin-converting enzyme 2 (ACE2) in diabetic cardiovascular complications. <i>Clinical Science</i> , 2014, 126, 471-482.	4.3	72
14	Fecal transplant from resveratrol-fed donors improves glycaemia and cardiovascular features of the metabolic syndrome in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E511-E519.	3.5	65
15	Phosphatase PTEN is critically involved in post-myocardial infarction remodeling through the Akt/interleukin-10 signaling pathway. <i>Basic Research in Cardiology</i> , 2012, 107, 248.	5.9	51
16	Myocardial Recovery From Ischemiaâ€“Reperfusion Is Compromised in the Absence of Tissue Inhibitor of Metalloproteinase 4. <i>Circulation: Heart Failure</i> , 2014, 7, 652-662.	3.9	50
17	MELAS syndrome and cardiomyopathy: linking mitochondrial function to heart failure pathogenesis. <i>Heart Failure Reviews</i> , 2016, 21, 103-116.	3.9	50
18	Inactivation of sestrin 2 induces TGF- β 2 signaling and partially rescues pulmonary emphysema in a mouse model of COPD. <i>DMM Disease Models and Mechanisms</i> , 2010, 3, 246-253.	2.4	49

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19	PDE1 inhibition facilitates proteasomal degradation of misfolded proteins and protects against cardiac proteinopathy. <i>Science Advances</i> , 2019, 5, eaaw5870.	10.3	49
20	Loss of NOX2 (gp91<i>phox</i>) prevents oxidative stress and progression to advanced heart failure. <i>Clinical Science</i> , 2014, 127, 331-340.	4.3	45
21	Co-administration of resveratrol with doxorubicin in young mice attenuates detrimental late-occurring cardiovascular changes. <i>Cardiovascular Research</i> , 2018, 114, 1350-1359.	3.8	41
22	Heme Oxygenase-2 and Large-Conductance Ca ²⁺ -activated K ⁺ Channels. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 353-364.	5.6	37
23	Ischemic preconditioning attenuates mitochondrial localization of PTEN induced by ischemia-reperfusion. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H2177-H2186.	3.2	34
24	Heterozygote loss of ACE2 is sufficient to increase the susceptibility to heart disease. <i>Journal of Molecular Medicine</i> , 2014, 92, 847-858.	3.9	34
25	Resveratrol improves cardiac function and exercise performance in MI-induced heart failure through the inhibition of cardiotoxic HETE metabolites. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 125, 162-173.	1.9	33
26	Determinants of ventricular arrhythmias in human explanted hearts with dilated cardiomyopathy. <i>European Journal of Clinical Investigation</i> , 2015, 45, 1286-1296.	3.4	31
27	Targeting angiotensin-converting enzyme 2 as a new therapeutic target for cardiovascular diseases. <i>Canadian Journal of Physiology and Pharmacology</i> , 2014, 92, 558-565.	1.4	29
28	Cigarette Smoke-Induced Emphysema and Pulmonary Hypertension Can Be Prevented by Phosphodiesterase 4 and 5 Inhibition in Mice. <i>PLoS ONE</i> , 2015, 10, e0129327.	2.5	29
29	NADPH oxidase subunit NOXO1 is a target for emphysema treatment in COPD. <i>Nature Metabolism</i> , 2020, 2, 532-546.	11.9	23
30	Atglistatin ameliorates functional decline in heart failure via adipocyte-specific inhibition of adipose triglyceride lipase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H879-H884.	3.2	20
31	PI3K β is essential for the recovery from Cre/tamoxifen cardiotoxicity and in myocardial insulin signalling but is not required for normal myocardial contractility in the adult heart. <i>Cardiovascular Research</i> , 2015, 105, 292-303.	3.8	16
32	Gender-dependent aortic remodelling in patients with bicuspid aortic valve-associated thoracic aortic aneurysm. <i>Journal of Molecular Medicine</i> , 2014, 92, 939-949.	3.9	14
33	Rumen Ciliate Faunae of Water Buffalo(<i>Bubalus bubalis</i>) and Goat(<i>Capra hircus</i>) in Nepal.. <i>Journal of Veterinary Medical Science</i> , 2002, 64, 265-267.	0.9	7
34	Smad2/4 Signaling Pathway Is Critical for Epidermal Langerhans Cell Repopulation Under Inflammatory Condition but Not Required for Their Homeostasis at Steady State. <i>Frontiers in Immunology</i> , 2020, 11, 912.	4.8	6
35	ALK3 Is Not Required for the Embryonic Development, Homeostasis, and Repopulation of Epidermal Langerhans Cells in Steady and Inflammatory States. <i>Journal of Investigative Dermatology</i> , 2021, 141, 1858-1861.	0.7	4
36	Effects Of The Soluble Guanylate Cyclase Stimulator Riociguat On Emphysema Development In Tobacco-Smoke Exposed Mice. , 2011, , .		0

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37	A Possible Role Of Serotonin For The Development Of Tobacco-Smoke Induced Lung Emphysema And Pulmonary Hypertension. , 2012, , .		0
38	Prevention Of Cigarette Smoke-Induced Pulmonary Hypertension By The Soluble Guanylate Cyclase Stimulator Riociguat. , 2012, , .		0
39	THE EFFECTS OF ADIPOCYTE-SPECIFIC ADIPOSE TRIGLYCERIDE LIPASE DELETION ON CARDIAC FUNCTION. Canadian Journal of Cardiology, 2016, 32, S142.	1.7	0
40	EMPAGLIFLOZIN PREVENTS WORSENING OF CARDIAC FUNCTION IN MICE WITH HEART FAILURE. Canadian Journal of Cardiology, 2017, 33, S172.	1.7	0
41	In vivo genetic interrogations establish unequivocally the pathophysiological significance of proteasome phosphoregulation by protein kinase A. Journal of Molecular and Cellular Cardiology, 2020, 140, 6.	1.9	0
42	Abstract P138: PTEN Mediates Post-Myocardial Infarction Remodeling. Circulation Research, 2011, 109, .	4.5	0
43	Abstract 15: Remote Ischemic Preconditioning Confers Late Protection Against Myocardial Ischemia-Reperfusion Injury in Mice by Upregulating Interleukin-10. Circulation Research, 2012, 111, .	4.5	0
44	Abstract 18845: Left Ventricular Assist Device Normalizes Multiple Pathogenic Pathways in Both the Left and Right Ventricle in Patients With Dilated Cardiomyopathy. Circulation, 2014, 130, .	1.6	0
45	The Role of Neurohumoral Activation in Cardiac Fibrosis and Heart Failure. , 2015, , 347-381.		0
46	Proteasome Phosphorylation and Activation by PKA Protects against Cardiac Remodeling in Mice Subjected to Myocardial Infarction. FASEB Journal, 2019, 33, lb477.	0.5	0
47	Abstract 847: Adipocyte-specific Pharmacological Inhibition of Adipose Triglyceride Lipase (ATGL) Ameliorates Cardiac Fibrosis in Heart Failure. Circulation Research, 2019, 125, .	4.5	0
48	RPN6â€Ser14 Phosphorylation Is Responsible for Proteasome Activation by PKA and Protects against Pathological Cardiac Hypertrophy and Malfunction in Mice. FASEB Journal, 2020, 34, 1-1.	0.5	0
49	Editorial: Oxidative Stress in Cardiovascular Diseases and Pulmonary Hypertension. Frontiers in Cardiovascular Medicine, 2022, 9, 868988.	2.4	0
50	Ser14â€Rpn6/PSMD11 Phosphorylation Mediates the Activation of 26S Proteasomes by cAMP and Protects against Cardiac Proteotoxic Stress in Mice. FASEB Journal, 2022, 36, .	0.5	0