VÃ©ronique Freund-Michel

List of Publications by Year
in descending order

21 papers	658 citations	759233 12 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	1209 citing authors

#	Article	IF	Citations
1	TRPA1 Agonists Evoke Coughing in Guinea Pig and Human Volunteers. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 1042-1047.	5.6	257
2	Reactive oxygen species as therapeutic targets in pulmonary hypertension. Therapeutic Advances in Respiratory Disease, 2013, 7, 175-200.	2.6	48
3	Mitochondria: Roles in pulmonary hypertension. International Journal of Biochemistry and Cell Biology, 2014, 55, 93-97.	2.8	47
4	Hypoxia-induced hyperreactivity of pulmonary arteries: role of cyclooxygenase-2, isoprostanes, and thromboxane receptors. Cardiovascular Research, 2010, 85, 582-592.	3.8	36
5	TrkA signalling pathways in human airway smooth muscle cell proliferation. Cellular Signalling, 2006, 18, 621-627.	3.6	35
6	CT evaluation of small pulmonary vessels area in patients with COPD with severe pulmonary hypertension. Thorax, 2016, 71, 830-837.	5.6	35
7	Role of Nerve Growth Factor in Development and Persistence of Experimental Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 342-355.	5.6	30
8	Expression and role of connexin-based gap junctions in pulmonary inflammatory diseases. , 2016, 164, 105-119.		25
9	Calcium signalling induced by in vitro exposure to silicium dioxide nanoparticles in rat pulmonary artery smooth muscle cells. Toxicology, 2017, 375, 37-47.	4.2	21
10	Altered vasoreactivity in neonatal rats with pulmonary hypertension associated with bronchopulmonary dysplasia: Implication of both eNOS phosphorylation and calcium signaling. PLoS ONE, 2017, 12, e0173044.	2.5	20
11	Biopterin Metabolism and eNOS Expression during Hypoxic Pulmonary Hypertension in Mice. PLoS ONE, 2013, 8, e82594.	2.5	19
12	Inflammatory conditions increase expression of protease-activated receptor-2 by human airway smooth muscle cells in culture. Fundamental and Clinical Pharmacology, 2006, 20, 351-357.	1.9	16
13	Mechanosensitivity in Pulmonary Circulation: Pathophysiological Relevance of Stretch-Activated Channels in Pulmonary Hypertension. Biomolecules, 2021, 11, 1389.	4.0	16
14	Overexpression of functional TrkA receptors after internalisation in human airway smooth muscle cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1964-1971.	4.1	12
15	Connexin-43 is a promising target for pulmonary hypertension due to hypoxaemic lung disease. European Respiratory Journal, 2020, 55, 1900169.	6.7	12
16	Characterization of the components of urban particulate matter mediating impairment of nitric oxide-dependent relaxation in intrapulmonary arteries. Journal of Applied Toxicology, 2014, 34, 667-674.	2.8	9
17	Chronic hypoxia aggravates monocrotaline-induced pulmonary arterial hypertension: a rodent relevant model to the human severe form of the disease. Respiratory Research, 2017, 18, 47.	3.6	7
18	Involvement of Heme Oxygenase-1 in particulate matter-induced impairment of NO-dependent relaxation in rat intralobar pulmonary arteries. Toxicology in Vitro, 2016, 32, 205-211.	2.4	6

#	ARTICLE	IF	CITATIONS
19	Expression and Role of the TrkA Receptor in Pulmonary Inflammatory Diseases. , 0, , .		3
20	NiONPs-induced alteration in calcium signaling and mitochondrial function in pulmonary artery endothelial cells involves oxidative stress and TRPV4 channels disruption. Nanotoxicology, 2022, 16, 29-51.	3.0	3
21	NiONP-Induced Oxidative Stress and Mitochondrial Impairment in an In Vitro Pulmonary Vascular Cell Model Mimicking Endothelial Dysfunction. Antioxidants, 2022, 11, 847.	5.1	1