

Devasena Ponnalagu

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

583
citations

687363

13
h-index

713466

21
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27
all docs

27
docs citations

27
times ranked

863
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel mitochondrial associated membrane chloride channel, clic4, in cardio-protection from ischemia-reperfusion injury. Biophysical Journal, 2022, 121, 511a.	0.5	0
2	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
3	Tumor-Induced Cardiac Dysfunction: A Potential Role of ROS. Antioxidants, 2021, 10, 1299.	5.1	4
4	Novel biomarkers of bronchopulmonary dysplasia and bronchopulmonary dysplasia-associated pulmonary hypertension. Journal of Perinatology, 2020, 40, 1634-1643.	2.0	27
5	Insights Into the Role of Mitochondrial Ion Channels in Inflammatory Response. Frontiers in Physiology, 2020, 11, 258.	2.8	17
6	Measurement of Oxidative Stress Markers In Vitro Using Commercially Available Kits. Biological Magnetic Resonance, 2020, , 39-60.	0.4	9
7	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
8	BKCa (Slo) Channel Regulates Mitochondrial Function and Lifespan in Drosophila melanogaster. Cells, 2019, 8, 945.	4.1	19
9	New Water-Soluble Oxyamino Chitosans as Biocompatible Vectors for Efficacious Anticancer Therapy via Co-Delivery of Gene and Drug. ACS Applied Materials & Interfaces, 2019, 11, 37442-37460.	8.0	34
10	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
11	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
12	Inhibition of BK _{Ca} negatively alters cardiovascular function. Physiological Reports, 2018, 6, e13748.	1.7	17
13	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
14	CLIC4 and CLIC5, Mitochondrial Chloride Channel Proteins Mediate Cardioprotection Against Ischemia Reperfusion Injury. Biophysical Journal, 2018, 114, 657a.	0.5	2
15	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
16	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
17	Identification and Characterization of a Bacterial Homolog of Chloride Intracellular Channel (CLIC) Protein. Scientific Reports, 2017, 7, 8500.	3.3	18
18	Identification of Cardiac Mitochondrial Chloride Intracellular Channel (CLIC) Proteins and their Physiological Function. Biophysical Journal, 2016, 110, 453a.	0.5	0

#	ARTICLE	IF	CITATIONS
19	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
20	A Bacterial Homolog of Chloride Intracellular Channel (CLIC) Protein Family, Stringent Starvation Protein A (SspA), forms a Non-Selective Ion Channel. Biophysical Journal, 2016, 110, 117a.	0.5	0
21	Anion Channels of Mitochondria. Handbook of Experimental Pharmacology, 2016, 240, 71-101.	1.8	64
22	Molecular identity of cardiac mitochondrial chloride intracellular channel proteins. Mitochondrion, 2016, 27, 6-14.	3.4	64
23	Molecular Identity and Functional Characterization of Chloride Intracellular Channel (CLIC) Proteins in Cardiac Mitochondria. Biophysical Journal, 2015, 108, 368a.	0.5	0
24	Mapping the apoptosis inducing domain of an immunomodulatory protein: glycodeilin A. Molecular and Cellular Biochemistry, 2013, 377, 131-141.	3.1	2
25	Mechanistic Insights into the Neutralization of Cytotoxic Abrin by the Monoclonal Antibody D6F10. PLoS ONE, 2013, 8, e70273.	2.5	13