

Joel Kevin Shoemaker

List of Publications by Year in descending order

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290
papers

9,167
citations

36303

51
h-index

62596

80
g-index

292
all docs

292
docs citations

292
times ranked

7567
citing authors

#	ARTICLE	IF	CITATIONS
1	MRI Measures of Middle Cerebral Artery Diameter in Conscious Humans During Simulated Orthostasis. <i>Stroke</i> , 2000, 31, 1672-1678.	2.0	642
2	Cerebral blood flow velocity underestimates cerebral blood flow during modest hypercapnia and hypocapnia. <i>Journal of Applied Physiology</i> , 2014, 117, 1090-1096.	2.5	282
3	Early mobilization in the critical care unit: A review of adult and pediatric literature. <i>Journal of Critical Care</i> , 2015, 30, 664-672.	2.2	203
4	Gender affects sympathetic and hemodynamic response to postural stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H2028-H2035.	3.2	195
5	Ventral medial prefrontal cortex and cardiovagal control in conscious humans. <i>NeuroImage</i> , 2007, 35, 698-708.	4.2	194
6	Cortical regions associated with autonomic cardiovascular regulation during lower body negative pressure in humans. <i>Journal of Physiology</i> , 2005, 569, 331-345.	2.9	185
7	Alveolar oxygen uptake and femoral artery blood flow dynamics in upright and supine leg exercise in humans. <i>Journal of Applied Physiology</i> , 1998, 85, 1622-1628.	2.5	162
8	Dependence of muscle $\dot{V}E$ on blood flow dynamics at onset of forearm exercise. <i>Journal of Applied Physiology</i> , 1996, 81, 1619-1626.	2.5	157
9	Increased postflight carotid artery stiffness and in-flight insulin resistance resulting from 6-mo spaceflight in male and female astronauts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 310, H628-H638.	3.2	145
10	Effleurage Massage, Muscle Blood Flow and Long-Term Post-Exercise Strength Recovery. <i>International Journal of Sports Medicine</i> , 1995, 16, 478-483.	1.7	110
11	Effects of pharmacological adrenergic and vagal modulation on fractal heart rate dynamics. <i>Clinical Physiology</i> , 2001, 21, 515-523.	0.7	109
12	What Role for Short-Lived Climate Pollutants in Mitigation Policy?. <i>Science</i> , 2013, 342, 1323-1324.	12.6	104
13	Effect of acute sympathetic nervous system activation on flow-mediated dilation of brachial artery. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1446-H1453.	3.2	103
14	Faster femoral artery blood velocity kinetics at the onset of exercise following short-term training. <i>Cardiovascular Research</i> , 1996, 31, 278-286.	3.8	89
15	Methods and considerations for the analysis and standardization of assessing muscle sympathetic nerve activity in humans. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 193, 12-21.	2.8	87
16	Functional neuroanatomy of autonomic regulation. <i>NeuroImage</i> , 2009, 47, 795-803.	4.2	86
17	Swallowing Dysfunction and Autonomic Nervous System Dysfunction in Alzheimer's Disease: A Scoping Review of the Evidence. <i>Journal of the American Geriatrics Society</i> , 2013, 61, 2203-2213.	2.6	85
18	Effects of acetylcholine and nitric oxide on forearm blood flow at rest and after a single muscle contraction. <i>Journal of Applied Physiology</i> , 1998, 85, 2249-2254.	2.5	84

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19	WISE 2005: stroke volume changes contribute to the pressor response during ischemic handgrip exercise in women. <i>Journal of Applied Physiology</i> , 2007, 103, 228-233.	2.5	81
20	Critical Analysis of Cerebrovascular Autoregulation During Repeated Head-Up Tilt. <i>Stroke</i> , 2001, 32, 2403-2408.	2.0	79
21	Hypercapnic vs. hypoxic control of cardiovascular, cardiovagal, and sympathetic function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R402-R410.	1.8	78
22	Cardiovascular regulation during long-duration spaceflights to the International Space Station. <i>Journal of Applied Physiology</i> , 2012, 112, 719-727.	2.5	78
23	Forebrain neurocircuitry associated with human reflex cardiovascular control. <i>Frontiers in Physiology</i> , 2015, 6, 240.	2.8	77
24	Differential Effect of head-up tilt on Cardiovagal and Sympathetic Baroreflex Sensitivity in Humans. <i>Experimental Physiology</i> , 2003, 88, 769-774.	2.0	76
25	Hypovolemia and neurovascular control during orthostatic stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H645-H655.	3.2	76
26	Kinetics of O ₂ uptake, leg blood flow, and muscle deoxygenation are slowed in the upper compared with lower region of the moderate-intensity exercise domain. <i>Journal of Applied Physiology</i> , 2005, 99, 1822-1834.	2.5	74
27	Failure of manual massage to alter limb blood flow: measures by Doppler ultrasound. <i>Medicine and Science in Sports and Exercise</i> , 1997, 29, 610-614.	0.4	74
28	Cardiorespiratory kinetics and femoral artery blood velocity during dynamic knee extension exercise. <i>Journal of Applied Physiology</i> , 1994, 77, 2625-2632.	2.5	71
29	Blood flow and muscle oxygen uptake at the onset and end of moderate and heavy dynamic forearm exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R1741-R1747.	1.8	71
30	Sympathetic neural activation: an ordered affair. <i>Journal of Physiology</i> , 2010, 588, 4825-4836.	2.9	71
31	Forebrain organization for autonomic cardiovascular control. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 188, 5-9.	2.8	71
32	Beat-by-beat forearm blood flow with Doppler ultrasound and strain-gauge plethysmography. <i>Journal of Applied Physiology</i> , 1995, 79, 713-719.	2.5	68
33	Spike detection in human muscle sympathetic nerve activity using a matched wavelet approach. <i>Journal of Neuroscience Methods</i> , 2010, 193, 343-355.	2.5	67
34	Impaired cerebrovascular autoregulation and reduced CO ₂ reactivity after long duration spaceflight. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H2592-H2598.	3.2	67
35	Vasodilation contributes to the rapid hyperemia with rhythmic contractions in humans. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998, 76, 418-427.	1.4	65
36	Insufficient flow reduction during LBNP in both splanchnic and lower limb areas is associated with orthostatic intolerance after bedrest. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1846-H1854.	3.2	65

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37	Human cerebral circuitry related to cardiac control: A neuroimaging meta-analysis. <i>Annals of Neurology</i> , 2016, 79, 709-716.	5.3	65
38	Adaptation of blood flow during the rest to work transition in humans. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 1019-1026.	0.4	64
39	Comparison of cardiovascular responses between lower body negative pressure and head-up tilt. <i>Journal of Applied Physiology</i> , 2005, 98, 2081-2086.	2.5	63
40	Human cardiovascular and gustatory brainstem sites observed by functional magnetic resonance imaging. <i>Journal of Comparative Neurology</i> , 2004, 471, 446-461.	1.6	62
41	Sex differences in forebrain and cardiovagal responses at the onset of isometric handgrip exercise: a retrospective fMRI study. <i>Journal of Applied Physiology</i> , 2007, 103, 1402-1411.	2.5	62
42	Influence of Sex and Age on Muscle Sympathetic Nerve Activity of Healthy Normotensive Adults. <i>Hypertension</i> , 2020, 76, 997-1005.	2.7	60
43	Vascularization of the human intervertebral disc: A scoping review. <i>JOR Spine</i> , 2020, 3, e1123.	3.2	60
44	Blood Flow Dynamics in Heart Failure. <i>Circulation</i> , 1999, 99, 3002-3008.	1.6	59
45	The effect of hypoxia on pulmonary O ₂ uptake, leg blood flow and muscle deoxygenation during single-leg knee-extension exercise. <i>Experimental Physiology</i> , 2004, 89, 293-302.	2.0	59
46	Peripheral chemoreceptor contributions to sympathetic and cardiovascular responses during hypercapnia. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002, 80, 1136-1144.	1.4	58
47	Forearm blood flow by Doppler ultrasound during rest and exercise: tests of day-to-day repeatability. <i>Medicine and Science in Sports and Exercise</i> , 1996, 28, 1144-1149.	0.4	58
48	Heterogeneous patterns of vasoreactivity in the middle cerebral and internal carotid arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1030-H1038.	3.2	57
49	Time course of brachial artery diameter responses to rhythmic handgrip exercise in humans. <i>Cardiovascular Research</i> , 1997, 35, 125-131.	3.8	56
50	Serial effects of high-resistance and prolonged endurance training on Na ⁺ -K ⁺ pump concentration and enzymatic activities in human vastus lateralis. <i>Acta Physiologica Scandinavica</i> , 1999, 165, 177-184.	2.2	56
51	Failure of prostaglandins to modulate the time course of blood flow during dynamic forearm exercise in humans. <i>Journal of Applied Physiology</i> , 1996, 81, 1516-1521.	2.5	55
52	Head-down-tilt bed rest alters forearm vasodilator and vasoconstrictor responses. <i>Journal of Applied Physiology</i> , 1998, 84, 1756-1762.	2.5	54
53	Modelflow estimates of cardiac output compared with Doppler ultrasound during acute changes in vascular resistance in women. <i>Experimental Physiology</i> , 2010, 95, 561-568.	2.0	53
54	Relationship between size and latency of action potentials in human muscle sympathetic nerve activity. <i>Journal of Neurophysiology</i> , 2011, 105, 2830-2842.	1.8	53

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55	Fifty years of microneurography: learning the language of the peripheral sympathetic nervous system in humans. <i>Journal of Neurophysiology</i> , 2018, 119, 1731-1744.	1.8	52
56	Dynamic modulation of cerebrovascular resistance as an index of autoregulation under tilt and controlled P _{et} CO ₂ . <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R653-R662.	1.8	51
57	Blood flow and muscle oxygenation during low, moderate, and maximal sustained isometric contractions. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R475-R481.	1.8	50
58	Representation of somatosensory inputs within the cortical autonomic network. <i>NeuroImage</i> , 2011, 54, 1211-1220.	4.2	48
59	Autonomic responses to exercise: Deconditioning/inactivity. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 188, 32-35.	2.8	48
60	Impact of age on cerebrovascular dilation versus reactivity to hypercapnia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 344-355.	4.3	47
61	Test-retest repeatability of muscle sympathetic nerve activity: influence of data analysis and head-up tilt. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004, 114, 61-71.	2.8	46
62	Forebrain neural patterns associated with sex differences in autonomic and cardiovascular function during baroreceptor unloading. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R715-R722.	1.8	46
63	Spleen and cardiovascular function during short apneas in divers. <i>Journal of Applied Physiology</i> , 2007, 103, 1958-1963.	2.5	46
64	Dissociation of muscle sympathetic nerve activity and leg vascular resistance in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H1215-H1219.	3.2	45
65	SYNERGIC TRIAL (SYNchronizing Exercises, Remedies in Gait and Cognition) a multi-Centre randomized controlled double blind trial to improve gait and cognition in mild cognitive impairment. <i>BMC Geriatrics</i> , 2018, 18, 93.	2.7	45
66	Diabetes and Technology for Increased Activity (DaTA) Study: Results of a Remote Monitoring Intervention for Prevention of Metabolic Syndrome. <i>Journal of Diabetes Science and Technology</i> , 2011, 5, 928-935.	2.2	44
67	Therapeutic Benefit of Internet-Based Lifestyle Counselling for Hypertension. <i>Canadian Journal of Cardiology</i> , 2012, 28, 390-396.	1.7	44
68	Neuropeptide Y and neurovascular control in skeletal muscle and skin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R546-R555.	1.8	43
69	Effects of lifestyle modification on central artery stiffness in metabolic syndrome subjects with pre-hypertension and/or pre-diabetes. <i>Diabetes Research and Clinical Practice</i> , 2009, 83, 249-256.	2.8	43
70	Metabolomics profiling of concussion in adolescent male hockey players: a novel diagnostic method. <i>Metabolomics</i> , 2016, 12, 1.	3.0	43
71	Sympathetic discharge and vascular resistance after bed rest. <i>Journal of Applied Physiology</i> , 1998, 84, 612-617.	2.5	42
72	Restoration of hemodynamics in apnea struggle phase in association with involuntary breathing movements. <i>Respiratory Physiology and Neurobiology</i> , 2008, 161, 174-181.	1.6	42

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73	Reactivity of larger intracranial arteries using 7 T MRI in young adults. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 1204-1214.	4.3	42
74	Combined Head-Up Tilt and Lower Body Negative Pressure as an Experimental Model of Orthostatic Syncope. <i>Journal of Cardiovascular Electrophysiology</i> , 2003, 14, 920-924.	1.7	41
75	Cortical Circuitry Associated With Reflex Cardiovascular Control in Humans: Does the Cortical Autonomic Network "Speak" or "Listen" During Cardiovascular Arousal. <i>Anatomical Record</i> , 2012, 295, 1375-1384.	1.4	41
76	Impaired Cerebrovascular Function in Coronary Artery Disease Patients and Recovery Following Cardiac Rehabilitation. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 224.	3.4	41
77	Neural Control of Vascular Function in Skeletal Muscle. , 2015, 6, 303-329.		40
78	Menstrual cycle and sex effects on sympathetic responses to acute chemoreflex stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H664-H671.	3.2	40
79	Sympathetic neural recruitment strategies: responses to severe chemoreflex and baroreflex stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R160-R168.	1.8	39
80	Orthostatic Hypotension Occurs Frequently in the First Hour After Anesthesia. <i>Anesthesia and Analgesia</i> , 2004, 98, 40-45.	2.2	37
81	Combined Dual-Task Gait Training and Aerobic Exercise to Improve Cognition, Mobility, and Vascular Health in Community-Dwelling Older Adults at Risk for Future Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 747-763.	2.6	37
82	Circulating norepinephrine and cerebrovascular control in conscious humans. <i>Clinical Physiology and Functional Imaging</i> , 2003, 23, 314-319.	1.2	36
83	Spontaneous beat-by-beat fluctuations of total peripheral and cerebrovascular resistance in response to tilt. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 287, R670-R679.	1.8	36
84	Cerebral and muscle deoxygenation, hypoxic ventilatory chemosensitivity and cerebrovascular responsiveness during incremental exercise. <i>Respiratory Physiology and Neurobiology</i> , 2009, 169, 24-35.	1.6	36
85	Baroreflex mechanisms regulating the occurrence of neural spikes in human muscle sympathetic nerve activity. <i>Journal of Neurophysiology</i> , 2012, 107, 3409-3416.	1.8	36
86	An investigation of changes in regional gray matter volume in cardiovascular disease patients, pre and post cardiovascular rehabilitation. <i>NeuroImage: Clinical</i> , 2013, 3, 388-395.	2.7	36
87	Effect of age on the hemodynamic and sympathetic responses at the onset of isometric handgrip exercise. <i>Journal of Applied Physiology</i> , 2014, 116, 222-227.	2.5	36
88	Is the blood flow response to a single contraction determined by work performed?. <i>Journal of Applied Physiology</i> , 2004, 96, 2146-2152.	2.5	35
89	Carotid distensibility, baroreflex sensitivity, and orthostatic stress. <i>Journal of Applied Physiology</i> , 2005, 99, 64-70.	2.5	34
90	Cerebral and muscle tissue oxygenation in acute hypoxic ventilatory response test. <i>Respiratory Physiology and Neurobiology</i> , 2007, 155, 71-81.	1.6	34

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91	Impact of Long-Term Endurance Training vs. Guideline-Based Physical Activity on Brain Structure in Healthy Aging. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 155.	3.4	34
92	Maintained exercise pressor response in heart failure. <i>Journal of Applied Physiology</i> , 1998, 85, 1793-1799.	2.5	33
93	Effects of aging and coronary artery disease on sympathetic neural recruitment strategies during end-inspiratory and end-expiratory apnea. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1040-H1050.	3.2	33
94	Recruitment pattern of sympathetic neurons during breath-holding at different lung volumes in apnea divers and controls. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 164, 74-81.	2.8	31
95	Heart Rate and Daily Physical Activity with Long-Duration Habitation of the International Space Station. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 577-584.	0.5	31
96	Reflex-Mediated Reduction in Human Cerebral Blood Volume. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005, 25, 136-143.	4.3	30
97	Head position modifies cerebrovascular response to orthostatic stress. <i>Brain Research</i> , 2003, 961, 261-268.	2.2	29
98	Forebrain organization representing baroreceptor gating of somatosensory afferents within the cortical autonomic network. <i>Journal of Neurophysiology</i> , 2012, 108, 453-466.	1.8	29
99	Cerebral vasoconstriction precedes orthostatic intolerance after parabolic flight. <i>Brain Research Bulletin</i> , 2000, 53, 113-120.	3.0	28
100	Ventilatory restraint of sympathetic activity during chemoreflex stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R1407-R1414.	1.8	28
101	Central vs. peripheral determinants of sympathetic neural recruitment: insights from static handgrip exercise and postexercise circulatory occlusion. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1013-R1021.	1.8	28
102	Augmented sympathetic tone alters muscle metabolism with exercise: lack of evidence for functional sympatholysis. <i>Journal of Applied Physiology</i> , 1997, 82, 1932-1938.	2.5	27
103	Pet CO ₂ inversely affects MSNA response to orthostatic stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H1040-H1046.	3.2	27
104	Hypovolemia and MSNA discharge patterns: assessing and interpreting sympathetic responses. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 284, H1198-H1204.	3.2	27
105	Gender-modulated endogenous baseline neuropeptide Y ₁ receptor activation in the hindlimb of Sprague-Dawley rats. <i>Journal of Physiology</i> , 2005, 562, 285-294.	2.9	27
106	Evidence for a medial prefrontal cortex-hippocampal axis associated with heart rate control in conscious humans. <i>Brain Research</i> , 2013, 1538, 104-115.	2.2	27
107	Osteoarthritis, cerebrovascular dysfunction and the common denominator of inflammation: a narrative review. <i>Osteoarthritis and Cartilage</i> , 2018, 26, 462-470.	1.3	27
108	Splenic constriction during isometric handgrip exercise in humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 990-996.	1.9	26

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109	Influence of hyperglycemia during and after pregnancy on postpartum vascular function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R768-R775.	1.8	26
110	The association between baroreflex sensitivity and blood pressure in children. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 301-307.	1.9	26
111	Evidence for sympatholysis at the onset of forearm exercise. <i>Journal of Applied Physiology</i> , 2002, 93, 555-560.	2.5	25
112	Forebrain regions associated with postexercise differences in autonomic and cardiovascular function during baroreceptor unloading. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H299-H306.	3.2	25
113	Reduced heart rate variability during sleep in long-duration spaceflight. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R164-R170.	1.8	25
114	Protection from vascular dysfunction in female rats with chronic stress and depressive symptoms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H1070-H1084.	3.2	25
115	Cerebrovascular Compliance Within the Rigid Confines of the Skull. <i>Frontiers in Physiology</i> , 2018, 9, 940.	2.8	24
116	Changes in cerebral oxygenation and blood flow during LBNP in spinal cord-injured individuals. <i>Journal of Applied Physiology</i> , 2001, 91, 2199-2204.	2.5	23
117	Y1- and β 1-receptor control of basal hindlimb vascular tone. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 287, R228-R233.	1.8	23
118	Metabolic syndrome, endothelial function and lifestyle modification. <i>Diabetes and Vascular Disease Research</i> , 2009, 6, 181-189.	2.0	23
119	Effects of 6 Months of Exercise-Based Cardiac Rehabilitation on Autonomic Function and Neuro-Cardiovascular Stress Reactivity in Coronary Artery Disease Patients. <i>Journal of the American Heart Association</i> , 2019, 8, e012257.	3.7	23
120	Vasodilation contributes to the rapid hyperemia with rhythmic contractions in humans. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998, 76, 418-427.	1.4	23
121	Altered hormonal regulation and blood flow distribution with cardiovascular deconditioning after short-duration head down bed rest. <i>Journal of Applied Physiology</i> , 2007, 103, 2018-2025.	2.5	22
122	Role of vascular bed compliance in vasomotor control in human skeletal muscle. <i>Experimental Physiology</i> , 2007, 92, 841-848.	2.0	22
123	Peripheral chemoreflex regulation of sympathetic vasomotor tone in apnea divers. <i>Clinical Autonomic Research</i> , 2010, 20, 57-63.	2.5	22
124	Abnormal sympathetic neural recruitment patterns and hemodynamic responses to cold pressor test in women with posttraumatic stress disorder. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1198-H1207.	3.2	22
125	WISE-2005: adrenergic responses of women following 56-days, 6° head-down bed rest with or without exercise countermeasures. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R2343-R2352.	1.8	21
126	Neurogenic-nitric oxide interactions affecting brachial artery mechanics in humans: roles of vessel distensibility vs. diameter. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1181-R1187.	1.8	21

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127	WISE-2005: tibial and gastrocnemius vein and calf tissue response to LBNP after a 60-day bed rest with and without countermeasures. <i>Journal of Applied Physiology</i> , 2008, 104, 938-943.	2.5	21
128	Arrangement of sympathetic fibers within the human common peroneal nerve: implications for microneurography. <i>Journal of Applied Physiology</i> , 2013, 115, 1553-1561.	2.5	21
129	Hormone phase dependency of neural responses to chemoreflex-driven sympathoexcitation in young women using hormonal contraceptives. <i>Journal of Applied Physiology</i> , 2013, 115, 1415-1422.	2.5	21
130	Exercise training enhances insulin-stimulated nerve arterial vasodilation in rats with insulin-treated experimental diabetes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R941-R950.	1.8	21
131	Group-based exercise and cognitive-physical training in older adults with self-reported cognitive complaints: The Multiple-Modality, Mind-Motor (M4) study protocol. <i>BMC Geriatrics</i> , 2016, 16, 17.	2.7	21
132	The Cardioinhibitory Responses of the Right Posterior Insular Cortex in an Epileptic Patient. <i>Stereotactic and Functional Neurosurgery</i> , 2010, 88, 390-397.	1.5	20
133	Sympathetic neural recruitment patterns during the Valsalva maneuver. , 2011, 2011, 6951-4.		20
134	Reducing risk with e-based support for adherence to lifestyle change in hypertension (REACH): protocol for a multicentred randomised controlled trial. <i>BMJ Open</i> , 2013, 3, e003547.	1.9	20
135	Associations between heart rate variability, metabolic syndrome risk factors, and insulin resistance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 734-740.	1.9	20
136	Positional differences in reactive hyperemia provide insight into initial phase of exercise hyperemia. <i>Journal of Applied Physiology</i> , 2015, 119, 569-575.	2.5	20
137	Ventilation inhibits sympathetic action potential recruitment even during severe chemoreflex stress. <i>Journal of Neurophysiology</i> , 2017, 118, 2914-2924.	1.8	20
138	Long-duration bed rest modifies sympathetic neural recruitment strategies in male and female participants. <i>Journal of Applied Physiology</i> , 2018, 124, 769-779.	2.5	20
139	Increased cerebral blood flow supports a single-bout postexercise benefit to executive function: evidence from hypercapnia. <i>Journal of Neurophysiology</i> , 2020, 124, 930-940.	1.8	20
140	Vascular Actions of Insulin in Health and Disease. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1995, 20, 127-154.	1.7	19
141	Feedback effects of circulating norepinephrine on sympathetic outflow in healthy subjects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H710-H715.	3.2	19
142	Alveolar gas exchange, oxygen delivery and tissue deoxygenation in men and women during incremental exercise. <i>Respiratory Physiology and Neurobiology</i> , 2013, 188, 102-112.	1.6	19
143	Autonomic and cardiovascular responses to chemoreflex stress in apnoea divers. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010, 156, 138-143.	2.8	18
144	Recruitment pattern of sympathetic muscle neurons during premature ventricular contractions in heart failure patients and controls. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R1157-R1164.	1.8	18

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145	Using the RE-AIM framework to evaluate a community-based summer camp for children with obesity: a prospective feasibility study. <i>BMC Obesity</i> , 2015, 2, 21.	3.1	18
146	Group-based exercise combined with dual-task training improves gait but not vascular health in active older adults without dementia. <i>Archives of Gerontology and Geriatrics</i> , 2016, 63, 18-27.	3.0	18
147	Relationships between fluid and electrolyte hormones and plasma volume during exercise with training and detraining. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 497-505.	0.4	18
148	Increased Blood Pressure and Hyperdynamic Cardiovascular Responses in Carriers of a Common Hyperfunctional Variant of Adenylyl Cyclase 6. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 335, 451-457.	2.5	17
149	Differential regulation of sympathetic burst frequency and amplitude following acute hypoxia in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R633-R638.	1.8	17
150	The association between arterial properties and blood pressure in children. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 72-78.	1.9	17
151	Persistent insulin signaling coupled with restricted PI3K activation causes insulin-induced vasoconstriction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H1166-H1172.	3.2	17
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