Weiling Xu

List of Publications by Year
in descending order

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		361413	677142
23	2,420	20	22
papers	citations	h-index	g-index

23	23	23	2896
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alterations of cellular bioenergetics in pulmonary artery endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1342-1347.	7.1	342
2	Increased arginase II and decreased NO synthesis in endothelial cells of patients with pulmonary arterial hypertension. FASEB Journal, 2004, 18, 1746-1748.	0.5	334
3	Hyperproliferative apoptosis-resistant endothelial cells in idiopathic pulmonary arterial hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L548-L554.	2.9	315
4	Hypoxia Inducible-Factor1Î± Regulates the Metabolic Shift of Pulmonary Hypertensive Endothelial Cells. American Journal of Pathology, 2010, 176, 1130-1138.	3.8	225
5	Circulating Angiogenic Precursors in Idiopathic Pulmonary Arterial Hypertension. American Journal of Pathology, 2008, 172, 615-627.	3.8	158
6	Somatic Chromosome Abnormalities in the Lungs of Patients with Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 1153-1160.	5.6	141
7	Alterations of the Arginine Metabolome in Asthma. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 673-681.	5.6	116
8	Increased mitochondrial arginine metabolism supports bioenergetics in asthma. Journal of Clinical Investigation, 2016, 126, 2465-2481.	8.2	100
9	Human Primary Lung Endothelial Cells in Culture. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 723-730.	2.9	84
10	Endothelial Cell Energy Metabolism, Proliferation, and Apoptosis in Pulmonary Hypertension. , 2011, 1, 357-372.		77
11	Role of epithelial nitric oxide in airway viral infection. Free Radical Biology and Medicine, 2006, 41, 19-28.	2.9	72
12	Metabolism in Pulmonary Hypertension. Annual Review of Physiology, 2021, 83, 551-576.	13.1	68
13	Impaired nitric oxide synthase-2 signaling pathway in cystic fibrosis airway epithelium. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L374-L381.	2.9	59
14	STAT-1 and c-Fos interaction in nitric oxide synthase-2 gene activation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 285, L137-L148.	2.9	49
15	Platelets from Asthmatic Individuals Show Less Reliance on Glycolysis. PLoS ONE, 2015, 10, e0132007.	2.5	45
16	Integrative proteomics and phosphoproteomics in pulmonary arterial hypertension. Scientific Reports, 2019, 9, 18623.	3.3	42
17	Arginine metabolic endotypes related to asthma severity. PLoS ONE, 2017, 12, e0183066.	2.5	41
18	Phosphorylation inactivation of endothelial nitric oxide synthesis in pulmonary arterial hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L1199-L1205.	2.9	37

#	Article	IF	Citations
19	Cystic Fibrosis and Normal Human Airway Epithelial Cell Response to Influenza A Viral Infection.. Journal of Interferon and Cytokine Research, 2006, 26, 609-627.	1.2	35
20	Hypoxia sensing through Î²-adrenergic receptors. JCI Insight, 2016, 1, e90240.	5.0	30
21	Arginine metabolic control of airway inflammation. JCI Insight, 2020, 5, .	5.0	28
22	Single-cell transcriptomic profile of human pulmonary artery endothelial cells in health and pulmonary arterial hypertension. Scientific Reports, 2021, 11, 14714.	3.3	15
23	Pivotal role of c-Fos in nitric oxide synthase 2 expression in airway epithelial cells. Nitric Oxide - Biology and Chemistry, 2009, 20, 143-149.	2.7	7