

Brett J Wong

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,924
citations

257450

24
h-index

254184

43
g-index

78
all docs

78
docs citations

78
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased nitric oxide- and axon reflex-mediated cutaneous vasodilation with age during local heating. <i>Journal of Applied Physiology</i> , 2002, 93, 1644-1649.	2.5	231
2	Nitric oxide synthase inhibition does not alter the reactive hyperemic response in the cutaneous circulation. <i>Journal of Applied Physiology</i> , 2003, 95, 504-510.	2.5	146
3	Nitric oxide and attenuated reflex cutaneous vasodilation in aged skin. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H1662-H1667.	3.2	123
4	Changes in the control of skin blood flow with exercise training: where do cutaneous vascular adaptations fit in?. <i>Experimental Physiology</i> , 2011, 96, 822-828.	2.0	102
5	Transient receptor potential vanilloid type-1 (TRPV-1) channels contribute to cutaneous thermal hyperaemia in humans. <i>Journal of Physiology</i> , 2010, 588, 4317-4326.	2.9	101
6	Nitric oxide and noradrenaline contribute to the temperature threshold of the axon reflex response to gradual local heating in human skin. <i>Journal of Physiology</i> , 2006, 572, 811-820.	2.9	100
7	H1 but not H2 histamine receptor activation contributes to the rise in skin blood flow during whole body heating in humans. <i>Journal of Physiology</i> , 2004, 560, 941-948.	2.9	89
8	Increased brachial artery retrograde shear rate at exercise onset is abolished during prolonged cycling: role of thermoregulatory vasodilation. <i>Journal of Applied Physiology</i> , 2011, 110, 389-397.	2.5	80
9	Neurokinin-1 receptor desensitization attenuates cutaneous active vasodilatation in humans. <i>Journal of Physiology</i> , 2006, 577, 1043-1051.	2.9	67
10	Mechanisms of vasoactive intestinal peptide-mediated vasodilation in human skin. <i>Journal of Applied Physiology</i> , 2004, 97, 1291-1298.	2.5	61
11	Endothelial nitric oxide synthase mediates the nitric oxide component of reflex cutaneous vasodilatation during dynamic exercise in humans. <i>Journal of Physiology</i> , 2014, 592, 5317-5326.	2.9	59
12	Current concepts of active vasodilation in human skin. <i>Temperature</i> , 2017, 4, 41-59.	3.0	54
13	Nitric oxide is not permissive for cutaneous active vasodilatation in humans. <i>Journal of Physiology</i> , 2003, 548, 963-969.	2.9	54
14	Counterpoint: Investigators should not control for menstrual cycle phase when performing studies of vascular control that include women. <i>Journal of Applied Physiology</i> , 2020, 129, 1117-1119.	2.5	50
15	Heat therapy promotes the expression of angiogenic regulators in human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R377-R391.	1.8	45
16	Adenosine receptor inhibition with theophylline attenuates the skin blood flow response to local heating in humans. <i>Experimental Physiology</i> , 2010, 95, 946-954.	2.0	44
17	Transient receptor potential vanilloid type 1 channels contribute to reflex cutaneous vasodilation in humans. <i>Journal of Applied Physiology</i> , 2012, 112, 2037-2042.	2.5	41
18	Thermotherapy reduces blood pressure and circulating endothelin-1 concentration and enhances leg blood flow in patients with symptomatic peripheral artery disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R392-R400.	1.8	38

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19	Short-term dietary nitrate supplementation augments cutaneous vasodilatation and reduces mean arterial pressure in healthy humans. <i>Microvascular Research</i> , 2015, 98, 48-53.	2.5	36
20	Neurokinin-1 receptor desensitization to consecutive microdialysis infusions of substance P in human skin. <i>Journal of Physiology</i> , 2005, 568, 1047-1056.	2.9	34
21	Sensory nerves and nitric oxide contribute to reflex cutaneous vasodilation in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R651-R656.	1.8	31
22	Vasoactive intestinal peptide fragment VIP10-28 and active vasodilation in human skin. <i>Journal of Applied Physiology</i> , 2005, 99, 2294-2301.	2.5	28
23	Altered thermal hyperaemia in human skin by prior desensitization of neurokinin-1 receptors. <i>Experimental Physiology</i> , 2011, 96, 599-609.	2.0	28
24	Minimal role for H ₁ and H ₂ histamine receptors in cutaneous thermal hyperemia to local heating in humans. <i>Journal of Applied Physiology</i> , 2006, 100, 535-540.	2.5	24
25	Anterograde and retrograde blood velocity profiles in the intact human cardiovascular system. <i>Experimental Physiology</i> , 2012, 97, 849-860.	2.0	22
26	Augmented reflex cutaneous vasodilatation following short-term dietary nitrate supplementation in humans. <i>Experimental Physiology</i> , 2015, 100, 708-718.	2.0	22
27	Reactive hyperemia as a test of endothelial or microvascular function?. <i>Journal of the American College of Cardiology</i> , 2004, 43, 2147.	2.8	21
28	Influence of exercise intensity on respiratory muscle fatigue and brachial artery blood flow during cycling exercise. <i>European Journal of Applied Physiology</i> , 2014, 114, 1767-1777.	2.5	20
29	No direct role for A ₁ /A ₂ adenosine receptor activation to reflex cutaneous vasodilatation during whole-body heat stress in humans. <i>Acta Physiologica</i> , 2012, 205, 403-410.	3.8	18
30	Berry-Derived Polyphenols in Cardiovascular Pathologies: Mechanisms of Disease and the Role of Diet and Sex. <i>Nutrients</i> , 2021, 13, 387.	4.1	16
31	Very low frequency blood pressure variability is modulated by myogenic vascular function and is reduced in stroke-prone rats. <i>Journal of Hypertension</i> , 2008, 26, 1127-1137.	0.5	11
32	Berries and Their Polyphenols as a Potential Therapy for Coronary Microvascular Dysfunction: A Mini-Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3373.	4.1	11
33	Urinary F ₂ -isoprostanes and the risk of hypertension. <i>Annals of Epidemiology</i> , 2017, 27, 391-396.	1.9	10
34	No effect of systemic isocapnic hypoxia on α -adrenergic vasoconstrictor responsiveness in human skin. <i>Acta Physiologica</i> , 2011, 201, 339-347.	3.8	9
35	Sensory nerve-mediated and nitric oxide-dependent cutaneous vasodilation in normotensive and prehypertensive non-Hispanic blacks and whites. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H271-H281.	3.2	9
36	Female Sex Hormone Effects on the Vasculature: Considering the Validity of Restricting Study Inclusion to Low-Hormone Phases. <i>Frontiers in Physiology</i> , 2020, 11, 596507.	2.8	9

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37	Inhibition of iNOS augments cutaneous endothelial NO-dependent vasodilation in prehypertensive non-Hispanic Whites and in non-Hispanic Blacks. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H190-H199.	3.2	8
38	Cutaneous reactive hyperaemia is unaltered by dietary nitrate supplementation in healthy humans. <i>Clinical Physiology and Functional Imaging</i> , 2018, 38, 772-778.	1.2	7
39	Leg heat therapy improves perceived physical function but does not enhance walking capacity or vascular function in patients with peripheral artery disease. <i>Journal of Applied Physiology</i> , 2020, 129, 1279-1289.	2.5	7
40	Last Word on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control that include women. <i>Journal of Applied Physiology</i> , 2020, 129, 1138-1139.	2.5	7
41	Cutaneous sensory nerve-mediated microvascular vasodilation in normotensive and prehypertensive non-Hispanic Blacks and Whites. <i>Physiological Reports</i> , 2020, 8, e14437.	1.7	7
42	Myogenic origin of the hypotension induced by rapid changes in posture in awake dogs following autonomic blockade. <i>Journal of Applied Physiology</i> , 2008, 105, 1837-1844.	2.5	6
43	Does limb angular motion raise limb arterial pressure?. <i>Acta Physiologica</i> , 2009, 195, 367-374.	3.8	6
44	Commentary on Viewpoint: The human cutaneous circulation as a model of generalized microvascular function. <i>Journal of Applied Physiology</i> , 2008, 105, 376-376.	2.5	4
45	Systemic F2-Isoprostane Levels in Predisposition to Obesity and Type 2 Diabetes: Emphasis on Racial Differences. <i>Diversity and Equality in Health and Care</i> , 2017, 14, 91-101.	0.2	4
46	Rebuttal to Drs. Wenner and Stachenfeld. <i>Journal of Applied Physiology</i> , 2020, 129, 1121-1121.	2.5	4
47	Nitric oxide is not permissive for cutaneous active vasodilatation in humans. <i>Journal of Physiology</i> , 2003, 548, 963-969.	2.9	4
48	Thermoregulatory Vasodilation During Prolonged Cycling Abolishes Increases In Brachial Artery Retrograde Shear Rate At Exercise Onset. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 39.	0.4	4
49	Commentaries on Viewpoint: Pick your Poiseuille: Normalizing the shear stimulus in studies of flow-mediated dilation. <i>Journal of Applied Physiology</i> , 2009, 107, 1360-1365.	2.5	3
50	Acute Thermotherapy Prevents Impairments in Cutaneous Microvascular Function Induced by a High Fat Meal. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-11.	2.3	3
51	Role of splanchnic constriction in governing the hemodynamic responses to gravitational stress in conscious dogs. <i>Journal of Applied Physiology</i> , 2011, 111, 40-47.	2.5	2
52	Dietary sodium and oxidative stress impair cutaneous microvascular function independent of blood pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H60-H62.	3.2	2
53	Commentary on Viewpoint: Is left ventricular volume during diastasis the real equilibrium volume, and what is the relationship to diastolic suction?. <i>Journal of Applied Physiology</i> , 2008, 105, 1017-1017.	2.5	1
54	Contribution of Hindlimb Myogenic Reactions to Push-Pull Gravitational Stress in Conscious Dogs. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, S325.	0.4	1

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55	Variation In Near-infrared Spectroscopy And Cutaneous And Intramuscular Laser Doppler Results During Ischemia And Post-occlusive Reactive Hyperemia. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 54.	0.4	0
56	Ibuprofen Alters Initial Hyperemic Response Within Skeletal Muscle, But Not Cutaneous, Microvasculature During Post-occlusive Reactive Hyperemia. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 156.	0.4	0
57	Inhibition of Transient Receptor Potential Vanilloid Type-4 (TRPV-4) Channels Attenuates Cutaneous Thermal Hyperemia in Humans. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 645.	0.4	0
58	Prospective Association Between Oxidative Status and Hypertension. <i>Annals of Epidemiology</i> , 2015, 25, 706.	1.9	0
59	Which comes first in human temperature regulation: the physiological or the behavioural response?. <i>Experimental Physiology</i> , 2016, 101, 1191-1191.	2.0	0
60	Endotheliumâ€Independent, but Not Endotheliumâ€Dependent, Human Microvascular Vasodilation Differs Between Young, Healthy Females and Males. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
61	Independent and Cumulative Effects of Superoxide and iNOS on Cutaneous NOâ€Dependent Vasodilation in Normotensive Nonâ€Hispanic Blacks and Whites. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
62	Impact of a somatostatin analog on vascular capacity in conscious dogs. <i>FASEB Journal</i> , 2007, 21, A949.	0.5	0
63	Muscle pump function of limb swing: limb angular motion augments limb arterial pressure. <i>FASEB Journal</i> , 2007, 21, A572.	0.5	0
64	Evidence for NKâ€1 Receptors in the Thermal Hyperemic Response in Human Skin. <i>FASEB Journal</i> , 2008, 22, .	0.5	0
65	TRPVâ€1 Channels Contribute to Cutaneous Active Vasodilation in Humans. <i>FASEB Journal</i> , 2011, 25, 1053.19.	0.5	0
66	BRACHIAL AND FEMORAL ARTERY BLOOD VELOCITY PROFILES ARE QUASIâ€PARABOLIC DURING PHYSIOLOGIC STRESS. <i>FASEB Journal</i> , 2011, 25, 1108.12.	0.5	0
67	The role of protein kinase G in the cutaneous vascular response to whole body heat stress in humans. <i>FASEB Journal</i> , 2011, 25, 1053.20.	0.5	0
68	eNOS and nNOS contribution to reflex cutaneous vasodilation during dynamic exercise in humans. <i>FASEB Journal</i> , 2012, 26, 1079.11.	0.5	0
69	Nitrate supplementation augments cutaneous reactive hyperemia in healthy humans. <i>FASEB Journal</i> , 2013, 27, .	0.5	0
70	Sensory Nerveâ€Mediated and Nitric Oxideâ€Dependent Vasodilation Is Reduced in Nonâ€Hispanic Blacks Compared to Nonâ€Hispanic Whites. <i>FASEB Journal</i> , 2019, 33, 696.7.	0.5	0
71	Reduced Sensory Nerve Function and Nitric Oxide Sensitivity in Nonâ€Hispanic Blacks Compared to Nonâ€Hispanic Whites. <i>FASEB Journal</i> , 2019, 33, 696.8.	0.5	0
72	Effect of iNOS on Cutaneous Thermal Hyperemia in Nonâ€Hispanic Blacks versus Nonâ€Hispanic Whites. <i>FASEB Journal</i> , 2019, 33, 696.5.	0.5	0

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73	Endothelialâ€Dependent, but not Endothelialâ€Independent, Vasodilation Is Reduced in Nonâ€Hispanic Blacks versus Nonâ€Hispanic Whites. FASEB Journal, 2020, 34, 1-1.	0.5	0
74	Effect of Physical Activity on Oxidative Stress and Endothelialâ€Dependent Cutaneous Microvascular Function in Nonâ€Hispanic Blacks: A Pilot Study. FASEB Journal, 2020, 34, 1-1.	0.5	0
75	The Effects of Exclusive Walking on Lipids and Lipoproteins in Women with Overweight and Obesity: A Systematic Review and Meta-Analysis. American Journal of Health Promotion, 2021, , 089011712110481.	1.7	0
76	A (heatâ€)sensitive matter: Microvascular function and preâ€eclampsia. Experimental Physiology, 2022, 107, 101-102.	2.0	0
77	Effect of Oral Contraceptive Phase on Mechanisms of Cutaneous Microvascular Function. FASEB Journal, 2022, 36, .	0.5	0
78	The Role of Endothelin Receptors on Sensory Nerve Mediated Dilation in Postmenopausal Women. FASEB Journal, 2022, 36, .	0.5	0