

Charles E Norton

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

163
citations

6
h-index

12
g-index

16
ext. papers

220
ext. citations

4.7
avg, IF

3.2
L-index

#	Paper	IF	Citations
15	Chronic hypoxia augments depolarization-induced Ca ²⁺ sensitization in pulmonary vascular smooth muscle through superoxide-dependent stimulation of RhoA. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010 , 298, L232-42	5.8	58
14	Enhanced depolarization-induced pulmonary vasoconstriction following chronic hypoxia requires EGFR-dependent activation of NAD(P)H oxidase 2. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1777-88	8.4	34
13	Barium chloride injures myofibers through calcium-induced proteolysis with fragmentation of motor nerves and microvessels. <i>Skeletal Muscle</i> , 2019 , 9, 27	5.1	22
12	Calcitonin gene-related peptide hyperpolarizes mouse pulmonary artery endothelial tubes through K channel activation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 315, L212-L226	5.8	11
11	Advanced age protects resistance arteries of mouse skeletal muscle from oxidative stress through attenuating apoptosis induced by hydrogen peroxide. <i>Journal of Physiology</i> , 2019 , 597, 3801-3816	3.9	8
10	Female sex and Western-style diet protect mouse resistance arteries during acute oxidative stress. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 318, C627-C639	5.4	7
9	Augmented Pulmonary Vasoconstrictor Reactivity after Chronic Hypoxia Requires Src Kinase and Epidermal Growth Factor Receptor Signaling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 61-73	5.7	6
8	Intermittent Hypoxia Augments Pulmonary Vasoconstrictor Reactivity through PKC β /Mitochondrial Oxidant Signaling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 732-746	5.7	5
7	Apoptosis in resistance arteries induced by hydrogen peroxide: greater resilience of endothelium versus smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H1625-H1633	5.2	5
6	Altered Lipid Domains Facilitate Enhanced Pulmonary Vasoconstriction after Chronic Hypoxia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 62, 709-718	5.7	3
5	Differential hyperpolarization to substance P and calcitonin gene-related peptide in smooth muscle versus endothelium of mouse mesenteric artery. <i>Microcirculation</i> , 2021 , 28, e12733	2.9	2
4	Role of perivascular nerve and sensory neurotransmitter dysfunction in inflammatory bowel disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 320, H1887-H1902	5.2	2
3	Protective Effects of Diet and Sex on Cell Death and Intracellular Calcium in Resistance Arteries during Oxidative Stress. <i>FASEB Journal</i> , 2018 , 32, 845.3	0.9	
2	Membrane depolarization is required for pressure-dependent pulmonary arterial tone but not enhanced vasoconstriction to endothelin-1 following chronic hypoxia. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020973559	2.7	
1	Endothelial cells promote smooth muscle cell resilience to H ₂ O ₂ -induced cell death in mouse cerebral arteries.. <i>Acta Physiologica</i> , 2022 , e13819	5.6	