Tom G Bailey

List of Publications by Year
in descending order

54 papers	1,152 citations	430442 18 h-index	414034 32 g-index
54 all docs	54 docs citations	54 times ranked	1483 citing authors

#	Article	IF	Citations
1	Effect of Ischemic Preconditioning on Lactate Accumulation and Running Performance. Medicine and Science in Sports and Exercise, 2012, 44, 2084-2089.	0.2	133
2	Seven-Day Remote Ischemic Preconditioning Improves Local and Systemic Endothelial Function and Microcirculation in Healthy Humans. American Journal of Hypertension, 2014, 27, 918-925.	1.0	110
3	Remote ischemic preconditioning prevents reduction in brachial artery flow-mediated dilation after strenuous exercise. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 303, H533-H538.	1.5	86
4	Impact of eight weeks of repeated ischaemic preconditioning on brachial artery and cutaneous microcirculatory function in healthy males. European Journal of Preventive Cardiology, 2015, 22, 1083-1087.	0.8	59
5	Short-term and Long-term Feasibility, Safety, and Efficacy of High-Intensity Interval Training in Cardiac Rehabilitation. JAMA Cardiology, 2020, 5, 1382.	3.0	55
6	Omega-3 fatty acids decrease oxidative stress and inflammation in macrophages from patients with small abdominal aortic aneurysm. Scientific Reports, 2019, 9, 12978.	1.6	52
7	Cytokine Responses to Acute Exercise in Healthy Older Adults: The Effect of Cardiorespiratory Fitness. Frontiers in Physiology, 2018, 9, 203.	1.3	48
8	Reference Intervals for Brachial Artery Flow-Mediated Dilation and the Relation With Cardiovascular Risk Factors. Hypertension, 2021, 77, 1469-1480.	1.3	44
9	Repeated Warm Water Immersion Induces Similar Cerebrovascular Adaptations to 8 Weeks of Moderate-Intensity Exercise Training in Females. International Journal of Sports Medicine, 2016, 37, 757-765.	0.8	41
10	Exercise training reduces the frequency of menopausal hot flushes by improving thermoregulatory control. Menopause, 2016, 23, 708-718.	0.8	37
11	Acute Dietary Nitrate Supplementation Improves Flow Mediated Dilatation of the Superficial Femoral Artery in Healthy Older Males. Nutrients, 2019, 11, 954.	1.7	34
12	Effects of acute exercise on endothelial function in patients with abdominal aortic aneurysm. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H19-H30.	1.5	31
13	Effects of cardiorespiratory fitness and exercise training on cerebrovascular blood flow and reactivity: a systematic review with meta-analyses. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H59-H76.	1.5	31
14	Leg blood flow and skeletal muscle microvascular perfusion responses to submaximal exercise in peripheral arterial disease. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1425-H1433.	1.5	29
15	Cerebral Blood Flow during Interval and Continuous Exercise in Young and Old Men. Medicine and Science in Sports and Exercise, 2019, 51, 1523-1531.	0.2	27
16	Autonomic control of cerebral blood flow: fundamental comparisons between peripheral and cerebrovascular circulations in humans. Journal of Physiology, 2022, 600, 15-39.	1.3	25
17	Exercise training reduces the acute physiological severity of postâ€menopausal hot flushes. Journal of Physiology, 2016, 594, 657-667.	1.3	23
18	Cardiorespiratory fitness modulates the acute flow-mediated dilation response following high-intensity but not moderate-intensity exercise in elderly men. Journal of Applied Physiology, 2017, 122, 1238-1248.	1.2	23

#	Article	IF	Citations
19	A simple and effective method for the isolation and culture of human monocytes from small volumes of peripheral blood. Journal of Immunological Methods, 2019, 472, 75-78.	0.6	18
20	Acute Inflammatory Responses to Exercise in Patients with Abdominal Aortic Aneurysm. Medicine and Science in Sports and Exercise, 2018, 50, 649-658.	0.2	16
21	Effects of exercise intensity and cardiorespiratory fitness on the acute response of arterial stiffness to exercise in older adults. European Journal of Applied Physiology, 2018, 118, 1673-1688.	1.2	16
22	Participation in sports/recreational activities and incidence of hypertension, diabetes, and obesity in adults. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 2390-2398.	1.3	16
23	The Role of Exercise in Patients with Obesity and Hypertension. Current Hypertension Reports, 2020, 22, 77.	1.5	15
24	The effect of heat therapy on blood pressure and peripheral vascular function: A systematic review and metaâ€•analysis. Experimental Physiology, 2021, 106, 1317-1334.	0.9	14
25	Effect of menopause on cerebral artery blood flow velocity and cerebrovascular reactivity: Systematic review and meta-analysis. Maturitas, 2021, 148, 24-32.	1.0	14
26	Aortic and Systemic Arterial Stiffness Responses to Acute Exercise in Patients With Small Abdominal Aortic Aneurysms. European Journal of Vascular and Endovascular Surgery, 2019, 58, 708-718.	0.8	13
27	Does respiratory drive modify the cerebral vascular response to changes in endâ€•tidal carbon dioxide?. Experimental Physiology, 2019, 104, 1363-1370.	0.9	12
28	Effect of Highâ€•Intensity Interval Training on Visceral and Liver Fat in Cardiac Rehabilitation: A Randomized Controlled Trial. Obesity, 2020, 28, 1245-1253.	1.5	12
29	n-3 PUFAs improve erythrocyte fatty acid profile in patients with small AAA: a randomized controlled trial. Journal of Lipid Research, 2019, 60, 1154-1163.	2.0	11
30	The effect of age on cerebral blood flow responses during repeated and sustained stand to sit transitions. Physiological Reports, 2020, 8, e14421.	0.7	11
31	Comparison of high intensity interval training with standard cardiac rehabilitation on vascular function. Scandinavian Journal of Medicine and Science in Sports, 2021, , .	1.3	10
32	Cerebrovascular function and its association with systemic artery function and stiffness in older adults with and without mild cognitive impairment. European Journal of Applied Physiology, 2022, 122, 1843-1856.	1.2	10
33	The withinâ€•and betweenâ€•day reliability of cerebrovascular reactivity using traditional and novel analytical approaches. Experimental Physiology, 2022, 107, 29-41.	0.9	9
34	Is core temperature the trigger of a menopausal hot flush?. Menopause, 2019, 26, 1016-1023.	0.8	8
35	Commentaries on Point:Counterpoint: Investigators should/should not control for menstrual cycle phase when performing studies of vascular control. Journal of Applied Physiology, 2020, 129, 1122-1135.	1.2	8
36	Reliability of arterial stiffness indices at rest and following a single bout of moderateâ€•intensity exercise in older adults. Clinical Physiology and Functional Imaging, 2019, 39, 42-50.	0.5	7

#	Article	IF	Citations
37	Skeletal muscle microvascular perfusion responses to cuff occlusion and submaximal exercise assessed by contrastâ€enhanced ultrasound: The effect of age. Physiological Reports, 2020, 8, e14580.	0.7	7
38	Differences in cerebrovascular regulation and ventilatory responses during ramp incremental cycling in children, adolescents, and adults. Journal of Applied Physiology, 2021, 131, 1200-1210.	1.2	7
39	Thermoregulatory responses to combined moderate heat stress and hypoxia. Microcirculation, 2016, 23, 487-494.	1.0	6
40	Endotoxin Tolerance in Abdominal Aortic Aneurysm Macrophages, In Vitro: A Caseâ€“Control Study. Antioxidants, 2020, 9, 896.	2.2	5
41	Long Chain Omega-3 Polyunsaturated Fatty Acids Improve Vascular Stiffness in Abdominal Aortic Aneurysm: A Randomized Controlled Trial. Nutrients, 2021, 13, 138.	1.7	5
42	The effect of exercise intensity and cardiorespiratory fitness on the kinetic response of middle cerebral artery blood velocity during exercise in healthy adults. Journal of Applied Physiology, 2022, 133, 214-222.	1.2	4
43	The physiological and clinical importance of cardiorespiratory fitness in people with abdominal aortic aneurysm. Experimental Physiology, 2022, 107, 283-298.	0.9	3
44	The Interplay between Vascular Function and Sexual Health in Prostate Cancer: The Potential Benefits of Exercise Training. Medical Sciences (Basel, Switzerland), 2020, 8, 11.	1.3	2
45	Effects of fitness and fatness on ageâ€related arterial stiffening in people with type 2 diabetes. Clinical Obesity, 2022, , e12519.	1.1	2
46	The energy demands of portable gas analysis system carriage during walking and running. Ergonomics, 2013, 56, 1901-1907.	1.1	1
47	Commentaries on Viewpoint: Differential impact of shear rate in the cerebral and systemic circulation: implications for endothelial function. Journal of Applied Physiology, 2021, 130, 1155-1160.	1.2	1
48	Physical activity and menopausal symptoms in women who have received menopause-inducing cancer treatments: results from the Women's Wellness After Cancer Program. Menopause, 2021, 28, 142-149.	0.8	1
49	The effect of local repeated passive heating and handgrip exercise on reflex cutaneous vascular and sudomotor responses to whole-body heat stress. Extreme Physiology and Medicine, 2015, 4, .	2.5	0
50	To the Editor:. Menopause, 2017, 24, 118.	0.8	0
51	In Reply:. Menopause, 2017, 24, 118-120.	0.8	0
52	Determining the psychometric properties of the Greene Climacteric Scale (GCS) in women previously treated for breast cancer: A pooled analysis of data from the Women's Wellness after Cancer Programs. Maturitas, 2022, 161, 65-71.	1.0	0
53	Comparing the Effects of 30â€and 60â€min of Acute Wholeâ€Body Passive Heat Stress on Peripheral Vascular Function in Older Adults. FASEB Journal, 2022, 36, .	0.2	0
54	Intracranial Cerebrovascular Reactivity by Traditional and Novel Methods in Young, Middle, and Old Aged Healthy Males and Females. FASEB Journal, 2022, 36, .	0.2	0