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	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
2	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
3	Mechanosensitivity in Pulmonary Circulation: Pathophysiological Relevance of Stretch-Activated Channels in Pulmonary Hypertension. Biomolecules, 2021, 11, 1389.	4.0	16
4	Connexin-43 is a promising target for pulmonary hypertension due to hypoxaemic lung disease. European Respiratory Journal, 2020, 55, 1900169.	6.7	12
5	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
6	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
7	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
8	CT evaluation of small pulmonary vessels area in patients with COPD with severe pulmonary hypertension. Thorax, 2016, 71, 830-837.	5.6	35
9	Expression and role of connexin-based gap junctions in pulmonary inflammatory diseases. , 2016, 164, 105-119.		25
10	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
11	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
12	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
13	Mitochondria: Roles in pulmonary hypertension. International Journal of Biochemistry and Cell Biology, 2014, 55, 93-97.	2.8	47
14	Reactive oxygen species as therapeutic targets in pulmonary hypertension. Therapeutic Advances in Respiratory Disease, 2013, 7, 175-200.	2.6	48
15	Biopterin Metabolism and eNOS Expression during Hypoxic Pulmonary Hypertension in Mice. PLoS ONE, 2013, 8, e82594.	2.5	19
16	Hypoxia-induced hyperreactivity of pulmonary arteries: role of cyclooxygenase-2, isoprostanes, and thromboxane receptors. Cardiovascular Research, 2010, 85, 582-592.	3.8	36
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	TrkA signalling pathways in human airway smooth muscle cell proliferation. Cellular Signalling, 2006, 18, 621-627.	3.6	35
21	Expression and Role of the TrkA Receptor in Pulmonary Inflammatory Diseases. , 0, , .		3