Harpreet Singh

List of Publications by Year
in descending order

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53 papers	2,125 citations	257450 24 h-index	243625 44 g-index
56 all docs	56 docs citations	56 times ranked	3078 citing authors

#	Article	IF	Citations
1	The effect of combined magnesium and vitamin D supplementation on vitamin D status, systemic inflammation, and blood pressure: A randomized double-blinded controlled trial. Nutrition, 2022, 99-100, 111674.	2.4	12
2	Inhibition of BKCa channels protects neonatal hearts against myocardial ischemia and reperfusion injury. Cell Death Discovery, 2022, 8, 175.	4.7	3
3	Use of Speckle Tracking Echocardiography to Detect Induced Regional Strain Changes in the Murine Myocardium by Acoustic Radiation Force. Journal of Cardiovascular Imaging, 2021, 29, 147.	0.7	5
4	Single channel properties of mitochondrial large conductance potassium channel formed by BK-VEDEC splice variant. Scientific Reports, 2021, 11, 10925.	3.3	16
5	Metabolic shifts modulate lung injury caused by infection with H1N1 influenza A virus. Virology, 2021, 559, 111-119.	2.4	10
6	Tumor-Induced Cardiac Dysfunction: A Potential Role of ROS. Antioxidants, 2021, 10, 1299.	5.1	4
7	Mitochondrial ion channels in cardiac function. American Journal of Physiology - Cell Physiology, 2021, 321, C812-C825.	4.6	12
8	PRMT5 Promotes Symmetric Dimethylation of RNA Processing Proteins and Modulates Activated T Cell Alternative Splicing and Ca2+/NFAT Signaling. ImmunoHorizons, 2021, 5, 884-897.	1.8	5
9	Cardiac ischemia/reperfusion stress reduces inner mitochondrial membrane protein (mitofilin) levels during early reperfusion. Free Radical Biology and Medicine, 2020, 158, 181-194.	2.9	21
10	Novel biomarkers of bronchopulmonary dysplasia and bronchopulmonary dysplasia-associated pulmonary hypertension. Journal of Perinatology, 2020, 40, 1634-1643.	2.0	27
11	BKCa Channels as Targets for Cardioprotection. Antioxidants, 2020, 9, 760.	5.1	32
12	Insights Into the Role of Mitochondrial Ion Channels in Inflammatory Response. Frontiers in Physiology, 2020, 11, 258.	2.8	17
13	Human Cardiac Progenitor Cells Enhance Exosome Release and Promote Angiogenesis Under Physoxia. Frontiers in Cell and Developmental Biology, 2020, 8, 130.	3.7	21
14	Intracellular Chloride Channels: Novel Biomarkers in Diseases. Frontiers in Physiology, 2020, 11, 96.	2.8	72
15	A kinome-wide screen identifies a CDKL5-SOX9 regulatory axis in epithelial cell death and kidney injury. Nature Communications, 2020, 11, 1924.	12.8	34
16	Measurement of Oxidative Stress Markers In Vitro Using Commercially Available Kits. Biological Magnetic Resonance, 2020, , 39-60.	0.4	9
17	Chloride channel blocker IAA-94 increases myocardial infarction by reducing calcium retention capacity of the cardiac mitochondria. Life Sciences, 2019, 235, 116841.	4.3	12
18	BKCa (Slo) Channel Regulates Mitochondrial Function and Lifespan in Drosophila melanogaster. Cells, 2019, 8, 945.	4.1	19

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19	Genetic Strain and Sex Differences in a Hyperoxia-Induced Mouse Model of Varying Severity of Bronchopulmonary Dysplasia. American Journal of Pathology, 2019, 189, 999-1014.	3.8	49
20	MicroRNA-34a Promotes Endothelial Dysfunction and Mitochondrial-mediated Apoptosis in Murine Models of Acute Lung Injury. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 465-477.	2.9	29
21	Three Decades of Chloride Intracellular Channel Proteins: From Organelle to Organ Physiology. Current Protocols in Pharmacology, 2018, 80, 11.21.1-11.21.17.	4.0	38
22	Inhibition of BK_{Ca}negatively alters cardiovascular function. Physiological Reports, 2018, 6, e13748.	1.7	17
23	High Fat Diet Upregulates Fatty Acid Oxidation and Ketogenesis via Intervention of PPAR-Î³. Cellular Physiology and Biochemistry, 2018, 48, 1317-1331.	1.6	95
24	Early gestational mesenchymal stem cell secretome attenuates experimental bronchopulmonary dysplasia in part via exosome-associated factor TSG-6. Stem Cell Research and Therapy, 2018, 9, 173.	5.5	133
25	Drosophila Voltage-Gated Calcium Channel Î±1-Subunits Regulate Cardiac Function in the Aging Heart. Scientific Reports, 2018, 8, 6910.	3.3	13
26	Antifungal and antibacterial activity of densely dispersed silver nanospheres with homogeneity size which synthesized using chicory: An in vitro study. Journal De Mycologie Medicale, 2018, 28, 637-644.	1.5	21
27	Expression and Activation of BKCa Channels in Mice Protects Against Ischemia-Reperfusion Injury of Isolated Hearts by Modulating Mitochondrial Function. Frontiers in Cardiovascular Medicine, 2018, 5, 194.	2.4	35
28	An Alternative Splice Variant of Chloride Intracellular Channel 5 Protein, (CLIC5B) Regulates Cardiac Mitochondrial Localization and Function of CLIC5. Biophysical Journal, 2017, 112, 325a.	0.5	1
29	Identification and Characterization of a Bacterial Homolog of Chloride Intracellular Channel (CLIC) Protein. Scientific Reports, 2017, 7, 8500.	3.3	18
30	Comprehensive Echocardiographic Assessment of the Right Ventricle in Murine Models. Journal of Cardiovascular Imaging, 2016, 24, 229.	0.8	32
31	Optimization of Non-Thermal Plasma Treatment in an In Vivo Model Organism. PLoS ONE, 2016, 11, e0160676.	2.5	7
32	Data supporting characterization of CLIC1, CLIC4, CLIC5 and DmCLIC antibodies and localization of CLICs in endoplasmic reticulum of cardiomyocytes. Data in Brief, 2016, 7, 1038-1044.	1.0	20
33	Skeletal muscle action of estrogen receptor Î± is critical for the maintenance of mitochondrial function and metabolic homeostasis in females. Science Translational Medicine, 2016, 8, 334ra54.	12.4	174
34	Anion Channels of Mitochondria. Handbook of Experimental Pharmacology, 2016, 240, 71-101.	1.8	64
35	MaxiK channel interactome reveals its interaction with GABA transporter 3 and heat shock protein 60 in the mammalian brain. Neuroscience, 2016, 317, 76-107.	2.3	42
36	Molecular identity of cardiac mitochondrial chloride intracellular channel proteins. Mitochondrion, 2016, 27, 6-14.	3.4	64

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37	Regulation of Renal Hemodynamics and Function by RGS2. PLoS ONE, 2015, 10, e0132594.	2.5	14
38	Ablation of BK Channels Impairs Mitochondria and affects Aging. Biophysical Journal, 2015, 108, 280a.	0.5	0
39	G Protein-Coupled Estrogen Receptor 1 Mediates Acute Estrogen-Induced Cardioprotection via MEK/ERK/GSK-3Î² Pathway after Ischemia/Reperfusion. PLoS ONE, 2015, 10, e0135988.	2.5	60
40	MaxiK channel and cell signalling. Pflugers Archiv European Journal of Physiology, 2014, 466, 875-886.	2.8	77
41	Response to Pomozi et alâ€™s Research Commentary. Circulation Research, 2013, 112, e152-3.	4.5	3
42	mitoBK _{Ca} is encoded by the Kcnma1 gene, and a splicing sequence defines its mitochondrial location. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10836-10841.	7.1	180
43	ABCC6 Localizes to the Mitochondria-Associated Membrane. Circulation Research, 2012, 111, 516-520.	4.5	41
44	Visualization and quantification of cardiac mitochondrial protein clusters with STED microscopy. Mitochondrion, 2012, 12, 230-236.	3.4	58
45	Intracellular BK_{Ca} (iBK_{Ca}) channels. Journal of Physiology, 2012, 590, 5937-5947.	2.9	117
46	Two decades with dimorphic Chloride Intracellular Channels (CLICs). FEBS Letters, 2010, 584, 2112-2121.	2.8	73
47	Proteomics to Identify Proteins Interacting with P2X2 Ligand-Gated Cation Channels. Journal of Visualized Experiments, 2009, , .	0.3	10
48	CLIC4 (p64H1) and its putative transmembrane domain form poorly selective, redox-regulated ion channels. Molecular Membrane Biology, 2007, 24, 41-52.	2.0	71
49	Functional reconstitution of mammalian â€˜chloride intracellular channelsâ€™ CLIC1, CLIC4 and CLIC5 reveals differential regulation by cytoskeletal actin. FEBS Journal, 2007, 274, 6306-6316.	4.7	92
50	Redox Regulation of CLIC1 by Cysteine Residues Associated with the Putative Channel Pore. Biophysical Journal, 2006, 90, 1628-1638.	0.5	89
51	Expiratory muscle activation by functional magnetic stimulation of thoracic and lumbar spinal nerves. Critical Care Medicine, 1999, 27, 2201-2205.	0.9	20
52	Acute Dystonia during Fixed-Dose Neuroleptic Treatment. Journal of Clinical Psychopharmacology, 1990, 10, 389-496.	1.4	23
53	Neuroleptic withdrawal in patients meeting criteria for supersensitivity psychosis. Journal of Clinical Psychiatry, 1990, 51, 319-21.	2.2	14