

Tara Sudhadevi

List of Publications by Year in descending order

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17
papers

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#	ARTICLE	IF	CITATIONS
1	Sphingosine Kinase 1/S1P Signaling Contributes to Pulmonary Fibrosis by Activating Hippo/YAP Pathway and Mitochondrial Reactive Oxygen Species in Lung Fibroblasts. International Journal of Molecular Sciences, 2020, 21, 2064.	4.1	60
2	Neonatal therapy with PF543, a sphingosine kinase 1 inhibitor, ameliorates hyperoxia-induced airway remodeling in a murine model of bronchopulmonary dysplasia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L497-L512.	2.9	19
3	S1P and plasmalogen derived fatty aldehydes in cellular signaling and functions. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158681.	2.4	19
4	Lysocardiolipin acyltransferase regulates NSCLC cell proliferation and migration by modulating mitochondrial dynamics. Journal of Biological Chemistry, 2020, 295, 13393-13406.	3.4	12
5	The Role of Sphingolipid Signaling in Oxidative Lung Injury and Pathogenesis of Bronchopulmonary Dysplasia. International Journal of Molecular Sciences, 2022, 23, 1254.	4.1	12
6	Bioengineered fibrin-based niche to direct outgrowth of circulating progenitors into neuron-like cells for potential use in cellular therapy. Journal of Neural Engineering, 2015, 12, 036011.	3.5	11
7	NOX4 Mediates Pseudomonas aeruginosa-Induced Nuclear Reactive Oxygen Species Generation and Chromatin Remodeling in Lung Epithelium. Antioxidants, 2021, 10, 477.	5.1	11
8	Optimizing fibrin hydrogel toward effective neural progenitor cell delivery in spinal cord injury. Biomedical Materials (Bristol), 2021, 17, .	3.3	10
9	Sphingosine kinase 1 regulates lysyl oxidase through STAT3 in hyperoxia-mediated neonatal lung injury. Thorax, 2022, 77, 47-57.	5.6	8
10	Advancements in understanding the role of lysophospholipids and their receptors in lung disorders including bronchopulmonary dysplasia. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158685.	2.4	7
11	Hyperoxia-induced S1P1 signaling reduced angiogenesis by suppression of TIE-2 leading to experimental bronchopulmonary dysplasia. Cell Biochemistry and Biophysics, 2021, 79, 561-573.	1.8	7
12	Differentiation of circulating neural progenitor cells in vitro on fibrin-based composite -matrix involves Wnt- β -catenin-like signaling. Journal of Cell Communication and Signaling, 2019, 13, 27-38.	3.4	6
13	<i>In vivo</i> neural tissue engineering using adipose-derived mesenchymal stem cells and fibrin matrix. Journal of Spinal Cord Medicine, 2023, 46, 262-276.	1.4	6
14	NOX4 Mediates Epithelial Cell Death in Hyperoxic Acute Lung Injury Through Mitochondrial Reactive Oxygen Species. Frontiers in Pharmacology, 2022, 13, .	3.5	3
15	A Minimally Invasive Method for Intratracheal Instillation of Drugs in Neonatal Rodents to Treat Lung Disease. Journal of Visualized Experiments, 2021, , .	0.3	0
16	Modulation of Airway Remodeling by PF543, a Sphingosine Kinase 1 Inhibitor, in a Mouse Model of Bronchopulmonary Dysplasia. FASEB Journal, 2020, 34, 1-1.	0.5	0
17	Sphingosine Kinase 1 Inhibitor, PF543, Blocks Inflammation and Airway Remodeling in a Murine Model of Allergic Asthma.. FASEB Journal, 2020, 34, 1-1.	0.5	0