Y S Prakash

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3816869/publications.pdf

Version: 2024-02-01

296 papers	11,190 citations	28190 55 h-index	45213 90 g-index
320 all docs	320 docs citations	320 times ranked	12590 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	Hormonal Effects on Asthma, Rhinitis, and Eczema. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 2066-2073.	2.0	7
4	Kisspeptins inhibit human airway smooth muscle proliferation. JCI Insight, 2022, , .	2.3	4
5	Piezo Channels Modulate Stretch-Induced Remodeling and Calcium Regulation in Developing Human Airway Smooth Muscle. , 2022, , .		0
6	Role of Nicotinic Alpha 7 Cholinergic Receptor Chaperones in Airway Smooth Muscle and Asthma. , 2022, , .		0
7	Mechanisms of Cellular Senescence in Asthmatic Human Airway Mesenchymal Cells. , 2022, , .		0
8	Piezo Channels Modulate Hyperoxia-Induced Airway Hyperreactivity and Remodeling in Developing Mouse Airways. , 2022, , .		0
9	Kisspeptin Attenuates Airway Smooth Muscle Cell Migration by Regulating Rho GTPase Signaling Pathway. , 2022, , .		1
10	Th1 cytokines synergize to change gene expression and promote corticosteroid insensitivity in pediatric airway smooth muscle. Respiratory Research, 2022, 23, 126.	1.4	4
11	Cellular Senescence in Aging Lungs and Diseases. Cells, 2022, 11, 1781.	1.8	18
12	CPAP protects against hyperoxia-induced increase in airway reactivity in neonatal mice. Pediatric Research, 2021, 90, 52-57.	1.1	5
13	Sex Differences in Respiratory Physiology. Physiology in Health and Disease, 2021, , 1-11.	0.2	2
14	Sex Differences in the Coronavirus Disease 2019. Physiology in Health and Disease, 2021, , 471-490.	0.2	0
15	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
16	Calcium-Sensing Receptor Contributes to Hyperoxia Effects on Human Fetal Airway Smooth Muscle. Frontiers in Physiology, 2021, 12, 585895.	1.3	8
17	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
18	Cellular Senescence Related Protein and Gene Expression Patterns in Asthmatic Human Whole Lung Tissue. , 2021, , .		0

#	Article	IF	Citations
19	Hydrogen Sulfide and Airway Hyperreactivity in a Mouse Model of Neonatal Hyperoxia Exposure. , 2021, , .		0
20	Cellular Senescence and Aging in a Mouse Model of Allergic Asthma. , 2021, , .		0
21	Brain Derived Neurotrophic Factor and Airway Hyperreactivity in a Mouse Model of Allergic Asthma in Aging. , 2021, , .		0
22	Hydrogen Sulfide (H2S), Mitochondria and Oxygen in Developing Airway Smooth Muscle. , 2021, , .		0
23	Estrogen Receptor Î² Attenuates Contraction of Human Airway Smooth Muscle Cells and Ex Vivo Murine Airways. , 2021, , .		0
24	GABA_B Receptor-CaSR Crosstalk in Airway Smooth Muscle. , 2021, , .		0
25	Estrogen Regulates Lamellipodial and Focal Adhesion Dynamics in Airway Smooth Muscle Cell Migration. , 2021, , .		0
26	Glial-Derived Neurotrophic Factor Family of Ligands Regulate Intracellular Calcium in Human Airway Smooth Muscle Cells. , 2021, , .		0
27	Class C Orphan GPCR GPRC5A in Human Airway Smooth Muscle. , 2021, , .		0
28	The Stress of Lung Aging: Endoplasmic Reticulum and Senescence TÃªte-Ã-TÃªte. Physiology, 2021, 36, 150-159.	1.6	7
29	Senolytics reduce coronavirus-related mortality in old mice. Science, 2021, 373, .	6.0	184
30	Glialâ€derived neurotrophic factor in human airway smooth muscle. Journal of Cellular Physiology, 2021, 236, 8184-8196.	2.0	6
31	Nicotinic Î±7 acetylcholine receptor (Î±7nAChR) in human airway smooth muscle. Archives of Biochemistry and Biophysics, 2021, 706, 108897.	1.4	13
32	Passive siRNA transfection method for gene knockdown in air-liquid interface airway epithelial cell cultures. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L280-L286.	1.3	10
33	Sex, Cells, and Asthma. Mayo Clinic Proceedings, 2021, 96, 1955-1969.	1.4	20
34	Network and co-expression analysis of airway smooth muscle cell transcriptome delineates potential gene signatures in asthma. Scientific Reports, 2021, 11, 14386.	1.6	14
35	Announcing the Editorial Board Fellowship Program of the American Journal of Physiology-Lung Cellular and Molecular Physiology. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L116-L118.	1.3	1
36	Aging increases senescence, calcium signaling, and extracellular matrix deposition in human airway smooth muscle. PLoS ONE, 2021, 16, e0254710.	1.1	17

#	Article	IF	Citations
37	Intermittent Hypoxia-Hyperoxia and Oxidative Stress in Developing Human Airway Smooth Muscle. Antioxidants, 2021, 10, 1400.	2.2	5
38	Electrogenic sodium bicarbonate cotransporter NBCe1 regulates pancreatic Î² cell function in type 2 diabetes. Journal of Clinical Investigation, 2021, 131, .	3.9	11
39	Neurotrophin Regulation and Signaling in Airway Smooth Muscle. Advances in Experimental Medicine and Biology, 2021, 1304, 109-121.	0.8	2
40	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
41	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
42	Hydrogen sulfide, oxygen, and calcium regulation in developing human airway smooth muscle. FASEB Journal, 2020, 34, 12991-13004.	0.2	6
43	Hyperoxia-Induced Soluble Guanylyl Cyclase (sGC) Dysfunction in Developing Airway Causes Remodeling and Fibrosis. , 2020, , .		0
44	Class C GPCR Effects on Airway Smooth Muscle Mitochondria. , 2020, , .		0
45	Noncanonical role for Ku70/80 in the prevention of allergic airway inflammation via maintenance of airway epithelial cell organelle homeostasis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L728-L741.	1.3	3
46	Role of Estrogen Metabolites in Regulating Intracellular Calcium in Human Airway Smooth Muscle Cell. , 2020, , .		1
47	Targeting Soluble Guanylyl Cyclase Dysfunction in Hyperoxia-Exposed Developing Airways. , 2020, , .		0
48	Modeling Circadian Disruption to Understand Lung Physiology and Disease. , 2020, , .		0
49	Kisspeptins Regulate Human Airway Smooth Muscle Cell Proliferation and Remodeling. , 2020, , .		0
50	Th1 and Th17 Inflammation Are Associated with Airway Smooth Muscle Dysfunction and Steroid Resistance in a Mouse Model of Allergic Airway Inflammation. , 2020, , .		0
51	Estrogen regulates the expression of SARS-CoV-2 receptor ACE2 in differentiated airway epithelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L1280-L1281.	1.3	163
52	Contributions of IL-33 in Non-hematopoietic Lung Cells to Obstructive Lung Disease. Frontiers in Immunology, 2020, 11, 1798.	2.2	8
53	Bringing the cellular clock into understanding lung disease: itâ€™s time, period!. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L273-L276.	1.3	3
54	YAP/TAZ are Activated by Mechanical and Hormonal Stimuli in Myometrium and Exhibit Increased Baseline Activation in Uterine Fibroids. Reproductive Sciences, 2020, 27, 1074-1085.	1.1	17

#	Article	IF	Citations
55	Upregulation of airway smooth muscle calcium-sensing receptor by low-molecular-weight hyaluronan. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L459-L471.	1.3	14
56	Cholinergic neuroplasticity in asthma driven by TrkB signaling. FASEB Journal, 2020, 34, 7703-7717.	0.2	17
57	Asthma without borders. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L1001-L1003.	1.3	5
58	Class C GPCRs in the airway. Current Opinion in Pharmacology, 2020, 51, 19-28.	1.7	7
59	Itâ€™s about time: clocks in the developing lung. Journal of Clinical Investigation, 2020, 130, 39-50.	3.9	10
60	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
61	Selective YAP/TAZ inhibition in fibroblasts via dopamine receptor D1 agonism reverses fibrosis. Science Translational Medicine, 2019, 11, .	5.8	134
62	Differential estrogenâ€receptor activation regulates extracellular matrix deposition in human airway smooth muscle remodeling via NFâ€ÎºB pathway. FASEB Journal, 2019, 33, 13935-13950.	0.2	30
63	The Transcription Factor Bhlhe40 Programs Mitochondrial Regulation of Resident CD8+ T Cell Fitness and Functionality. Immunity, 2019, 51, 491-507.e7.	6.6	148
64	Caveolae, caveolin-1 and lung diseases of aging. Expert Review of Respiratory Medicine, 2019, 13, 291-300.	1.0	16
65	Dasatinib and Quercetin Reverse Hyperoxia-Induced Airway Hyperreactivity in a Murine Model of Premature Airways Disease. , 2019, , .		0
66	STIM1 expression is associated with osteosarcoma cell survival. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2019, 31, 203-211.	0.7	10
67	Airway Innervation and Plasticity in Asthma. Physiology, 2019, 34, 283-298.	1.6	47
68	PGC1Î± repression in IPF fibroblasts drives a pathologic metabolic, secretory and fibrogenic state. Thorax, 2019, 74, 749-760.	2.7	66
69	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
70	Senescence in the lung: is this getting old?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L822-L825.	1.3	13
71	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
72	Kisspeptins Expression and Function in Asthmatic Human Airway Smooth Muscle. , 2019, , .		0

#	Article	IF	Citations
73	Receptor Specific Estrogen Signaling Regulates Extracellular Matrix Deposition in Human Airway Smooth Muscle Remodeling. , 2019, , .		0
74	Calcium-Sensing Receptor Contributes to Hyperoxia-Induced Enhancement of Calcium Regulation and Remodeling in Human Fetal Airway Smooth Muscle. , 2019, , .		0
75	Oxygen Exposure and Circadian Biology in the Premature Developing Airway. , 2019, , .		0
76	Comparative Transcriptional Profiling of Lung Fibroblasts from Aged and Young Mice Following Lung Injury Reveals Signature of Sustained Pro-Fibrotic Activation. , 2019, , .		0
77	Moderate Hyperoxia Induces Senescence in Human Fetal Lung Fibroblasts. , 2019, , .		0
78	Estrogen Receptor Î² Knock Out Exacerbates Airway Hyperresponsiveness and Remodeling in a Murine Model of Asthma. , 2019, , .		1
79	Genetic variations in olfactory receptor gene OR2AG2 in a large multigenerational family with asthma. Scientific Reports, 2019, 9, 19029.	1.6	12
80	Profibrotic effect of IL-17A and elevated IL-17RA in idiopathic pulmonary fibrosis and rheumatoid arthritis-associated lung disease support a direct role for IL-17A/IL-17RA in human fibrotic interstitial lung disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L487-L497.	1.3	115
81	Calcium sensing receptor in developing human airway smooth muscle. Journal of Cellular Physiology, 2019, 234, 14187-14197.	2.0	13
82	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
83	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
84	Secretory Inositol Polyphosphate 4-Phosphatase Protects against Airway Inflammation and Remodeling. American Journal of Respiratory Cell and Molecular Biology, 2019, 60, 399-412.	1.4	7
85	Obesity, mitochondrial dysfunction, and obstructive lung disease. , 2019, , 143-167.		2
86	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
87	Increased Baseline YAP/TAZ Nuclear Localization and Altered Transcriptional Activity in Uterine Fibroids. FASEB Journal, 2019, 33, 712.1.	0.2	1
88	CBX5/G9a/H3K9me-mediated gene repression is essential to fibroblast activation during lung fibrosis. JCI Insight, 2019, 4, .	2.3	47
89	Androgen Receptor-Mediated Regulation of Intracellular Calcium in Human Airway Smooth Muscle Cells. Cellular Physiology and Biochemistry, 2019, 53, 215-228.	1.1	26
90	Estrogen Signaling on Mitochondrial Dynamics in Human Airway Smooth Muscle Cells. FASEB Journal, 2019, 33, 734.12.	0.2	0

#	Article	IF	Citations
91	Estrogen Receptors Differentially Regulates Intracellular Calcium Handling in Human Asthmatic Airway Smooth Muscle Cells. FASEB Journal, 2019, 33, 735.7.	0.2	0
92	RNAi screening identifies a mechanosensitive ROCK-JAK2-STAT3 network central to myofibroblast activation. Journal of Cell Science, 2018, 131, .	1.2	37
93	Neonatal hyperoxia promotes asthma-like features through IL-33â€“dependent ILC2 responses. Journal of Allergy and Clinical Immunology, 2018, 142, 1100-1112.	1.5	39
94	Estrogen receptor beta signaling inhibits PDGF induced human airway smooth muscle proliferation. Molecular and Cellular Endocrinology, 2018, 476, 37-47.	1.6	48
95	TRPC6 and TRPC4 Heteromultimerization Mediates Store Depletion-Activated NCX1 Reversal in Proliferative Vascular Smooth Muscle Cells. Channels, 2018, 12, 119-125.	1.5	6
96	Phrenic motoneuron structural plasticity across models of diaphragm muscle paralysis. Journal of Comparative Neurology, 2018, 526, 2973-2983.	0.9	16
97	Ca 2+ Entry Through Reverse Mode Na + /Ca 2+ Exchanger Contributes to Store Operated Channel-Mediated Neointima Formation After Arterial Injury. Canadian Journal of Cardiology, 2018, 34, 791-799.	0.8	5
98	Female Sex and Gender in Lung/Sleep Health and Disease. Increased Understanding of Basic Biological, Pathophysiological, and Behavioral Mechanisms Leading to Better Health for Female Patients with Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 850-858.	2.5	74
99	Arhgef12 drives IL17A-induced airway contractility and airway hyperresponsiveness in mice. JCI Insight, 2018, 3, .	2.3	8
100	Proâ€inflammatory Cytokine TNFÎ± Induces Endoplasmic Reticulum Stress Through Reactive Oxygen Species Generation in Human Airway Smooth Muscle Cells. FASEB Journal, 2018, 32, .	0.2	0
101	CELLâ€MATRIX INTERACTIONS AND MECHANOSENSITIVE PATHWAYS IN UTERINE LEIOMYOMA (FIBROID) PROLIFERATION. FASEB Journal, 2018, 32, 867.1.	0.2	1
102	Regulation of Intracellular Calcium in Uterine Leiomyomas. FASEB Journal, 2018, 32, 770.10.	0.2	0
103	An Official American Thoracic Society Research Statement: Current Challenges Facing Research and Therapeutic Advances in Airway Remodeling. American Journal of Respiratory and Critical Care Medicine, 2017, 195, e4-e19.	2.5	83
104	Cellular senescence mediates fibrotic pulmonary disease. Nature Communications, 2017, 8, 14532.	5.8	1,008
105	TNFÎ± decreases mitochondrial movement in human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L166-L176.	1.3	25
106	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
107	Mitochondrial Dysfunction in Airway Disease. Chest, 2017, 152, 618-626.	0.4	168
108	Moderate hyperoxia induces extracellular matrix remodeling by human fetal airway smooth muscle cells. Pediatric Research, 2017, 81, 376-383.	1.1	29

#	Article	IF	Citations
109	Hypoxia and Local Inflammation in Pulmonary Artery Structure and Function. Advances in Experimental Medicine and Biology, 2017, 967, 325-334.	0.8	6
110	The -Omic Approach to Understanding Glucocorticoid Effects in Smooth Muscle: Diving for Pearls. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 147-148.	1.4	0
111	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
112	Functional Effects of Cigarette Smokeâ€Induced Changes in Airway Smooth Muscle Mitochondrial Morphology. Journal of Cellular Physiology, 2017, 232, 1053-1068.	2.0	37
113	Regulation of Lower Airway Function. , 2017, , 685-692.		0
114	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
115	Sex Differences in Pulmonary Anatomy and Physiology. , 2016, , 89-103.		11
116	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
117	Emerging concepts in smooth muscle contributions to airway structure and function: implications for health and disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L1113-L1140.	1.3	108
118	Secreted Brain-Derived Neurotrophic Factor and Asthma Severity. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 297-297.	1.4	1
119	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
120	The Effect of Continuous Positive Airway Pressure in a Mouse Model of Hyperoxic Neonatal Lung Injury. Neonatology, 2016, 109, 6-13.	0.9	26
121	Hyperinsulinemia adversely affects lung structure and function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L837-L845.	1.3	68
122	An Official American Thoracic Society Workshop Report: Evaluation and Management of Asthma in the Elderly. Annals of the American Thoracic Society, 2016, 13, 2064-2077.	1.5	82
123	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
124	Restoration of Mitochondrial Cardiolipin Attenuates Cardiac Damage in Swine Renovascular Hypertension. Journal of the American Heart Association, 2016, 5, .	1.6	53
125	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
126	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

#	Article	IF	Citations
127	Cystic Fibrosis Transmembrane Conductance Regulator in Sarcoplasmic Reticulum of Airway Smooth Muscle. Implications for Airway Contractility. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 417-426.	2.5	58
128	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
129	Mechanisms of Cigarette Smoke Effects on Human Airway Smooth Muscle. PLoS ONE, 2015, 10, e0128778.	1.1	38
130	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
131	Targeting bacterial biofilms via surface engineering of gold nanoparticles. RSC Advances, 2015, 5, 105551-105559.	1.7	48
132	Cigarette Smoke and Estrogen Signaling in Human Airway Smooth Muscle. Cellular Physiology and Biochemistry, 2015, 36, 1101-1115.	1.1	37
133	Perinatal oxygen in the developing lung. Canadian Journal of Physiology and Pharmacology, 2015, 93, 119-127.	0.7	52
134	Sex steroid signaling: Implications for lung diseases. , 2015, 150, 94-108.		125
135	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
136	Vitamin D Attenuates Cytokineâ€Induced Remodeling in Human Fetal Airway Smooth Muscle Cells. Journal of Cellular Physiology, 2015, 230, 1189-1198.	2.0	36
137	Matrix stiffness-modulated proliferation and secretory function of the airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L1125-L1135.	1.3	60
138	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
139	Calcium-sensing receptor antagonists abrogate airway hyperresponsiveness and inflammation in allergic asthma. Science Translational Medicine, 2015, 7, 284ra60.	5.8	142
140	Plasminogen Activator Inhibitor-1 Suppresses Profibrotic Responses in Fibroblasts from Fibrotic Lungs. Journal of Biological Chemistry, 2015, 290, 9428-9441.	1.6	43
141	Coming to terms with tissue engineering and regenerative medicine in the lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L625-L638.	1.3	35
142	Fetal human airway smooth muscle cell production of leukocyte chemoattractants is differentially regulated by fluticasone. Pediatric Research, 2015, 78, 650-656.	1.1	6
143	Role of the Urokinase-Fibrinolytic System in Epithelialâ€“Mesenchymal Transition during Lung Injury. American Journal of Pathology, 2015, 185, 55-68.	1.9	40
144	Control of nanoparticle penetration into biofilms through surface design. Chemical Communications, 2015, 51, 282-285.	2.2	133

#	Article	IF	Citations
145	Role of Hypoxia-Induced Brain Derived Neurotrophic Factor in Human Pulmonary Artery Smooth Muscle. PLoS ONE, 2015, 10, e0129489.	1.1	21
146	Hepatomaâ€Derived Growth Factor (HDGF) Acts in Ovarian Cancer via Distinct Intracellular and Extracellular Mechanisms. FASEB Journal, 2015, 29, 726.6.	0.2	0
147	Vitamin D Attenuates TNFÎ±â€induced Chemokine Production in Developing Human Airway Smooth Muscle Cells. FASEB Journal, 2015, 29, 1030.2.	0.2	0
148	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
149	Severity of neonatal hyperoxia determines structural and functional changes in developing mouse airway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 307, L295-L301.	1.3	66
150	The role of caveolae in the pathophysiology of lung diseases. Expert Review of Respiratory Medicine, 2014, 8, 111-122.	1.0	24
151	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
152	Cigarette smoke-induced mitochondrial fragmentation and dysfunction in human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L840-L854.	1.3	150
153	Arachidonate-Regulated Ca²⁺ Influx in Human Airway Smooth Muscle. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 68-76.	1.4	18
154	Nanoparticles and the lung: friend or foe?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2014, 306, L393-L396.	1.3	1
155	MicroRNA-326 Regulates Profibrotic Functions of Transforming Growth Factor-Î² in Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 882-892.	1.4	145
156	Secretory function of autophagy in innate immune cells. Cellular Microbiology, 2014, 16, 1637-1645.	1.1	20
157	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
158	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
159	Obesity, Metabolic Syndrome, and Airway Disease. Immunology and Allergy Clinics of North America, 2014, 34, 785-796.	0.7	25
160	Brain-derived neurotrophic factor in the airways. , 2014, 143, 74-86.		78
161	Sex Steroid Signaling in the Airway. , 2014, , 321-332.		0
162	Regulation of Contractility in Immature Airway Smooth Muscle. , 2014, , 333-340.		1

#	Article	IF	Citations
163	Role of Caveolae in the Airway. , 2014, , 235-246.		0
164	Probing Novel Roles of the Mitochondrial Uniporter in Ovarian Cancer Cells Using Nanoparticles. Journal of Biological Chemistry, 2013, 288, 17610-17618.	1.6	37
165	Estrogen modulation of nitric oxide signaling in the airway. Journal of Cellular Physiology, 2013, 228, 688-688.	2.0	2
166	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
167	Why Do Former Preterm Infants Wheeze?. Journal of Pediatrics, 2013, 162, 443-444.	0.9	19
168	Brain-Derived Neurotrophic Factor in Cigarette Smokeâ€“Induced Airway Hyperreactivity. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 431-438.	1.4	34
169	Effects of the Inflammatory Cytokines TNF-Î± and IL-13 on Stromal Interaction Moleculeâ€“1 Aggregation in Human Airway Smooth Muscle Intracellular Ca²⁺ Regulation. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 601-608.	1.4	27
170	Mitochondria in lung diseases. Expert Review of Respiratory Medicine, 2013, 7, 631-646.	1.0	74
171	Insulin and the Lung: Connecting Asthma and Metabolic Syndrome. Journal of Allergy, 2013, 2013, 1-8.	0.7	62
172	Airway smooth muscle in airway reactivity and remodeling: what have we learned?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L912-L933.	1.3	170
173	Perinatal factors in neonatal and pediatric lung diseases. Expert Review of Respiratory Medicine, 2013, 7, 515-531.	1.0	38
174	Inflammation alters regional mitochondrial Ca²⁺in human airway smooth muscle cells. American Journal of Physiology - Cell Physiology, 2012, 303, C244-C256.	2.1	53
175	Oxygen dose responsiveness of human fetal airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L711-L719.	1.3	74
176	Caveolin-1 knockout mice exhibit airway hyperreactivity. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L669-L681.	1.3	32
177	Estrogen effects on human airway smooth muscle involve cAMP and protein kinase A. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L923-L928.	1.3	52
178	Caveolin-1 regulation of store-operated Ca²⁺influx in human airway smooth muscle. European Respiratory Journal, 2012, 40, 470-478.	3.1	68
179	Role of Arginase in Impairing Relaxation of Lung Parenchyma of Hyperoxia-Exposed Neonatal Rats. Neonatology, 2012, 101, 106-115.	0.9	26
180	Mechanisms of Injury to the Preterm Lung and Airway: Implications for Long-Term Pulmonary Outcome. Neonatology, 2012, 101, 345-352.	0.9	58

#	Article	IF	Citations
181	Caveolae and propofol effects on airway smooth muscle. British Journal of Anaesthesia, 2012, 109, 444-453.	1.5	16
182	NHERF-2 maintains endothelial homeostasis. Blood, 2012, 119, 4798-4806.	0.6	20
183	Sex Differences and Sex Steroids in Lung Health and Disease. Endocrine Reviews, 2012, 33, 1-47.	8.9	320
184	MicroRNA-mRNA interactions in a murine model of hyperoxia-induced bronchopulmonary dysplasia. BMC Genomics, 2012, 13, 204.	1.2	62
185	Canonical Transient Receptor Potential Channel Expression, Regulation, and Function in Vascular and Airway Diseases. Methods in Pharmacology and Toxicology, 2012, , 61-87.	0.1	1
186	â€œBioengineering the lung: molecules, materials, matrix, morphology, and mechanicsâ€• American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L361-L362.	1.3	7
187	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
188	Brain-Derived Neurotrophic Factor Enhances Calcium Regulatory Mechanisms in Human Airway Smooth Muscle. PLoS ONE, 2012, 7, e44343.	1.1	45
189	Top-down Synthesis of Versatile Polyaspartamide Linkers for Single-Step Protein Conjugation to Materials. Bioconjugate Chemistry, 2011, 22, 2377-2382.	1.8	16
190	K_{Ca}3.1 channels facilitate K⁺ secretion or Na⁺ absorption depending on apical or basolateral P2Y receptor stimulation. Journal of Physiology, 2011, 589, 3483-3494.	1.3	17
191	Neurotrophins induce nitric oxide generation in human pulmonary artery endothelial cells. Cardiovascular Research, 2011, 91, 668-676.	1.8	67
192	Estrogen Increases Nitric-Oxide Production in Human Bronchial Epithelium. Journal of Pharmacology and Experimental Therapeutics, 2011, 339, 815-824.	1.3	46
193	Caveolin-1 in cytokine-induced enhancement of intracellular Ca²⁺ in human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L607-L614.	1.3	31
194	Spatiotemporal dynamics of actin remodeling and endomembrane trafficking in alveolar epithelial type I cell wound healing. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L615-L623.	1.3	50
195	Gold nanoparticles and airway hyperreactivity. European Respiratory Journal, 2011, 38, 485-486.	3.1	1
196	Caveolin-1 and force regulation in porcine airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L920-L929.	1.3	29
197	Neurokinin-neurotrophin interactions in airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L91-L98.	1.3	21
198	Sodium-Calcium Exchange in Intracellular Calcium Handling of Human Airway Smooth Muscle. PLoS ONE, 2011, 6, e23662.	1.1	47

#	Article	IF	Citations
199	Mechanisms of Neurotrophin Action on Human Airway Smooth Muscle. FASEB Journal, 2011, 25, 864.9.	0.2	0
200	Hyperoxia enhances intracellular calcium in human fetal airway smooth muscle via cyclic nucleotide regulation of brainâ€derived neurotrophic factor release. FASEB Journal, 2011, 25, 864.3.	0.2	0
201	Rapid effects of estrogen on intracellular Ca²⁺ regulation in human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L521-L530.	1.3	83
202	Thymic Stromal Lymphopoietin in Cigarette Smoke-Exposed Human Airway Smooth Muscle. Journal of Immunology, 2010, 185, 3035-3040.	0.4	91
203	Mechanisms underlying hypothermia-induced cardiac contractile dysfunction. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H890-H897.	1.5	43
204	Effect of Nanoparticle Surface Charge at the Plasma Membrane and Beyond. Nano Letters, 2010, 10, 2543-2548.	4.5	537
205	Neurotrophins in lung health and disease. Expert Review of Respiratory Medicine, 2010, 4, 395-411.	1.0	80
206	Inflammation enhances Na + /Ca 2+ exchange in human airway smooth muscle. FASEB Journal, 2010, 24, 1062.6.	0.2	0
207	Neurotrophins induce NO generation in pulmonary artery endothelial cells. FASEB Journal, 2010, 24, 797.2.	0.2	2
208	Dynamic [Ca2+]i regulation in human airway smooth muscle by STIM and Orai1 proteins. FASEB Journal, 2010, 24, 1062.8.	0.2	0
209	Wound repair in type I alveolar epithelial cells involves lysosome secretion followed by initiation of actin repolymerization. FASEB Journal, 2010, 24, .	0.2	0
210	Arachidonateâ€regulated channels (ARC) and intracellular Ca 2+ regulation in human airway smooth muscle. FASEB Journal, 2010, 24, 1062.7.	0.2	0
211	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
212	Effect of proinflammatory cytokines on regulation of sarcoplasmic reticulum Ca²⁺reuptake in human airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L26-L34.	1.3	79
213	Asthma and sarcoplasmic reticulum Ca²⁺ reuptake in airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L794-L794.	1.3	18
214	Role of STIM1 in Regulation of Store-Operated Ca2+ Influx in Pheochromocytoma Cells. Cellular and Molecular Neurobiology, 2009, 29, 193-202.	1.7	11
215	Case series: anesthetic management of patients with spinal and bulbar muscular atrophy (Kennedyâ€™s) Tj ETQq1 1 0.784314 rgBT /	0.7	11
216	Î³-Aminobutryic Acid. Anesthesiology, 2009, 110, 696-697.	1.3	3

#	Article	IF	Citations
217	Sarcoplasmic Reticulum Ca2+ Reuptake and Airway Smooth Muscle Inflammation. FASEB Journal, 2009, 23, 622.2.	0.2	0
218	Na+/Ca2+ Exchange and Airway Smooth Muscle Inflammation. FASEB Journal, 2009, 23, 622.3.	0.2	0
219	Estrogen modulation of intracellular Ca2+ in airway smooth muscle inflammation. FASEB Journal, 2009, 23, 622.7.	0.2	0
220	Caveolae and neurotrophins in pulmonary artery smooth muscle. FASEB Journal, 2009, 23, 769.6.	0.2	0
221	Effect of Hydrogen Sulfide on [Ca2+]i Regulation in Airway Smooth Muscle. FASEB Journal, 2009, 23, 622.5.	0.2	1
222	Neurotrophins in pulmonary artery smooth muscle. FASEB Journal, 2009, 23, 769.5.	0.2	0
223	Mechanisms Underlying Mechanical Dysfunction After Rewarming From Hypothermia. FASEB Journal, 2009, 23, 953.14.	0.2	0
224	Role of Mitochondria in SR Calcium Buffering in Human Airway Smooth Muscle. FASEB Journal, 2009, 23, 622.4.	0.2	0
225	Changes in cardiovascular Î²-adrenoceptor responses during hypothermia. Cryobiology, 2008, 57, 246-250.	0.3	61
226	Regulation of sarcoplasmic reticulum Ca²⁺reuptake in porcine airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 294, L787-L796.	1.3	28
227	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
228	Estrogens modulate intracellular Ca 2+ in human airway smooth muscle. FASEB Journal, 2008, 22, 764.16.	0.2	0
229	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
230	Role of STIM1 in Regulation of Storeâ€Operated Ca 2+ Entry in PC12 cells. FASEB Journal, 2008, 22, 1181.1.	0.2	0
231	STIM1 regulates store operated calcium entry (SOCE) in human airway smooth muscle. FASEB Journal, 2008, 22, 1213.3.	0.2	0
232	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
233	Effect of denervation on ATP consumption rate of diaphragm muscle fibers. Journal of Applied Physiology, 2007, 103, 858-866.	1.2	13
234	The physiologic response to isoproterenol during hypothermia and rewarming. FASEB Journal, 2007, 21, A1256.	0.2	0

#	Article	IF	Citations
235	Effects of epinephrine and superoxide disumutase on cardiac myocyte function during rewarming following hypothermia. FASEB Journal, 2007, 21, A582.	0.2	0
236	Altered cardiac mitochondrial Ca ²⁺ regulation during rewarming following hypothermia. FASEB Journal, 2007, 21, A582.	0.2	0
237	Agonist-induced cyclic ADP ribose production in airway smooth muscle. Archives of Biochemistry and Biophysics, 2006, 452, 102-107.	1.4	13
238	Store-operated Ca2+Influx in Airway Smooth Muscle. Anesthesiology, 2006, 105, 976-983.	1.3	31
239	Cyclic nucleotide regulation of store-operated Ca2+ influx in airway smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 290, L278-L283.	1.3	43
240	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
241	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
242	Aberrant right common carotid artery: a diagnostic challenge on transesophageal echocardiography. International Journal of Cardiovascular Imaging, 2004, 20, 217-220.	0.7	2
243	Effects of Volatile Anesthetics on Store-operated Ca2+Influx in Airway Smooth Muscle. Anesthesiology, 2004, 101, 373-380.	1.3	33
244	Pkd2 haploinsufficiency alters intracellular calcium regulation in vascular smooth muscle cells. Human Molecular Genetics, 2003, 12, 1875-1880.	1.4	156
245	Relative Influence of Organic Manures in Combination with Chemical Fertilizer in Improving Rice Productivity of Lateritic Soil. Agroecology and Sustainable Food Systems, 2003, 23, 77-87.	0.9	11
246	Changes in actomyosin ATP consumption rate in rat diaphragm muscle fibers during postnatal development. Journal of Applied Physiology, 2003, 94, 1896-1902.	1.2	22
247	Relative efficacy of organic manures on rice production in lateritic soil. Soil Use and Management, 2003, 19, 80-82.	2.6	0
248	Mechanisms Underlying Greater Sensitivity of Neonatal Cardiac Muscle to Volatile Anesthetics. Anesthesiology, 2002, 96, 893-906.	1.3	26
249	Volatile Anesthetics and Regulation of Cardiac Na⁺/Ca²⁺ Exchange in Neonates versus Adults. Annals of the New York Academy of Sciences, 2002, 976, 530-534.	1.8	5
250	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
251	Nitric oxide affects sarcoplasmic calcium release in skeletal myotubes. Journal of Applied Physiology, 2001, 91, 2117-2124.	1.2	21
252	Temporal aspects of excitation-contraction coupling in airway smooth muscle. Journal of Applied Physiology, 2001, 91, 2266-2274.	1.2	27

#	Article	IF	Citations
253	Effects of Halothane on Sarcoplasmic Reticulum Calcium Release Channels in Porcine Airway Smooth Muscle Cells. Anesthesiology, 2001, 95, 207-215.	1.3	23
254	Volatile anaesthetic effects on Na + â€Ca 2+ exchange in rat cardiac myocytes. Journal of Physiology, 2001, 532, 91-104.	1.3	15
255	Comparison of Volatile Anesthetic Effects on Actinâ€“Myosin Cross-bridge Cycling in Neonatal versusÂ Adult Cardiac Muscle. Anesthesiology, 2000, 92, 1114-1125.	1.3	25
256	Spatial and temporal aspects of ACh-induced [Ca2+]ioscillations in porcine tracheal smooth muscle. Cell Calcium, 2000, 27, 153-162.	1.1	55
257	cADP ribose and [Ca²⁺]_iregulation in rat cardiac myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H1482-H1489.	1.5	22
258	Regional differences in serotonergic input to canine parasternal intercostal motoneurons. Journal of Applied Physiology, 2000, 88, 1581-1589.	1.2	16
259	Phrenic motoneuron morphology during rapid diaphragm muscle growth. Journal of Applied Physiology, 2000, 89, 563-572.	1.2	85
260	Subcellular localization of cyclic ADP-ribosyl cyclase and cyclic ADP-ribose hydrolase activities in porcine airway smooth muscle. Biochimica Et Biophysica Acta - Molecular Cell Research, 2000, 1498, 64-71.	1.9	43
261	Effect of Î²-adrenoceptor activation on [Ca2+]i regulation in murine skeletal myotubes. American Journal of Physiology - Cell Physiology, 1999, 276, C1038-C1045.	2.1	54
262	Estrogen increases Ca2+efflux from female porcine coronary arterial smooth muscle. American Journal of Physiology - Heart and Circulatory Physiology, 1999, 276, H926-H934.	1.5	37
263	Effect of halothane on intracellular calcium oscillations in porcine tracheal smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 276, L81-L89.	1.3	12
264	Spatial and temporal aspects of calcium sparks in porcine tracheal smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1999, 277, L1018-L1025.	1.3	25
265	F-actin stabilization increases tension cost during contraction of permeabilized airway smooth muscle in dogs. Journal of Physiology, 1999, 519, 527-538.	1.3	64
266	Comparison of cross-bridge cycling kinetics in neonatal vs. adult rat ventricular muscle. Journal of Muscle Research and Cell Motility, 1999, 20, 717-723.	0.9	15
267	Inactivity-induced remodeling of neuromuscular junctions in rat diaphragmatic muscle. , 1999, 22, 307-319.		85
268	[17] Volume measurements in confocal microscopy. Methods in Enzymology, 1999, 307, 296-315.	0.4	29
269	Inactivity-induced remodeling of neuromuscular junctions in rat diaphragmatic muscle. , 1999, 22, 307.		1
270	Age-related remodeling of neuromuscular junctions on type-identified diaphragm fibers. , 1998, 21, 887-895.		102

#	Article	IF	Citations
271	Cross-bridge cycling kinetics, actomyosin ATPase activity and myosin heavy chain isoforms in skeletal and smooth respiratory muscles. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 119, 435-450.	0.7	68
272	Isotonic contractile and fatigue properties of developing rat diaphragm muscle. Journal of Applied Physiology, 1998, 84, 1260-1268.	1.2	46
273	Role of cyclic ADP-ribose in the regulation of [Ca²⁺]_i in porcine tracheal smooth muscle. American Journal of Physiology - Cell Physiology, 1998, 274, C1653-C1660.	2.1	129
274	Cervical Dorsal Rhizotomy Enhances Serotonergic Innervation of Phrenic Motoneurons and Serotonin-Dependent Long-Term Facilitation of Respiratory Motor Output in Rats. Journal of Neuroscience, 1998, 18, 8436-8443.	1.7	114
275	Heterogeneity in dynamic regulation of intracellular calcium in airway smooth muscle cells. Canadian Journal of Physiology and Pharmacology, 1997, 75, 878-888.	0.7	64
276	Cross-bridge kinetics in respiratory muscles. European Respiratory Journal, 1997, 10, 2147-2158.	3.1	58
277	Effects of salbutamol on intracellular calcium oscillations in porcine airway smooth muscle. Journal of Applied Physiology, 1997, 82, 1836-1843.	1.2	25
278	Metabolic and phenotypic adaptations of diaphragm muscle fibers with inactivation. Journal of Applied Physiology, 1997, 82, 1145-1153.	1.2	87
279	Nitric oxide inhibits ACh-induced intracellular calcium oscillations in porcine tracheal smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1997, 272, L588-L596.	1.3	14
280	Regulation of intracellular calcium oscillations in porcine tracheal smooth muscle cells. American Journal of Physiology - Cell Physiology, 1997, 272, C966-C975.	2.1	131
281	Corticosteroid effects on isotonic contractile properties of rat diaphragm muscle. Journal of Applied Physiology, 1997, 83, 1062-1067.	1.2	43
282	Nitric oxide inhibits calcium release from sarcoplasmic reticulum of porcine tracheal smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1997, 272, L1-L7.	1.3	33
283	Role of ryanodine receptor channels in Ca2+ oscillations of porcine tracheal smooth muscle. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1997, 272, L659-L664.	1.3	76
284	Heterogeneity in dynamic regulation of intracellular calcium in airway smooth muscle cells. Canadian Journal of Physiology and Pharmacology, 1997, 75, 878-88.	0.7	15
285	Alterations of diaphragm neuromuscular junctions with hypothyroidism. Journal of Applied Physiology, 1996, 81, 1240-1248.	1.2	21
286	Cyclic ADP-ribose stimulates sarcoplasmic reticulum calcium release in porcine coronary artery smooth muscle. American Journal of Physiology - Heart and Circulatory Physiology, 1996, 270, H801-H806.	1.5	34
287	Myosin phenotype and SDH enzyme variability among motor unit fibers. Journal of Applied Physiology, 1996, 80, 2179-2189.	1.2	76
288	Morphology of diaphragm neuromuscular junctions on different fibre types. Journal of Neurocytology, 1996, 25, 88-100.	1.6	65

#	Article	IF	Citations
289	Growth-related alterations in motor endplates of type-identified diaphragm muscle fibres. Journal of Neurocytology, 1995, 24, 225-235.	1.6	20
290	SDH and actomyosin ATPase activities of different fiber types in rat diaphragm muscle. Journal of Applied Physiology, 1995, 79, 1629-1639.	1.2	100
291	Myoneural interactions affect diaphragm muscle adaptations to inactivity. Journal of Applied Physiology, 1995, 79, 1640-1649.	1.2	119
292	Changes in satellite cell mitotic activity during acute period of unilateral diaphragm denervation. Journal of Applied Physiology, 1994, 77, 1128-1134.	1.2	37
293	Application of the Cavalieri Principle in Volume Estimation Using Laser Confocal Microscopy. NeuroImage, 1994, 1, 325-333.	2.1	67
294	Measurements of Motoneuron Somal Volumes Using Laser Confocal Microscopy: Comparisons with Shape-Based Stereological Estimations. NeuroImage, 1993, 1, 95-107.	2.1	44
295	Effects of prenatal undernutrition on developing rat diaphragm. Journal of Applied Physiology, 1993, 75, 1044-1052.	1.2	81
296	Type I procollagen production and cell proliferation is mediated by transforming growth factor-beta in a model of hepatic fibrosis. , 0, .		11