Christina M Pabelick

List of Publications by Year
in descending order

93	2,442	172207	223531
papers	citations	29 h-index	46 g-index

94	94	94	3122
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Calcium-sensing receptor and CPAP-induced neonatal airway hyperreactivity in mice. Pediatric Research, 2022, 91, 1391-1398.	1.1	5
2	CPAP-induced airway hyper-reactivity in mice is modulated by hyaluronan synthase-3. Pediatric Research, 2022, 92, 685-693.	1.1	6
3	Kisspeptins inhibit human airway smooth muscle proliferation. JCI Insight, 2022, , .	2.3	4
4	Cellular Senescence in Aging Lungs and Diseases. Cells, 2022, 11, 1781.	1.8	18
5	CPAP protects against hyperoxia-induced increase in airway reactivity in neonatal mice. Pediatric Research, 2021, 90, 52-57.	1.1	5
6	Understanding hydrogen sulfide signaling in neonatal airway disease. Expert Review of Respiratory Medicine, 2021, 15, 351-372.	1.0	7
7	Cellular clocks in hyperoxia effects on [Ca2+]i regulation in developing human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L451-L466.	1.3	3
8	Calcium-Sensing Receptor Contributes to Hyperoxia Effects on Human Fetal Airway Smooth Muscle. Frontiers in Physiology, 2021, 12, 585895.	1.3	8
9	Prenatal Maternal Lipopolysaccharide and Mild Newborn Hyperoxia Increase Intrapulmonary Airway but Not Vessel Reactivity in a Mouse Model. Children, 2021, 8, 195.	0.6	3
10	Cigarette Smoke Exposure, Pediatric Lung Disease, and COVID-19. Frontiers in Physiology, 2021, 12, 652198.	1.3	6
11	Glialâ€derived neurotrophic factor in human airway smooth muscle. Journal of Cellular Physiology, 2021, 236, 8184-8196.	2.0	6
12	Nicotinic Î±7 acetylcholine receptor (Î±7nAChR) in human airway smooth muscle. Archives of Biochemistry and Biophysics, 2021, 706, 108897.	1.4	13
13	Aging increases senescence, calcium signaling, and extracellular matrix deposition in human airway smooth muscle. PLoS ONE, 2021, 16, e0254710.	1.1	17
14	Intermittent Hypoxia-Hyperoxia and Oxidative Stress in Developing Human Airway Smooth Muscle. Antioxidants, 2021, 10, 1400.	2.2	5
15	Neurotrophin Regulation and Signaling in Airway Smooth Muscle. Advances in Experimental Medicine and Biology, 2021, 1304, 109-121.	0.8	2
16	Estrogen receptors differentially regulate intracellular calcium handling in human nonasthmatic and asthmatic airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L112-L124.	1.3	30
17	Sex steroids skew ACE2 expression in human airway: a contributing factor to sex differences in COVID-19?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L843-L847.	1.3	47
18	Hydrogen sulfide, oxygen, and calcium regulation in developing human airway smooth muscle. FASEB Journal, 2020, 34, 12991-13004.	0.2	6

#	Article	IF	Citations
19	Class C GPCRs in the airway. Current Opinion in Pharmacology, 2020, 51, 19-28.	1.7	7
20	Psychiatric illnesses in the perioperative setting: what do anesthesiologists need to consider?. Minerva Anestesiologica, 2020, 86, 1013-1014.	0.6	1
21	Pediatric pain: is it finally getting better?. Minerva Anestesiologica, 2020, 86, 1129-1131.	0.6	0
22	Moderate hyperoxia induces senescence in developing human lung fibroblasts. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L525-L536.	1.3	39
23	Selective YAP/TAZ inhibition in fibroblasts via dopamine receptor D1 agonism reverses fibrosis. Science Translational Medicine, 2019, 11, .	5.8	134
24	Differential estrogenâ€receptor activation regulates extracellular matrix deposition in human airway smooth muscle remodeling via NFâ€ºB pathway. FASEB Journal, 2019, 33, 13935-13950.	0.2	30
25	Caveolae, caveolin-1 and lung diseases of aging. Expert Review of Respiratory Medicine, 2019, 13, 291-300.	1.0	16
26	Caveolin-1 scaffolding domain peptide prevents hyperoxia-induced airway remodeling in a neonatal mouse model. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L99-L108.	1.3	11
27	Cellular senescence in the lung across the age spectrum. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L826-L842.	1.3	70
28	Calcium sensing receptor in developing human airway smooth muscle. Journal of Cellular Physiology, 2019, 234, 14187-14197.	2.0	13
29	Th1 cytokines TNF-Î± and IFN-Î³ promote corticosteroid resistance in developing human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L71-L81.	1.3	37
30	Smooth muscle brainâ€derived neurotrophic factor contributes to airway hyperreactivity in a mouse model of allergic asthma. FASEB Journal, 2019, 33, 3024-3034.	0.2	29
31	Hyperoxia-induced Cellular Senescence in Fetal Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 51-60.	1.4	56
32	Androgen Receptor-Mediated Regulation of Intracellular Calcium in Human Airway Smooth Muscle Cells. Cellular Physiology and Biochemistry, 2019, 53, 215-228.	1.1	26
33	Estrogen Signaling on Mitochondrial Dynamics in Human Airway Smooth Muscle Cells. FASEB Journal, 2019, 33, 734.12.	0.2	0
34	Estrogen Receptors Differentially Regulates Intracellular Calcium Handling in Human Asthmatic Airway Smooth Muscle Cells. FASEB Journal, 2019, 33, 735.7.	0.2	0
35	RNAi screening identifies a mechanosensitive ROCK-JAK2-STAT3 network central to myofibroblast activation. Journal of Cell Science, 2018, 131, .	1.2	37
36	Estrogen receptor beta signaling inhibits PDGF induced human airway smooth muscle proliferation. Molecular and Cellular Endocrinology, 2018, 476, 37-47.	1.6	48

#	Article	IF	Citations
37	Knob protein enhances epithelial barrier integrity and attenuates airway inflammation. Journal of Allergy and Clinical Immunology, 2018, 142, 1808-1817.e3.	1.5	6
38	Estrogen Receptor Signaling and Intracellular Calcium Regulation in Human Airway Smooth Muscle. FASEB Journal, 2018, 32, 840.10.	0.2	0
39	Regulation of Intracellular Calcium in Uterine Leiomyomas. FASEB Journal, 2018, 32, 770.10.	0.2	0
40	Brain-derived neurotrophic factor and airway fibrosis in asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L360-L370.	1.3	40
41	Mitochondrial Dysfunction in Airway Disease. Chest, 2017, 152, 618-626.	0.4	168
42	Moderate hyperoxia induces extracellular matrix remodeling by human fetal airway smooth muscle cells. Pediatric Research, 2017, 81, 376-383.	1.1	29
43	Hypoxia and Local Inflammation in Pulmonary Artery Structure and Function. Advances in Experimental Medicine and Biology, 2017, 967, 325-334.	0.8	6
44	Effects of Hyperoxia on the Developing Airway and Pulmonary Vasculature. Advances in Experimental Medicine and Biology, 2017, 967, 179-194.	0.8	12
45	Differential Expression of Estrogen Receptor Variants in Response to Inflammation Signals in Human Airway Smooth Muscle. Journal of Cellular Physiology, 2017, 232, 1754-1760.	2.0	26
46	Author response to letter to editor: Hyperinsulinemia adversely affects lung structure and function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L183-L184.	1.3	1
47	Mechanisms of BDNF regulation in asthmatic airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L270-L279.	1.3	27
48	Hepatoma derived growth factor (HDGF) dynamics in ovarian cancer cells. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 329-339.	2.2	22
49	Hyperinsulinemia adversely affects lung structure and function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L837-L845.	1.3	68
50	Aging-related changes in respiratory system mechanics and morphometry in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L167-L176.	1.3	34
51	Sex Steroids Influence Brain-Derived Neurotropic Factor Secretion From Human Airway Smooth Muscle Cells. Journal of Cellular Physiology, 2016, 231, 1586-1592.	2.0	20
52	TLR3 activation increases chemokine expression in human fetal airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L202-L211.	1.3	13
53	Effects of antenatal lipopolysaccharide and postnatal hyperoxia on airway reactivity and remodeling in a neonatal mouse model. Pediatric Research, 2016, 79, 391-400.	1.1	22
54	Vitamin D Reduces Inflammation-induced Contractility and Remodeling of Asthmatic Human Airway Smooth Muscle. Annals of the American Thoracic Society, 2016, 13 Suppl 1, S97-8.	1.5	6

#	Article	IF	Citations
55	Are informational videos good for pediatric patients?. Minerva Anestesiologica, 2016, 82, 501-2.	0.6	0
56	Soluble guanylate cyclase modulators blunt hyperoxia effects on calcium responses of developing human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L537-L542.	1.3	13
57	cAMP-mediated secretion of brain-derived neurotrophic factor in developing airway smooth muscle. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2506-2514.	1.9	23
58	Hyperoxia-induced changes in estradiol metabolism in postnatal airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L141-L146.	1.3	16
59	Calcium-sensing receptor antagonists abrogate airway hyperresponsiveness and inflammation in allergic asthma. Science Translational Medicine, 2015, 7, 284ra60.	5.8	142
60	Plasminogen Activator Inhibitor-1 Suppresses Profibrotic Responses in Fibroblasts from Fibrotic Lungs. Journal of Biological Chemistry, 2015, 290, 9428-9441.	1.6	43
61	Role of Hypoxia-Induced Brain Derived Neurotrophic Factor in Human Pulmonary Artery Smooth Muscle. PLoS ONE, 2015, 10, e0129489.	1.1	21
62	Hepatomaâ€Derived Growth Factor (HDGF) Acts in Ovarian Cancer via Distinct Intracellular and Extracellular Mechanisms. FASEB Journal, 2015, 29, 726.6.	0.2	0
63	Vitamin D Attenuates TNFÎ±â€induced Chemokine Production in Developing Human Airway Smooth Muscle Cells. FASEB Journal, 2015, 29, 1030.2.	0.2	0
64	Cigarette smoke enhances proliferation and extracellular matrix deposition by human fetal airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L978-L986.	1.3	38
65	Response to letter by Dr. Marc Hershenson (exposure of airway smooth muscle cells to cigarette) Tj ETQq1 1 0.784314 rgBT /Overloc L346-L346.	1.3	3
66	Arachidonate-Regulated Ca²⁺ Influx in Human Airway Smooth Muscle. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 68-76.	1.4	18
67	BDNF secretion by human pulmonary artery endothelial cells in response to hypoxia. Journal of Molecular and Cellular Cardiology, 2014, 68, 89-97.	0.9	65
68	Inflammation, caveolae and CD38-mediated calcium regulation in human airway smooth muscle. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 346-351.	1.9	19
69	TRPC3 regulates release of brain-derived neurotrophic factor from human airway smooth muscle. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2953-2960.	1.9	43
70	Caveolin-1 regulation of store-operated Ca²⁺influx in human airway smooth muscle. European Respiratory Journal, 2012, 40, 470-478.	3.1	68
71	Brainâ€derived neurotrophic factor induces proliferation of human airway smooth muscle cells. Journal of Cellular and Molecular Medicine, 2012, 16, 812-823.	1.6	71
72	Brain-Derived Neurotrophic Factor Enhances Calcium Regulatory Mechanisms in Human Airway Smooth Muscle. PLoS ONE, 2012, 7, e44343.	1.1	45

#	Article	IF	Citations
73	Mechanisms of Neurotrophin Action on Human Airway Smooth Muscle. FASEB Journal, 2011, 25, 864.9.	0.2	0
74	Neurotrophins in lung health and disease. Expert Review of Respiratory Medicine, 2010, 4, 395-411.	1.0	80
75	Brain-Derived Neurotrophic Factor in TNF-Î± Modulation of Ca²⁺ in Human Airway Smooth Muscle. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 603-611.	1.4	52
76	Sarcoplasmic Reticulum Ca2+ Reuptake and Airway Smooth Muscle Inflammation. FASEB Journal, 2009, 23, 622.2.	0.2	0
77	Na+/Ca2+ Exchange and Airway Smooth Muscle Inflammation. FASEB Journal, 2009, 23, 622.3.	0.2	0
78	Caveolae and neurotrophins in pulmonary artery smooth muscle. FASEB Journal, 2009, 23, 769.6.	0.2	0
79	Effect of Hydrogen Sulfide on [Ca2+]i Regulation in Airway Smooth Muscle. FASEB Journal, 2009, 23, 622.5.	0.2	1
80	Neurotrophins in pulmonary artery smooth muscle. FASEB Journal, 2009, 23, 769.5.	0.2	0
81	Role of Mitochondria in SR Calcium Buffering in Human Airway Smooth Muscle. FASEB Journal, 2009, 23, 622.4.	0.2	0
82	Regulation of store-operated Ca²⁺entry by CD38 in human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L378-L385.	1.3	51
83	Estrogens modulate intracellular Ca 2+ in human airway smooth muscle. FASEB Journal, 2008, 22, 764.16.	0.2	0
84	Ca 2+ /Calmodulinâ€dependent protein kinase regulation of sarcoplasmic reticulum Ca 2+ uptake in airway smooth muscle. FASEB Journal, 2008, 22, 764.17.	0.2	0
85	Role of STIM1 in Regulation of Storeâ€Operated Ca 2+ Entry in PC12 cells. FASEB Journal, 2008, 22, 1181.1.	0.2	0
86	STIM1 regulates store operated calcium entry (SOCE) in human airway smooth muscle. FASEB Journal, 2008, 22, 1213.3.	0.2	0
87	Caveolins and intracellular calcium regulation in human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L1118-L1126.	1.3	69
88	Store-operated Ca2+Influx in Airway Smooth Muscle. Anesthesiology, 2006, 105, 976-983.	1.3	31
89	Neurotrophin effects on intracellular Ca2+ and force in airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L447-L456.	1.3	60
90	Store-operated Ca2+entry in porcine airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 286, L909-L917.	1.3	98

#	Article	IF	Citations
91	Invited Review: Significance of spatial and temporal heterogeneity of calcium transients in smooth muscle. Journal of Applied Physiology, 2001, 91, 488-496.	1.2	64
92	cGMP-independent mechanism of airway smooth muscle relaxation induced byS-nitrosoglutathione. American Journal of Physiology - Cell Physiology, 1998, 275, C468-C474.	2.1	48
93	Stereospecific effects of ketamine enantiomers on canine tracheal smooth muscle. British Journal of Pharmacology, 1997, 121, 1378-1382.	2.7	15