

# 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  
g-index

27  
all docs

27  
docs citations

27  
times ranked

863  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early gestational mesenchymal stem cell secretome attenuates experimental bronchopulmonary dysplasia in part via exosome-associated factor TSG-6. <i>Stem Cell Research and Therapy</i> , 2018, 9, 173.	5.5	133
2	Anion Channels of Mitochondria. <i>Handbook of Experimental Pharmacology</i> , 2016, 240, 71-101.	1.8	64
3	Molecular identity of cardiac mitochondrial chloride intracellular channel proteins. <i>Mitochondrion</i> , 2016, 27, 6-14.	3.4	64
4	Genetic Strain and Sex Differences in a Hyperoxia-Induced Mouse Model of Varying Severity of Bronchopulmonary Dysplasia. <i>American Journal of Pathology</i> , 2019, 189, 999-1014.	3.8	49
5	Three Decades of Chloride Intracellular Channel Proteins: From Organelle to Organ Physiology. <i>Current Protocols in Pharmacology</i> , 2018, 80, 11.21.1-11.21.17.	4.0	38
6	Expression and Activation of BKCa Channels in Mice Protects Against Ischemia-Reperfusion Injury of Isolated Hearts by Modulating Mitochondrial Function. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 194.	2.4	35
7	New Water-Soluble Oxyamino Chitosans as Biocompatible Vectors for Efficacious Anticancer Therapy via Co-Delivery of Gene and Drug. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 37442-37460.	8.0	34
8	Novel biomarkers of bronchopulmonary dysplasia and bronchopulmonary dysplasia-associated pulmonary hypertension. <i>Journal of Perinatology</i> , 2020, 40, 1634-1643.	2.0	27
9	Data supporting characterization of CLIC1, CLIC4, CLIC5 and DmCLIC antibodies and localization of CLICs in endoplasmic reticulum of cardiomyocytes. <i>Data in Brief</i> , 2016, 7, 1038-1044.	1.0	20
10	BKCa (Slo) Channel Regulates Mitochondrial Function and Lifespan in <i>Drosophila melanogaster</i> . <i>Cells</i> , 2019, 8, 945.	4.1	19
11	Identification and Characterization of a Bacterial Homolog of Chloride Intracellular Channel (CLIC) Protein. <i>Scientific Reports</i> , 2017, 7, 8500.	3.3	18
12	Inhibition of BK <sub>Ca</sub> negatively alters cardiovascular function. <i>Physiological Reports</i> , 2018, 6, e13748.	1.7	17
13	Insights Into the Role of Mitochondrial Ion Channels in Inflammatory Response. <i>Frontiers in Physiology</i> , 2020, 11, 258.	2.8	17
14	Mechanistic Insights into the Neutralization of Cytotoxic Abrin by the Monoclonal Antibody D6F10. <i>PLoS ONE</i> , 2013, 8, e70273.	2.5	13
15	Chloride channel blocker IAA-94 increases myocardial infarction by reducing calcium retention capacity of the cardiac mitochondria. <i>Life Sciences</i> , 2019, 235, 116841.	4.3	12
16	Measurement of Oxidative Stress Markers In Vitro Using Commercially Available Kits. <i>Biological Magnetic Resonance</i> , 2020, , 39-60.	0.4	9
17	Use of Speckle Tracking Echocardiography to Detect Induced Regional Strain Changes in the Murine Myocardium by Acoustic Radiation Force. <i>Journal of Cardiovascular Imaging</i> , 2021, 29, 147.	0.7	5
18	Tumor-Induced Cardiac Dysfunction: A Potential Role of ROS. <i>Antioxidants</i> , 2021, 10, 1299.	5.1	4

#	ARTICLE	IF	CITATIONS
19	Mapping the apoptosis inducing domain of an immunomodulatory protein: glycodelin A. <i>Molecular and Cellular Biochemistry</i> , 2013, 377, 131-141.	3.1	2
20	CLIC4 and CLIC5, Mitochondrial Chloride Channel Proteins Mediate Cardioprotection Against Ischemia Reperfusion Injury. <i>Biophysical Journal</i> , 2018, 114, 657a.	0.5	2
21	An Alternative Splice Variant of Chloride Intracellular Channel 5 Protein, (CLIC5B) Regulates Cardiac Mitochondrial Localization and Function of CLIC5. <i>Biophysical Journal</i> , 2017, 112, 325a.	0.5	1
22	Molecular Identity and Functional Characterization of Chloride Intracellular Channel (CLIC) Proteins in Cardiac Mitochondria. <i>Biophysical Journal</i> , 2015, 108, 368a.	0.5	0
23	Identification of Cardiac Mitochondrial Chloride Intracellular Channel (CLIC) Proteins and their Physiological Function. <i>Biophysical Journal</i> , 2016, 110, 453a.	0.5	0
24	A Bacterial Homolog of Chloride Intracellular Channel (CLIC) Protein Family, Stringent Starvation Protein A (SspA), forms a Non-Selective Ion Channel. <i>Biophysical Journal</i> , 2016, 110, 117a.	0.5	0
25	A novel mitochondrial associated membrane chloride channel, clic4, in cardio-protection from ischemia-reperfusion injury. <i>Biophysical Journal</i> , 2022, 121, 511a.	0.5	0