Danchen Wu

List of Publications by Year
in descending order

19 papers	1,268 citations	567281 15 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	1634 citing authors

#	Article	IF	Citations
1	Hypoxic Pulmonary Vasoconstriction. Chest, 2017, 151, 181-192.	0.8	292
2	MicroRNA-138 and MicroRNA-25 Down-regulate Mitochondrial Calcium Uniporter, Causing the Pulmonary Arterial Hypertension Cancer Phenotype. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 515-529.	5.6	134
3	Epigenetic Dysregulation of the Dynamin-Related Protein 1 Binding Partners MiD49 and MiD51 Increases Mitotic Mitochondrial Fission and Promotes Pulmonary Arterial Hypertension. Circulation, 2018, 138, 287-304.	1.6	115
4	Ischemia-induced Drp1 and Fis1-mediated mitochondrial fission and right ventricular dysfunction in pulmonary hypertension. Journal of Molecular Medicine, 2017, 95, 381-393.	3.9	90
5	Epigenetic Metabolic Reprogramming of Right Ventricular Fibroblasts in Pulmonary Arterial Hypertension. Circulation Research, 2020, 126, 1723-1745.	4.5	83
6	Identification of novel dynaminâ€related protein 1 (Drp1) GTPase inhibitors: Therapeutic potential of Drpitor1 and Drpitor1a in cancer and cardiac ischemiaâ€reperfusion injury. FASEB Journal, 2020, 34, 1447-1464.	0.5	68
7	Mitochondrial fission links ECM mechanotransduction to metabolic redox homeostasis and metastatic chemotherapy resistance. Nature Cell Biology, 2022, 24, 168-180.	10.3	68
8	Ndufs2, a Core Subunit of Mitochondrial Complex I, Is Essential for Acute Oxygen-Sensing and Hypoxic Pulmonary Vasoconstriction. Circulation Research, 2019, 124, 1727-1746.	4.5	67
9	Increased Drp1-Mediated Mitochondrial Fission Promotes Proliferation and Collagen Production by Right Ventricular Fibroblasts in Experimental Pulmonary Arterial Hypertension. Frontiers in Physiology, 2018, 9, 828.	2.8	59
10	Colchicine Depolymerizes Microtubules, Increases Junctophilinâ€2, and Improves Right Ventricular Function in Experimental Pulmonary Arterial Hypertension. Journal of the American Heart Association, 2017, 6, .	3.7	49
11	Identifying microRNAs targeting Wnt/Î²-catenin pathway in end-stage idiopathic pulmonary arterial hypertension. Journal of Molecular Medicine, 2016, 94, 875-885.	3.9	43
12	Mitochondria in the Pulmonary Vasculature in Health and Disease: Oxygenâ€Sensing, Metabolism, and Dynamics. , 2020, 10, 713-765.		39
13	Macrophageâ€“NLRP3 Activation Promotes Right Ventricle Failure in Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 608-624.	5.6	37
14	Oxygen sensing, mitochondrial biology and experimental therapeutics for pulmonary hypertension and cancer. Free Radical Biology and Medicine, 2021, 170, 150-178.	2.9	32
15	Clinical value of non-coding RNAs in cardiovascular, pulmonary, and muscle diseases. American Journal of Physiology - Cell Physiology, 2020, 318, C1-C28.	4.6	26
16	PINK1â€induced phosphorylation of mitofusin 2 at serine 442 causes its proteasomal degradation and promotes cell proliferation in lung cancer and pulmonary arterial hypertension. FASEB Journal, 2021, 35, e21771.	0.5	25
17	Excess Protein O-GlcNAcylation Links Metabolic Derangements to Right Ventricular Dysfunction in Pulmonary Arterial Hypertension. International Journal of Molecular Sciences, 2020, 21, 7278.	4.1	17
18	An epigenetic increase in mitochondrial fission by MiD49 and MiD51 regulates the cell cycle in cancer: Diagnostic and therapeutic implications. FASEB Journal, 2020, 34, 5106-5127.	0.5	16

#	Article	IF	Citations
19	Pulmonary hypertension begets pulmonary hypertension: mutually reinforcing roles for haemodynamics, inflammation, and cancer-like phenotypes. Cardiovascular Research, 2016, 111, 1-4.	3.8	8