Fabrice Antigny

List of Publications by Year in Descending Order

62 papers	2,254 citations	29 h-index	46 g-index
80 ext. papers	2,805 ext. citations	7.1 avg, IF	4.59 L-index

#	Paper	IF	Citations
62	The Experimental TASK-1 Potassium Channel Inhibitor A293 Can Be Employed for Rhythm Control of Persistent Atrial Fibrillation in a Translational Large Animal Model. *Frontiers in Physiology*, **2021**, 12, 668267	4.6	
61	Involvement of CFTR in the pathogenesis of pulmonary arterial hypertension. *European Respiratory Journal*, **2021**, 58,	13.6	5
60	Right Ventricle Remodeling Metabolic Signature in Experimental Pulmonary Hypertension Models of Chronic Hypoxia and Monocrotaline Exposure. *Cells*, **2021**, 10,	7.9	3
59	Kcnk3 dysfunction exaggerates the development of pulmonary hypertension induced by left ventricular pressure overload. *Cardiovascular Research*, **2021**, 117, 2474-2488	9.9	4
58	The p.E152K-STIM1 mutation deregulates Ca signaling contributing to chronic pancreatitis. *Journal of Cell Science*, **2021**, 134,	5.3	1
57	Comment on: Transcriptomic analysis of CFTR-impaired endothelial cells reveals a pro-inflammatory phenotype. *European Respiratory Journal*, **2021**, 58,	13.6	
56	Excitation-contraction coupling and relaxation alteration in right ventricular remodelling caused by pulmonary arterial hypertension. *Archives of Cardiovascular Diseases*, **2020**, 113, 70-84	2.7	10
55	Orai1 Channel Inhibition Preserves Left Ventricular Systolic Function and Normal Ca Handling After Pressure Overload. *Circulation*, **2020**, 141, 199-216	16.7	23
54	Proteomic Analysis of KCNK3 Loss of Expression Identified Dysregulated Pathways in Pulmonary Vascular Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	7
53	In vivo miR-138-5p inhibition alleviates monocrotaline-induced pulmonary hypertension and normalizes pulmonary KCNK3 and SLC45A3 expression. *Respiratory Research*, **2020**, 21, 186	7.3	10
52	Implication of Potassium Channels in the Pathophysiology of Pulmonary Arterial Hypertension. *Biomolecules*, **2020**, 10,	5.9	7
51	Comparison of Human and Experimental Pulmonary Veno-Occlusive Disease. *American Journal of Respiratory Cell and Molecular Biology*, **2020**, 63, 118-131	5.7	11
50	Pulmonary arterial hypertension in patient treated for multiple sclerosis with 4-aminopyridine. *Fundamental and Clinical Pharmacology*, **2019**, 33, 426-427	3.1	1
49	The BET Bromodomain Inhibitor I-BET-151 Induces Structural and Functional Alterations of the Heart Mitochondria in Healthy Male Mice and Rats. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	11
48	Characterization of -Mutated Rat, a Novel Model of Pulmonary Hypertension. *Circulation Research*, **2019**, 125, 678-695	15.7	42
47	Specific Upregulation of TRPC1 and TRPC5 Channels by Mineralocorticoid Pathway in Adult Rat Ventricular Cardiomyocytes. *Cells*, **2019**, 9,	7.9	7
46	Functional interaction between PDGF and GluN2B-containing NMDA receptors in smooth muscle cell proliferation and migration in pulmonary arterial hypertension. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2019**, 316, L445-L455	5.8	9

45	Bmpr2 Mutant Rats Develop Pulmonary and Cardiac Characteristics of Pulmonary Arterial Hypertension. *Circulation*, **2019**, 139, 932-948	16.7	50
44	Ca handling remodeling and STIM1L/Orai1/TRPC1/TRPC4 upregulation in monocrotaline-induced right ventricular hypertrophy. *Journal of Molecular and Cellular Cardiology*, **2018**, 118, 208-224	5.8	34
43	NMDA-Type Glutamate Receptor Activation Promotes Vascular Remodeling and Pulmonary Arterial Hypertension. *Circulation*, **2018**, 137, 2371-2389	16.7	46
42	Loss of KCNK3 is a hallmark of RV hypertrophy/dysfunction associated with pulmonary hypertension. *Cardiovascular Research*, **2018**, 114, 880-893	9.9	31
41	Pulmonary vascular remodeling patterns and expression of general control nonderepressible 2 (GCN2) in pulmonary veno-occlusive disease. *Journal of Heart and Lung Transplantation*, **2018**, 37, 647-655	5.8	31
40	Ion Channels in Pulmonary Hypertension: A Therapeutic Interest?. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	45
39	TRPC1 and TRPC4 channels functionally interact with STIM1L to promote myogenesis and maintain fast repetitive Ca release in human myotubes. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2017**, 1864, 806-813	4.9	26
38	Calumenin contributes to ER-Ca homeostasis in bronchial epithelial cells expressing WT and F508del mutated CFTR and to F508del-CFTR retention. *Cell Calcium*, **2017**, 62, 47-59	4	6
37	Use of -Blockers in Pulmonary Hypertension. *Circulation: Heart Failure*, **2017**, 10,	7.6	41
36	TASK-1 (KCNK3) channels in the lung: from cell biology to clinical implications. *European Respiratory Journal*, **2017**, 50,	13.6	37
35	T-type Ca channels elicit pro-proliferative and anti-apoptotic responses through impaired PP2A/Akt1 signaling in PASMCs from patients with pulmonary arterial hypertension. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2017**, 1864, 1631-1641	4.9	11
34	Pulmonary endothelial cell DNA methylation signature in pulmonary arterial hypertension. *Oncotarget*, **2017**, 8, 52995-53016	3.3	30
33	Simple CLEM method to asses rare pulmonary vascular remodeling **2016**, 1039-1040		
32	Potassium Channel Subfamily K Member 3 (KCNK3) Contributes to the Development of Pulmonary Arterial Hypertension. *Circulation*, **2016**, 133, 1371-85	16.7	98
31	Response to Letter Regarding Article, "Mitomycin-Induced Pulmonary Veno-Occlusive Disease: Evidence From Human Disease and Animal Model". *Circulation*, **2016**, 133, e592-3	16.7	4
30	Transient Receptor Potential Canonical (TRPC)/Orai1-dependent Store-operated Ca2+ Channels: NEW TARGETS OF ALDOSTERONE IN CARDIOMYOCYTES. *Journal of Biological Chemistry*, **2016**, 291, 13394-409	5.4	49
29	Endothelial-to-mesenchymal transition in pulmonary hypertension. *Circulation*, **2015**, 131, 1006-18	16.7	320
28	Mitomycin-Induced Pulmonary Veno-Occlusive Disease: Evidence From Human Disease and Animal Models. *Circulation*, **2015**, 132, 834-47	16.7	80

27	STIM1L traps and gates Orai1 channels without remodeling the cortical ER. *Journal of Cell Science*, **2015**, 128, 1568-79	5.3	35
26	SERCA and PMCA pumps contribute to the deregulation of Ca2+ homeostasis in human CF epithelial cells. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2015**, 1853, 892-903	4.9	13
25	A functional tandem between transient receptor potential canonical channels 6 and calcium-dependent chloride channels in human epithelial cells. *European Journal of Pharmacology*, **2015**, 765, 337-45	5.3	8
24	Potassium channels in pulmonary arterial hypertension. *European Respiratory Journal*, **2015**, 46, 1167-77	13.6	49
23	miR-223 reverses experimental pulmonary arterial hypertension. *American Journal of Physiology - Cell Physiology*, **2015**, 309, C363-72	5.4	91
22	A simple method to assess in vivo proliferation in lung vasculature with EdU: the case of MMC-induced PVOD in rat. *Analytical Cellular Pathology*, **2015**, 2015, 326385	3.4	4
21	Nebivolol for improving endothelial dysfunction, pulmonary vascular remodeling, and right heart function in pulmonary hypertension. *Journal of the American College of Cardiology*, **2015**, 65, 668-80	15.1	101
20	Chemotherapy-induced pulmonary hypertension: role of alkylating agents. *American Journal of Pathology*, **2015**, 185, 356-71	5.8	116
19	Roscovitine is a proteostasis regulator that corrects the trafficking defect of F508del-CFTR by a CDK-independent mechanism. *British Journal of Pharmacology*, **2014**, 171, 4831-49	8.6	20
18	Inositol 1,4,5 trisphosphate receptor 1 is a key player of human myoblast differentiation. *Cell Calcium*, **2014**, 56, 513-21	4	22
17	Evidence for the involvement of type I interferon in pulmonary arterial hypertension. *Circulation Research*, **2014**, 114, 677-88	15.7	97
16	During post-natal human myogenesis, normal myotube size requires TRPC1- and TRPC4-mediated Ca□+ entry. *Journal of Cell Science*, **2013**, 126, 2525-33	5.3	37
15	Transient receptor potential canonical channels are required for in vitro endothelial tube formation. *Journal of Biological Chemistry*, **2012**, 287, 5917-27	5.4	75
14	Activation of transient receptor potential canonical 3 (TRPC3)-mediated Ca2+ entry by A1 adenosine receptor in cardiomyocytes disturbs atrioventricular conduction. *Journal of Biological Chemistry*, **2012**, 287, 26688-701	5.4	24
13	Transient receptor potential canonical channel 6 links Ca2+ mishandling to cystic fibrosis transmembrane conductance regulator channel dysfunction in cystic fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, **2011**, 44, 83-90	5.7	45
12	CFTR and Ca Signaling in Cystic Fibrosis. *Frontiers in Pharmacology*, **2011**, 2, 67	5.6	34
11	Thapsigargin activates Ca□+ entry both by store-dependent, STIM1/Orai1-mediated, and store-independent, TRPC3/PLC/PKC-mediated pathways in human endothelial cells. *Cell Calcium*, **2011**, 49, 115-27	4	54
10	Electrophysiological characterization of store-operated and agonist-induced Ca2+ entry pathways in endothelial cells. *Pflugers Archiv European Journal of Physiology*, **2010**, 460, 109-20	4.6	16

9	Ca2+ signaling in mouse cardiomyocytes with ablated S100A1 protein. *General Physiology and Biophysics*, **2009**, 28, 371-83	2.1	13
8	A cystic fibrosis respiratory epithelial cell chronically treated by miglustat acquires a non-cystic fibrosis-like phenotype. *American Journal of Respiratory Cell and Molecular Biology*, **2009**, 41, 217-25	5.7	45
7	Dysfunction of mitochondria Ca2+ uptake in cystic fibrosis airway epithelial cells. *Mitochondrion*, **2009**, 9, 232-41	4.9	45
6	Transient receptor potential vanilloid 1 (TRPV1) channels in cultured rat Sertoli cells regulate an acid sensing chloride channel. *Biochemical Pharmacology*, **2008**, 75, 476-83	6	20
5	Calcium homeostasis is abnormal in cystic fibrosis airway epithelial cells but is normalized after rescue of F508del-CFTR. *Cell Calcium*, **2008**, 43, 175-83	4	60
4	Guanabenz, an alpha2-selective adrenergic agonist, activates Ca2+-dependent chloride currents in cystic fibrosis human airway epithelial cells. *European Journal of Pharmacology*, **2008**, 592, 33-40	5.3	13
3	Abnormal spatial diffusion of Ca2+ in F508del-CFTR airway epithelial cells. *Respiratory Research*, **2008**, 9, 70	7.3	29
2	Hint2 is expressed in the mitochondria of H295R cells and is involved in steroidogenesis. *Endocrinology*, **2008**, 149, 5461-9	4.8	12
1	Maintaining low Ca2+ level in the endoplasmic reticulum restores abnormal endogenous F508del-CFTR trafficking in airway epithelial cells. *Traffic*, **2006**, 7, 562-73	5.7	58