

William E Hughes

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

338
citations

933264

10
h-index

887953

17
g-index

35
all docs

35
docs citations

35
times ranked

659
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular autophagy in health and disease. <i>Basic Research in Cardiology</i> , 2020, 115, 41.	2.5	58
2	Workplace Strategies to Prevent Sitting-induced Endothelial Dysfunction. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 801-808.	0.2	42
3	Effects of acute dietary nitrate supplementation on aortic blood pressure and aortic augmentation index in young and older adults. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 59, 21-27.	1.2	35
4	Inorganic nitrate supplementation attenuates peripheral chemoreflex sensitivity but does not improve cardiovagal baroreflex sensitivity in older adults. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H45-H51.	1.5	22
5	Inorganic nitrate supplementation enhances functional capacity and lower-limb microvascular reactivity in patients with peripheral artery disease. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 80, 45-51.	1.2	20
6	Eight weeks of nitrate supplementation improves blood flow and reduces the exaggerated pressor response during forearm exercise in peripheral artery disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H101-H108.	1.5	16
7	Critical Interaction Between Telomerase and Autophagy in Mediating Flow-Induced Human Arteriolar Vasodilation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 446-457.	1.1	14
8	Evidence of a greater functional sympatholysis in habitually aerobic trained postmenopausal women. <i>Journal of Applied Physiology</i> , 2018, 124, 583-591.	1.2	12
9	Greater $\hat{I}_{\pm 1}$ -adrenergic-mediated vasoconstriction in contracting skeletal muscle of patients with type 2 diabetes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H797-H807.	1.5	12
10	Autophagy, TERT, and mitochondrial dysfunction in hyperoxia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H985-H1003.	1.5	11
11	Aortic Wave Reflection During Orthostatic Challenges: Influence of Body Position and Venous Pooling. <i>American Journal of Hypertension</i> , 2017, 30, 166-172.	1.0	10
12	Mechanistic insights into the modulatory role of the mechanoreflex on central hemodynamics using passive leg movement in humans. <i>Journal of Applied Physiology</i> , 2018, 125, 545-552.	1.2	10
13	Aging-Induced Impairment of Vascular Function: Mitochondrial Redox Contributions and Physiological/Clinical Implications. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 974-1015.	2.5	10
14	Sympathetic nervous system activation reduces contraction-induced rapid vasodilation in the leg of humans independent of age. <i>Journal of Applied Physiology</i> , 2017, 123, 106-115.	1.2	8
15	Age-Associated Differences in Central Artery Responsiveness to Sympathoexcitatory Stimuli. <i>American Journal of Hypertension</i> , 2019, 32, 564-569.	1.0	8
16	Dietary nitrate does not acutely enhance skeletal muscle blood flow and vasodilation in the lower limbs of older adults during single-limb exercise. <i>European Journal of Applied Physiology</i> , 2020, 120, 1357-1369.	1.2	6
17	Dietary Inorganic Nitrate/Nitrite Supplementation Reduces Central and Peripheral Blood Pressure in Patients With Type 2 Diabetes Mellitus. <i>American Journal of Hypertension</i> , 2022, 35, 803-809.	1.0	6
18	Vasoconstrictor responsiveness in contracting human muscle: influence of contraction frequency, contractile work, and metabolic rate. <i>European Journal of Applied Physiology</i> , 2017, 117, 1697-1706.	1.2	5

#	ARTICLE	IF	CITATIONS
19	Vascular autophagy in physiology and pathology. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H183-H185.	1.5	5
20	Modulation of p66Shc impairs cerebrovascular myogenic tone in low renin but not low nitric oxide models of systemic hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H1096-H1102.	1.5	5
21	Impaired modulation of postjunctional $\hat{I}_{\pm 1}$ but not $\hat{I}_{\pm 2}$ adrenergic vasoconstriction in contracting forearm muscle of postmenopausal women. Journal of Physiology, 2018, 596, 2507-2519.	1.3	4
22	Glycemic management is inversely related to skeletal muscle microvascular endothelial function in patients with type 2 diabetes. Physiological Reports, 2021, 9, e14764.	0.7	4
23	Age-associated impairments in contraction-induced rapid-onset vasodilatation within the forearm are independent of mechanical factors. Experimental Physiology, 2018, 103, 728-737.	0.9	3
24	Habitual exercise training in older adults offsets the age-related prolongation in leg vasodilator kinetics during single-limb lower body exercise. Journal of Applied Physiology, 2018, 125, 746-754.	1.2	3
25	Sodium nitrate supplementation improves blood pressure reactivity in patients with peripheral artery disease. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 710-714.	1.1	3
26	A "passive" movement into the future of assessing endothelial dysfunction?. Journal of Physiology, 2016, 594, 1525-1526.	1.3	2
27	Hypertension preserves the magnitude of microvascular flow-mediated dilation following transient elevation in intraluminal pressure. Physiological Reports, 2021, 9, e14507.	0.7	2
28	Greater $\hat{I}_{\pm 1}$ and $\hat{I}_{\pm 2}$ Adrenergic Mediated Vasoconstriction in Contracting Skeletal Muscle of Type 2 Diabetic Humans. FASEB Journal, 2019, 33, 696.19.	0.2	2
29	Signalling of vasodilatation across an exercise transient. Journal of Physiology, 2018, 596, 559-560.	1.3	0
30	Type 2 Diabetes Mellitus and Ex Vivo High Glucose Exposure Induce a Switch in the Mechanism of Microvascular Dilation That is Rescued by Activation of Autophagy. FASEB Journal, 2021, 35, .	0.2	0
31	Effects of Acute Dietary Nitrate Supplementation on Aortic Blood Pressure and Wave Reflection in Young and Older Adults. FASEB Journal, 2015, 29, 950.8.	0.2	0
32	Rapid Onset Vasodilation is Blunted with Aging: Evidence for Limb Specificity?. FASEB Journal, 2015, 29, 675.12.	0.2	0
33	Prolonged Leg Vasodilator Kinetics across an Exercise Transient in Older Adults. FASEB Journal, 2018, 32, 726.8.	0.2	0
34	Integrative Effects of Autophagy and Telomerase on Arteriolar Flow-Mediated Dilation in Health and Coronary Artery Disease. FASEB Journal, 2019, 33, 684.2.	0.2	0
35	Age-Associated Differences in Central Artery Responsiveness to Sympathoexcitation: Influence of Blood Pressure. FASEB Journal, 2019, 33, 838.17.	0.2	0