Charles E Norton

List of Publications by Year
in descending order

16	278	1039880 9	1058333 14
papers	citations	h-index	g-index

16	16	16	341
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chronic hypoxia augments depolarization-induced Ca²⁺sensitization in pulmonary vascular smooth muscle through superoxide-dependent stimulation of RhoA. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L232-L242.	1.3	60
2	Barium chloride injures myofibers through calcium-induced proteolysis with fragmentation of motor nerves and microvessels. Skeletal Muscle, 2019, 9, 27.	1.9	49
3	Enhanced Depolarization-Induced Pulmonary Vasoconstriction Following Chronic Hypoxia Requires EGFR-Dependent Activation of NAD(P)H Oxidase 2. Antioxidants and Redox Signaling, 2013, 18, 1777-1788.	2.5	42
4	Calcitonin gene-related peptide hyperpolarizes mouse pulmonary artery endothelial tubes through K_{ATP} channel activation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L212-L226.	1.3	18
5	Intermittent Hypoxia Augments Pulmonary Vasoconstrictor Reactivity through PKCÎ²/Mitochondrial Oxidant Signaling. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 732-746.	1.4	17
6	Augmented Pulmonary Vasoconstrictor Reactivity after Chronic Hypoxia Requires Src Kinase and Epidermal Growth Factor Receptor Signaling. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 61-73.	1.4	15
7	Female sex and Western-style diet protect mouse resistance arteries during acute oxidative stress. American Journal of Physiology - Cell Physiology, 2020, 318, C627-C639.	2.1	14
8	Advanced age protects resistance arteries of mouse skeletal muscle from oxidative stress through attenuating apoptosis induced by hydrogen peroxide. Journal of Physiology, 2019, 597, 3801-3816.	1.3	13
9	Apoptosis in resistance arteries induced by hydrogen peroxide: greater resilience of endothelium versus smooth muscle. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1625-H1633.	1.5	12
10	Role of perivascular nerve and sensory neurotransmitter dysfunction in inflammatory bowel disease. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 320, H1887-H1902.	1.5	10
11	Differential hyperpolarization to substance P and calcitonin geneâ€related peptide in smooth muscle versus endothelium of mouse mesenteric artery. Microcirculation, 2021, 28, e12733.	1.0	8
12	Myofibre injury induces capillary disruption and regeneration of disorganized microvascular networks. Journal of Physiology, 2022, 600, 41-60.	1.3	7
13	Altered Lipid Domains Facilitate Enhanced Pulmonary Vasoconstriction after Chronic Hypoxia. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 709-718.	1.4	6
14	Endothelial cells promote smooth muscle cell resilience to H₂O₂â€induced cell death in mouse cerebral arteries. Acta Physiologica, 2022, 235, e13819.	1.8	6
15	Membrane depolarization is required for pressure-dependent pulmonary arterial tone but not enhanced vasoconstriction to endothelin-1 following chronic hypoxia. Pulmonary Circulation, 2020, 10, 204589402097355.	0.8	1
16	Protective Effects of Diet and Sex on Cell Death and Intracellular Calcium in Resistance Arteries during Oxidative Stress. FASEB Journal, 2018, 32, 845.3.	0.2	0