Aya Yamamura

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4654504/publications.pdf

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30	718	567281 15	552781 26
papers	citations	h-index	g-index

33	33	33	894
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced Ca ²⁺ -Sensing Receptor Function in Idiopathic Pulmonary Arterial Hypertension. Circulation Research, 2012, 111, 469-481.	4.5	105
2	Notch Activation of Ca²⁺ Signaling in the Development of Hypoxic Pulmonary Vasoconstriction and Pulmonary Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 355-367.	2.9	86
3	Pathogenic role of calcium-sensing receptors in the development and progression of pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L846-L859.	2.9	69
4	Nicotinamide Phosphoribosyltransferase Promotes Pulmonary Vascular Remodeling and Is a Therapeutic Target in Pulmonary Arterial Hypertension. Circulation, 2017, 135, 1532-1546.	1.6	57
5	Flow shear stress enhances intracellular Ca²⁺signaling in pulmonary artery smooth muscle cells from patients with pulmonary arterial hypertension. American Journal of Physiology - Cell Physiology, 2014, 307, C373-C383.	4.6	54
6	Dihydropyridine Ca ²⁺ Channel Blockers Increase Cytosolic [Ca ²⁺] by Activating Ca ²⁺ -sensing Receptors in Pulmonary Arterial Smooth Muscle Cells. Circulation Research, 2013, 112, 640-650.	4.5	42
7	Activity of Ca²⁺â€Activated Cl^{â^'} Channels Contributes to Regulating Receptorâ€• and Storeâ€Operated Ca²⁺ Entry in Human Pulmonary Artery Smooth Muscle Cells. Pulmonary Circulation, 2011, 1, 269-279.	1.7	40
8	Inhibition of Excessive Cell Proliferation by Calcilytics in Idiopathic Pulmonary Arterial Hypertension. PLoS ONE, 2015, 10, e0138384.	2.5	29
9	MicroRNA-mediated downregulation of K⁺ channels in pulmonary arterial hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L10-L26.	2.9	25
10	Hypoxia induces the translocation of glucose transporter 1 to the plasma membrane in vascular endothelial cells. Journal of Physiological Sciences, 2020, 70, 44.	2.1	25
11	Plateletâ€derived growth factor upâ€regulates Ca ²⁺ â€sensing receptors in idiopathic pulmonary arterial hypertension. FASEB Journal, 2019, 33, 7363-7374.	0.5	24
12	Pathological function of Ca²⁺-sensing receptor in pulmonary arterial hypertension. Journal of Smooth Muscle Research, 2014, 50, 8-17.	1.2	23
13	Inhibition of the Ca2+-sensing receptor rescues pulmonary hypertension in rats and mice. Hypertension Research, 2014, 37, 116-124.	2.7	20
14	Tadalafil induces antiproliferation, apoptosis, and phosphodiesterase type 5 downregulation in idiopathic pulmonary arterial hypertension in vitro. European Journal of Pharmacology, 2017, 810, 44-50.	3.5	19
15	Calcilytics enhance sildenafil-induced antiproliferation in idiopathic pulmonary arterial hypertension. European Journal of Pharmacology, 2016, 784, 15-21.	3.5	17
16	Calcilytics inhibit the proliferation and migration of human prostate cancer PC-3 cells. Journal of Pharmacological Sciences, 2019, 139, 254-257.	2.5	15
17	Eicosapentaenoic acid ameliorates pulmonary hypertension via inhibition of tyrosine kinase Fyn. Journal of Molecular and Cellular Cardiology, 2020, 148, 50-62.	1.9	10
18	The Rho kinase 2 (ROCK2)-specific inhibitor KD025 ameliorates the development of pulmonary arterial hypertension. Biochemical and Biophysical Research Communications, 2021, 534, 795-801.	2.1	10

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19	MAZ51 Blocks the Tumor Growth of Prostate Cancer by Inhibiting Vascular Endothelial Growth Factor Receptor 3. Frontiers in Pharmacology, 2021, 12, 667474.	3.5	9
20	Comparative analysis of age in monocrotaline-induced pulmonary hypertensive rats. Journal of Pharmacological Sciences, 2021, 147, 81-85.	2.5	9
21	Calcium-Sensing Receptor Is Functionally Expressed in the Cochlear Perilymphatic Compartment and Essential for Hearing. Frontiers in Molecular Neuroscience, 2019, 12, 175.	2.9	3
22	Activator of G-protein signaling 8 is involved in VEGF-induced choroidal neovascularization. Scientific Reports, 2019, 9, 1560.	3.3	3
23	Substantial involvement of TRPM7 inhibition in the therapeutic effect of Ophiocordyceps sinensis on pulmonary hypertension. Translational Research, 2021, 233, 127-143.	5.0	3
24	SKF96365 activates calcium-sensing receptors in pulmonary arterial smooth muscle cells. Biochemical and Biophysical Research Communications, 2022, 607, 44-48.	2.1	3
25	miRNAâ€29b Directly Downregulates K + Channel Expression and Function in IPAHâ€PASMC. FASEB Journal, 2015, 29, 662.16.	0.5	2
26	Imatinib mesylate inhibits androgen-independent PC-3 cell viability, proliferation, migration, and tumor growth by targeting platelet-derived growth factor receptor-Î±. Life Sciences, 2022, 288, 120171.	4.3	2
27	Characterization of Ca 2+ oscillations in pulmonary artery smooth muscle cells from patients with idiopathic pulmonary arterial hypertension. FASEB Journal, 2011, 25, lb504.	0.5	0
28	Ca 2+ â€activated Cl â^' channels contribute to regulating storeâ€•and receptorâ€operated Ca 2+ entry in human pulmonary arterial smooth muscle cells. FASEB Journal, 2011, 25, lb506.	0.5	0
29	Upregulation of Ca²⁺-sensing receptors by PDGF signal in idiopathic pulmonary arterial hypertension. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-3-41.	0.0	0
30	Tyrosine kinase FYN inhibitionÂmediates theÂtherapeutic effects of Eicosapentaenoic acid on pulmonary hypertension. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2019, 92, 3-S23-3.	0.0	0