

Danchen Wu

List of Publications by Year in descending order

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Version: 2024-02-01

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

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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