Sukhpal Prehar

List of Publications by Year
in descending order

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27	1,216	471509 17	552781 26
papers	citations	h-index	g-index

27	27	27	1880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Differential remodelling of mitochondrial subpopulations and mitochondrial dysfunction are a feature of early stage diabetes. Scientific Reports, 2022, 12, 978.	3.3	12
2	PMCA4 inhibition does not affect cardiac remodelling following myocardial infarction, but may reduce susceptibility to arrhythmia. Scientific Reports, 2021, 11, 1518.	3.3	0
3	Signaling via the Interleukin-10 Receptor Attenuates Cardiac Hypertrophy in Mice During Pressure Overload, but not Isoproterenol Infusion. Frontiers in Pharmacology, 2020, 11, 559220.	3.5	15
4	Pharmacological inhibition of Hippo pathway, with the novel kinase inhibitor <scp>XMUâ€MPâ€1,</scp> protects the heart against adverse effects during pressure overload. British Journal of Pharmacology, 2019, 176, 3956-3971.	5.4	67
5	Cardiac hypertrophy or failure? - A systematic evaluation of the transverse aortic constriction model in C57BL/6NTac and C57BL/6J substrains. Current Research in Physiology, 2019, 1, 1-10.	1.7	22
6	Acute inhibition of <scp>PMCA</scp>4, but not global ablation, reduces blood pressure and arterial contractility via a <scp>nNOS</scp>â€dependent mechanism. Journal of Cellular and Molecular Medicine, 2018, 22, 861-872.	3.6	7
7	Stress-Activated Kinase Mitogen-Activated Kinase Kinase-7 Governs Epigenetics of Cardiac Repolarization for Arrhythmia Prevention. Circulation, 2017, 135, 683-699.	1.6	17
8	Calcium Extrusion Pump PMCA4: A New Player in Renal Calcium Handling?. PLoS ONE, 2016, 11, e0153483.	2.5	12
9	The oxoglutarate receptor 1 (OXGR1) modulates pressure overload-induced cardiac hypertrophy in mice. Biochemical and Biophysical Research Communications, 2016, 479, 708-714.	2.1	20
10	The plasma membrane calcium ATPase 4 signalling in cardiac fibroblasts mediates cardiomyocyte hypertrophy. Nature Communications, 2016, 7, 11074.	12.8	52
11	Smad3 Couples Pak1 With the Antihypertrophic Pathway Through the E3 Ubiquitin Ligase, Fbxo32. Hypertension, 2015, 66, 1176-1183.	2.7	20
12	The tumour suppressor Ras-association domain family protein 1A (RASSF1A) regulates TNF-Î± signalling in cardiomyocytes. Cardiovascular Research, 2014, 103, 47-59.	3.8	10
13	The Mammalian Ste20-like Kinase 2 (Mst2) Modulates Stress-induced Cardiac Hypertrophy. Journal of Biological Chemistry, 2014, 289, 24275-24288.	3.4	26
14	Exercise training reduces resting heart rate via downregulation of the funny channel HCN4. Nature Communications, 2014, 5, 3775.	12.8	194
15	Targeted deletion of ERK2 in cardiomyocytes attenuates hypertrophic response but provokes pathological stress induced cardiac dysfunction. Journal of Molecular and Cellular Cardiology, 2014, 72, 104-116.	1.9	34
16	A Novel Immunomodulator, FTY-720 Reverses Existing Cardiac Hypertrophy and Fibrosis From Pressure Overload by Targeting NFAT (Nuclear Factor of Activated T-cells) Signaling and Periostin. Circulation: Heart Failure, 2013, 6, 833-844.	3.9	57
17	Deprivation of MKK7 in cardiomyocytes provokes heart failure in mice when exposed to pressure overload. Journal of Molecular and Cellular Cardiology, 2011, 50, 702-711.	1.9	31
18	Pak1 as a Novel Therapeutic Target for Antihypertrophic Treatment in the Heart. Circulation, 2011, 124, 2702-2715.	1.6	106

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19	Mitogen-activated Protein Kinase Kinase 4 Deficiency in Cardiomyocytes Causes Connexin 43 Reduction and Couples Hypertrophic Signals to Ventricular Arrhythmogenesis. Journal of Biological Chemistry, 2011, 286, 17821-17830.	3.4	11
20	Plasma Membrane Calcium Pump (PMCA4)-Neuronal Nitric-oxide Synthase Complex Regulates Cardiac Contractility through Modulation of a Compartmentalized Cyclic Nucleotide Microdomain. Journal of Biological Chemistry, 2011, 286, 41520-41529.	3.4	69
21	Targeted Deletion of the Extracellular Signal-Regulated Protein Kinase 5 Attenuates Hypertrophic Response and Promotes Pressure Overloadâ€“Induced Apoptosis in the Heart. Circulation Research, 2010, 106, 961-970.	4.5	75
22	Cardiac-Specific Deletion of Mkk4 Reveals Its Role in Pathological Hypertrophic Remodeling but Not in Physiological Cardiac Growth. Circulation Research, 2009, 104, 905-914.	4.5	67
23	Specific Role of Neuronal Nitric-oxide Synthase when Tethered to the Plasma Membrane Calcium Pump in Regulating the Î²-Adrenergic Signal in the Myocardium. Journal of Biological Chemistry, 2009, 284, 12091-12098.	3.4	34
24	Tumor Suppressor Ras-Association Domain Family 1 Isoform A Is a Novel Regulator of Cardiac Hypertrophy. Circulation, 2009, 120, 607-616.	1.6	60
25	The cardiovascular phenotype of a mouse model of acromegaly. Growth Hormone and IGF Research, 2009, 19, 413-419.	1.1	18
26	Neuronal Nitric Oxide Synthase Signaling in the Heart Is Regulated by the Sarcolemmal Calcium Pump 4b. Circulation, 2007, 115, 483-492.	1.6	99
27	Interleukin-6 Is an Afferent Signal to the Hypothalamo-Pituitary-Adrenal Axis during Local Inflammation in Mice. Endocrinology, 2003, 144, 1894-1906.	2.8	81