

David A Low

List of Publications by Year in Descending Order

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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.

92
papers

2,042
citations

26
h-index

41
g-index

104
ext. papers

2,312
ext. citations

2.7
avg, IF

4.67
L-index

#	Paper	IF	Citations
92	The impact of age, sex, cardio-respiratory fitness, and cardiovascular disease risk on dynamic cerebral autoregulation and baroreflex sensitivity.. <i>European Journal of Applied Physiology</i> , 2022 , 1	3.4	0
91	Impact of green tea on the deleterious cardiometabolic effects of 7-days unhealthy lifestyle in young healthy males. <i>Physiological Reports</i> , 2021 , 9, e14720	2.6	0
90	Effects of three-exercise sessions in the heat on endurance cycling performance. <i>Journal of Thermal Biology</i> , 2021 , 98, 102925	2.9	
89	Changes in quadriceps femoris muscle perfusion following different degrees of cold-water immersion. <i>Journal of Applied Physiology</i> , 2020 , 128, 1392-1401	3.7	9
88	Historical reviews of the assessment of human cardiovascular function: interrogation and understanding of the control of skin blood flow. <i>European Journal of Applied Physiology</i> , 2020 , 120, 1-16	3.4	20
87	Cerebral and peripheral vascular differences between pre- and postmenopausal women. <i>Menopause</i> , 2020 , 27, 170-182	2.5	9
86	Passive heat therapy in sedentary humans increases skeletal muscle capillarization and eNOS content but not mitochondrial density or GLUT4 content. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H114-H123	5.2	26
85	Is core temperature the trigger of a menopausal hot flush?. <i>Menopause</i> , 2019 , 26, 1016-1023	2.5	4
84	Investigating the relationship between cardiac interoception and autonomic cardiac control using a predictive coding framework. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018 , 210, 65-71	2.4	31
83	Emotional orienting during interoceptive threat in orthostatic intolerance: Dysautonomic contributions to psychological symptomatology in the postural tachycardia syndrome and vasovagal syncope. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2018 , 212, 42-47	2.4	9
82	Acute black tea consumption improves cutaneous vascular function in healthy middle-aged humans. <i>Clinical Nutrition</i> , 2018 , 37, 242-249	5.9	7
81	Cardiovascular Responses During Resistance Exercise in Patients With Parkinson Disease. <i>PM and R</i> , 2018 , 10, 1145-1152	2.2	11
80	Influence of cold-water immersion on limb blood flow after resistance exercise. <i>European Journal of Sport Science</i> , 2017 , 17, 519-529	3.9	22
79	Cold Water Mediates Greater Reductions in Limb Blood Flow than Whole Body Cryotherapy. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1252-1260	1.2	30
78	Reproducibility of four frequently used local heating protocols to assess cutaneous microvascular function. <i>Microvascular Research</i> , 2017 , 112, 65-71	3.7	11
77	Additive effects of heating and exercise on baroreflex control of heart rate in healthy males. <i>Journal of Applied Physiology</i> , 2017 , 123, 1555-1562	3.7	6
76	In Reply. <i>Menopause</i> , 2017 , 24, 118-120	2.5	

75	Passive Heating Attenuates Post-exercise Cardiac Autonomic Recovery in Healthy Young Males. <i>Frontiers in Neuroscience</i> , 2017 , 11, 727	5.1	10
74	Orthostatic Hypotension and Orthostatic Intolerance 2016 , 1965-1984.e3		
73	Cardiovascular Responses to Exercise in Spinal Cord Injury 2016 , 105-126		0
72	Exercise training reduces the frequency of menopausal hot flashes by improving thermoregulatory control. <i>Menopause</i> , 2016 , 23, 708-18	2.5	23
71	Exercise training reduces the acute physiological severity of post-menopausal hot flashes. <i>Journal of Physiology</i> , 2016 , 594, 657-67	3.9	12
70	Thermoregulatory responses to combined moderate heat stress and hypoxia. <i>Microcirculation</i> , 2016 , 23, 487-494	2.9	6
69	Autonomic symptoms in hypertensive patients with post-acute minor ischemic stroke. <i>Clinical Neurology and Neurosurgery</i> , 2015 , 139, 188-91	2	3
68	Reproducibility of Cutaneous Vascular Conductance Responses to Slow Local Heating Assessed Using seven-Laser Array Probes. <i>Microcirculation</i> , 2015 , 22, 276-84	2.9	14
67	Supine & Orthostatic Orienting Responses & Interoception in Postural Tachycardia Syndrome (PoTS) & Autonomically (Neurally) Syncope (AMS): Insights into Brain-Body Integration. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015 , 192, 39-40	2.4	1
66	Abnormal cardiovascular sympathetic and parasympathetic responses to physical and emotional stimuli in depersonalization disorder. <i>Frontiers in Neuroscience</i> , 2015 , 9, 89	5.1	11
65	The effect of local repeated passive heating and handgrip exercise on reflex cutaneous vascular and sudomotor responses to whole-body heat stress. <i>Extreme Physiology and Medicine</i> , 2015 , 4,		78
64	Combined facial heating and inhalation of hot air do not alter thermoeffector responses in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R623-7	3.2	1
63	Exercise hemodynamics in Parkinson's disease and autonomic dysfunction. <i>Parkinsonism and Related Disorders</i> , 2014 , 20, 549-53	3.6	18
62	Sudomotor and cardiovascular dysfunction in patients with early untreated Parkinson's disease. <i>Journal of Parkinson's Disease</i> , 2014 , 4, 385-93	5.3	15
61	Haemodynamic responses to dehydration in the resting and exercising human leg. <i>European Journal of Applied Physiology</i> , 2013 , 113, 1499-509	3.4	9
60	Autonomic dysfunction: recognition, diagnosis, investigation, management, and autonomic neurorehabilitation. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2013 , 110, 239-53		3
59	Pure autonomic failure with cold induced sweating. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2013 , 176, 98-100	2.4	3
58	Skin temperature of the hand in multiple system atrophy and Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2013 , 19, 560-2	3.6	10

57	Abnormal gastric myoelectrical activity in postural tachycardia syndrome. <i>Clinical Autonomic Research</i> , 2013 , 23, 73-80	4.3	24
56	Twenty-four hour non-invasive ambulatory blood pressure and heart rate monitoring in Parkinson's disease. <i>Frontiers in Neurology</i> , 2013 , 4, 49	4.1	44
55	Influence of cold-water immersion on limb and cutaneous blood flow after exercise. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 2277-85	1.2	52
54	Autonomic dysfunction in parkinsonian disorders: assessment and pathophysiology. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 674-80	5.5	74
53	The cerebrovasculature: a smooth (muscle) operator?. <i>Journal of Physiology</i> , 2013 , 591, 4959-60	3.9	
52	L-DOPS and the treatment of neurogenic orthostatic hypotension. <i>Future Neurology</i> , 2013 , 8, 381-397	1.5	1
51	Investigation of autonomic disorders 2013 , 258-287		2
50	Autonomic disturbances in spinal cord lesions 2013 , 797-817		3
49	Exercise-induced hypotension in autonomic disorders. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012 , 171, 66-78	2.4	25
48	SCOPA-AUT scale in different parkinsonisms and its correlation with (123) I-MIBG cardiac scintigraphy. <i>Parkinsonism and Related Disorders</i> , 2012 , 18, 45-8	3.6	22
47	Autonomic Disturbances in Spinal Cord Injuries 2012 , 505-509		1
46	Postural tachycardia syndrome--current experience and concepts. <i>Nature Reviews Neurology</i> , 2011 , 8, 22-34	15	186
45	Cardiovascular autonomic dysfunction in MSA and Parkinson's disease: similarities and differences. <i>Journal of the Neurological Sciences</i> , 2011 , 310, 133-8	3.2	60
44	Mechanisms of cutaneous vasodilation during the postmenopausal hot flash. <i>Menopause</i> , 2011 , 18, 359-65		21
43	Skin surface cooling improves orthostatic tolerance following prolonged head-down bed rest. <i>Journal of Applied Physiology</i> , 2011 , 110, 1592-7	3.7	17
42	Dehydration reduces left ventricular filling at rest and during exercise independent of twist mechanics. <i>Journal of Applied Physiology</i> , 2011 , 111, 891-7	3.7	41
41	Effects of graded heat stress on global left ventricular function and twist mechanics at rest and during exercise in healthy humans. <i>Experimental Physiology</i> , 2011 , 96, 114-24	2.4	42
40	Muscle sympathetic responses during orthostasis in heat-stressed individuals. <i>Clinical Autonomic Research</i> , 2011 , 21, 381-7	4.3	16

39	Sympathetic nerve activity and whole body heat stress in humans. <i>Journal of Applied Physiology</i> , 2011 , 111, 1329-34	3.7	53
38	Hemodynamic responses to heat stress in the resting and exercising human leg: insight into the effect of temperature on skeletal muscle blood flow. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 300, R663-73	3.2	83
37	Heat stress attenuates the increase in arterial blood pressure during the cold pressor test. <i>Journal of Applied Physiology</i> , 2010 , 109, 1354-9	3.7	19
36	Cardiac troponin I is released following high-intensity short-duration exercise in healthy humans. <i>International Journal of Cardiology</i> , 2010 , 145, 337-339	3.2	70
35	Nitric oxide synthase inhibition attenuates cutaneous vasodilation during postmenopausal hot flash episodes. <i>Menopause</i> , 2010 , 17, 978-82	2.5	15
34	Skin blood flow and local temperature independently modify sweat rate during passive heat stress in humans. <i>Journal of Applied Physiology</i> , 2010 , 109, 1301-6	3.7	78
33	Effect of elevated local temperature on cutaneous vasoconstrictor responsiveness in humans. <i>Journal of Applied Physiology</i> , 2009 , 106, 571-5	3.7	23
32	Whole body heat stress attenuates baroreflex control of muscle sympathetic nerve activity during postexercise muscle ischemia. <i>Journal of Applied Physiology</i> , 2009 , 106, 1125-31	3.7	12
31	Dynamic cerebral autoregulation during passive heat stress in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R1598-605	3.2	38
30	Botulinum toxin abolishes sweating via impaired sweat gland responsiveness to exogenous acetylcholine. <i>British Journal of Dermatology</i> , 2009 , 161, 757-61	4	17
29	Acute volume expansion preserves orthostatic tolerance during whole-body heat stress in humans. <i>Journal of Physiology</i> , 2009 , 587, 1131-9	3.9	56
28	Sustained impairments in cutaneous vasodilation and sweating in grafted skin following long-term recovery. <i>Journal of Burn Care and Research</i> , 2009 , 30, 675-85	0.8	33
27	Cutaneous vasoconstriction during whole-body and local cooling in grafted skin five to nine months postsurgery. <i>Journal of Burn Care and Research</i> , 2008 , 29, 36-41	0.8	6
26	Heat acclimation of an adult female with a large surface area of grafted skin. <i>Journal of Burn Care and Research</i> , 2008 , 29, 848-51	0.8	6
25	Cutaneous vascular responses to hypercapnia during whole-body heating. <i>Aviation, Space, and Environmental Medicine</i> , 2008 , 79, 1081-5		6
24	Cutaneous and hemodynamic responses during hot flashes in symptomatic postmenopausal women. <i>Menopause</i> , 2008 , 15, 290-5	2.5	28
23	Cerebrovascular responsiveness to steady-state changes in end-tidal CO ₂ during passive heat stress. <i>Journal of Applied Physiology</i> , 2008 , 104, 976-81	3.7	49
22	Nitric oxide inhibits cutaneous vasoconstriction to exogenous norepinephrine. <i>Journal of Applied Physiology</i> , 2008 , 105, 1504-8	3.7	41

21	Dynamic cerebral autoregulation during passive heat stress. <i>FASEB Journal</i> , 2008 , 22, 956.8	0.9	
20	Heat Acclimation of an Individual with a Spinal Cord Injury: A Case Report. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S334	1.2	
19	Does local heating-induced nitric oxide production attenuate vasoconstrictor responsiveness to lower body negative pressure in human skin?. <i>Journal of Applied Physiology</i> , 2007 , 102, 1839-43	3.7	16
18	Endogenous nitric oxide attenuates neutrally mediated cutaneous vasoconstriction. <i>Journal of Physiology</i> , 2007 , 585, 627-34	3.9	41
17	Cutaneous blood flow and sweat rate responses to exogenous administration of acetylcholine and methacholine. <i>Journal of Applied Physiology</i> , 2007 , 102, 1856-61	3.7	32
16	Skin grafting impairs postsynaptic cutaneous vasodilator and sweating responses. <i>Journal of Burn Care and Research</i> , 2007 , 28, 435-41	0.8	25
15	Temporal thermometry fails to track body core temperature during heat stress. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 1029-35	1.2	22
14	Impaired cutaneous vasodilation and sweating in grafted skin during whole-body heating. <i>Journal of Burn Care and Research</i> , 2007 , 28, 427-34	0.8	34
13	Endogenous NO decreases cutaneous vasoconstrictor responsiveness during lower-body negative pressure (LBNP) in the heat stressed individual. <i>FASEB Journal</i> , 2007 , 21, A1298	0.9	
12	Effect of hypercapnia on skin blood flow during normothermia and whole-body heating. <i>FASEB Journal</i> , 2007 , 21, A1313	0.9	
11	Heat stress attenuates increases in arterial blood pressure during a cold pressor test (CPT). <i>FASEB Journal</i> , 2007 , 21, A563	0.9	
10	Heat stress decreases baroreflex sensitivity during muscle metaboreceptor stimulation. <i>FASEB Journal</i> , 2007 , 21, A571	0.9	
9	Heat stress enhances arterial baroreflex control of muscle sympathetic nerve activity via increased sensitivity of burst gating, not burst area, in humans. <i>Journal of Physiology</i> , 2006 , 573, 445-51	3.9	81
8	Neurally mediated vasoconstriction is capable of decreasing skin blood flow during orthostasis in the heat-stressed human. <i>Journal of Physiology</i> , 2006 , 575, 953-9	3.9	32
7	Carotid baroreceptor stimulation alters cutaneous vascular conductance during whole-body heating in humans. <i>Journal of Physiology</i> , 2006 , 577, 925-33	3.9	24
6	Exercise thermoregulation and hyperprolactinaemia. <i>Ergonomics</i> , 2005 , 48, 1547-57	2.9	15
5	The prolactin responses to active and passive heating in man. <i>Experimental Physiology</i> , 2005 , 90, 909-17	2.4	25
4	Prolactin Responses To Exercise In The Heat With Altered Skin Temperatures And Skin Blood Flow. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S170	1.2	2

- 3 Relationship between Exercise Hyperprolactinaemia and Cardiovascular Responses during Prolonged Exercise. *Medicine and Science in Sports and Exercise*, **2004**, 36, S24-S25 1.2
- 2 What's in a name? The 22q11.2 deletion **1997**, 72, 247-247 15
- 1 Autonomic dysfunction 415-436