

Joel Kevin Shoemaker

List of Publications by Year in descending order

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Version: 2024-02-01

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	Impaired sympathetic neural recruitment during exercise pressor reflex activation in women with post-traumatic stress disorder. <i>Clinical Autonomic Research</i> , 2022, 32, 115-129.	2.5	6
2	Interactive effects of apneic and baroreflex stress on neural coding strategies in human muscle sympathetic nerve activity. <i>Journal of Neurophysiology</i> , 2022, , .	1.8	0
3	Cerebral hemodynamics during ventricular arrhythmia in health, ischemic heart disease and heart failure with reduced ejection fraction. <i>Journal of Physiology</i> , 2022, , .	2.9	1
4	Acute changes in forearm vascular compliance during transient sympathoexcitation. <i>Physiological Reports</i> , 2022, 10, e15256.	1.7	1
5	Cardiovascular response to postural perturbations of different intensities in healthy young adults. <i>Physiological Reports</i> , 2022, 10, e15299.	1.7	3
6	Action potential subpopulations within human muscle sympathetic nerve activity: Discharge properties and governing mechanisms. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 230, 102743.	2.8	7
7	A Mobile App to Identify Lifestyle Indicators Related to Undergraduate Mental Health (Smart Healthy) Tj ETQq1 1 0.784314 rgBT /Overl e29160.	1.4	2
8	The impact of 6 months of exercise-based cardiac rehabilitation on sympathetic neural recruitment during apneic stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R174-R185.	1.8	1
9	Vasodilatation by carbon dioxide and sodium nitroglycerin reduces compliance of the cerebral arteries in humans. <i>Experimental Physiology</i> , 2021, 106, 1679-1688.	2.0	5
10	Concussion Acutely Decreases Plasma Glycerophospholipids in Adolescent Male Athletes. <i>Journal of Neurotrauma</i> , 2021, 38, 1608-1614.	3.4	9
11	Protocol-dependence of middle cerebral artery dilation to modest hypercapnia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1038-1046.	1.9	6
12	Promising Points for Intervention in Re-Imagining Partnered Research in Health Services Comment on "Experience of Health Leadership in Partnering with University-Based Researchers in Canada â€” A Call to â€”Re-imagineâ€™ Research". <i>International Journal of Health Policy and Management</i> , 2021, 10, 155-157.	0.9	4
13	Putative Concussion Biomarkers Identified in Adolescent Male Athletes Using Targeted Plasma Proteomics. <i>Frontiers in Neurology</i> , 2021, 12, 787480.	2.4	3
14	Concussion Symptoms Predictive of Adolescent Sport-Related Concussion Injury. <i>Clinical Journal of Sport Medicine</i> , 2020, 30, e147-e149.	1.8	7
15	Sex Differences in the Sympathetic Neural Recruitment and Hemodynamic Response to Head-Up Tilt in Older Hypertensives. <i>Hypertension</i> , 2020, 75, 458-467.	2.7	11
16	Influence of Sex and Age on Muscle Sympathetic Nerve Activity of Healthy Normotensive Adults. <i>Hypertension</i> , 2020, 76, 997-1005.	2.7	60
17	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
18	Vascularization of the human intervertebral disc: A scoping review. <i>JOR Spine</i> , 2020, 3, e1123.	3.2	60

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19	Does vascular stiffness predict white matter hyperintensity burden in ischemic heart disease with preserved ejection fraction?. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H1401-H1409.	3.2	4
20	Rapid changes in vascular compliance contribute to cerebrovascular adjustments during transient reductions in blood pressure in young, healthy adults. Journal of Applied Physiology, 2020, 129, 27-35.	2.5	12
21	Abnormal sympathetic neural recruitment patterns and hemodynamic responses to cold pressor test in women with posttraumatic stress disorder. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H1198-H1207.	3.2	22
22	Case Studies in Physiology: Sympathetic neural discharge patterns in a healthy young male during end-expiratory breath hold-induced sinus pause. Journal of Applied Physiology, 2020, 129, 230-237.	2.5	1
23	Heterogeneous baroreflex control of sympathetic action potential subpopulations in humans. Journal of Physiology, 2020, 598, 1881-1895.	2.9	15
24	Sympathetic neural recruitment strategies following acute intermittent hypoxia in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2020, 318, R961-R971.	1.8	16
25	Effect of varying chemoreflex stress on sympathetic neural recruitment strategies during apnea. Journal of Neurophysiology, 2019, 122, 1386-1396.	1.8	8
26	Asynchronous action potential discharge in human muscle sympathetic nerve activity. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H754-H764.	3.2	10
27	Persistent insulin signaling coupled with restricted PI3K activation causes insulin-induced vasoconstriction. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 317, H1166-H1172.	3.2	17
28	Effects of 6 Months of Exercise-Based Cardiac Rehabilitation on Autonomic Function and Neuro-Cardiovascular Stress Reactivity in Coronary Artery Disease Patients. Journal of the American Heart Association, 2019, 8, e012257.	3.7	23
29	Impaired dynamic cerebral autoregulation in trained breath-hold divers. Journal of Applied Physiology, 2019, 126, 1694-1700.	2.5	12
30	Exploring Cerebrovascular Function in Osteoarthritis: "Heads Up". Physiological Reports, 2019, 7, e14212.	1.7	2
31	Reactivity of larger intracranial arteries using 7 T MRI in young adults. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 1204-1214.	4.3	42
32	Effect of Voluntary End-Expiratory Apnea During Varying Chemoreflex Stress on Sympathetic Neural Recruitment Strategies. FASEB Journal, 2019, 33, 838.14.	0.5	1
33	Cerebrovascular Regulation in Breath-Hold Divers with Chronic Exposure to Long-Duration Apneas. FASEB Journal, 2019, 33, 855.1.	0.5	0
34	Sympathetic Discharge Patterns and Neurovascular Transduction Following Acute Intermittent Hypoxia. FASEB Journal, 2019, 33, 562.8.	0.5	1
35	Osteoarthritis, cerebrovascular dysfunction and the common denominator of inflammation: a narrative review. Osteoarthritis and Cartilage, 2018, 26, 462-470.	1.3	27
36	Beneficial Pleiotropic Antidepressive Effects of Cardiovascular Disease Risk Factor Interventions in the Metabolic Syndrome. Journal of the American Heart Association, 2018, 7, .	3.7	6

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37	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
38	The role of the paravertebral ganglia in human sympathetic neural discharge patterns. <i>Journal of Physiology</i> , 2018, 596, 4497-4510.	2.9	11
39	An Investigation of Dynamic Cerebral Autoregulation in Adolescent Concussion. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2192-2199.	0.4	10
40	Sodium nitroglycerin induces middle cerebral artery vasodilatation in young, healthy adults. <i>Experimental Physiology</i> , 2018, 103, 1047-1055.	2.0	14
41	Protection from chronic stress- and depressive symptom-induced vascular endothelial dysfunction in female rats is abolished by preexisting metabolic disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H1085-H1097.	3.2	12
42	The human cortical autonomic network and volitional exercise in health and disease. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 1122-1130.	1.9	16
43	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
44	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
45	Cerebrovascular Compliance Within the Rigid Confines of the Skull. <i>Frontiers in Physiology</i> , 2018, 9, 940.	2.8	24
46	Horizon meeting on cardiovascular physiology: Dedicated to Dr. Mike Sharratt. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 865-868.	1.9	0
47	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
48	Pharmacological assessment of the contribution of the arterial baroreflex to sympathetic discharge patterns in healthy humans. <i>Journal of Neurophysiology</i> , 2018, 119, 2166-2175.	1.8	13
49	Cerebrovascular Compliance is Affected by Posture. <i>FASEB Journal</i> , 2018, 32, 843.18.	0.5	0
50	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
51	Regional cerebral cortical thickness correlates with autonomic outflow. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 207, 28-36.	2.8	15
52	High cardiorespiratory fitness in early to late middle age preserves the cortical circuitry associated with brain-heart integration during volitional exercise. <i>Journal of Neurophysiology</i> , 2017, 117, 1831-1840.	1.8	7
53	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
54	Ventilation inhibits sympathetic action potential recruitment even during severe chemoreflex stress. <i>Journal of Neurophysiology</i> , 2017, 118, 2914-2924.	1.8	20

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55	Recruitment strategies in efferent sympathetic nerve activity. <i>Clinical Autonomic Research</i> , 2017, 27, 369-378.	2.5	14
56	Imaging in Autonomic Neuroscience: Seeing is believing. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 207, 1.	2.8	0
57	Cardiac Baroreflex Variability and Resetting during Sustained Mild Effort. <i>Frontiers in Physiology</i> , 2017, 8, 246.	2.8	5
58	Research Priorities in the Field of Posttraumatic Pain and Disability: Results of a Transdisciplinary Consensus-Generating Workshop. <i>Pain Research and Management</i> , 2016, 2016, 1-8.	1.8	2
59	High Intensity Aerobic Exercise Training Improves Deficits of Cardiovascular Autonomic Function in a Rat Model of Type 1 Diabetes Mellitus with Moderate Hyperglycemia. <i>Journal of Diabetes Research</i> , 2016, 2016, 1-13.	2.3	11
60	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
61	Role of aortic arch vascular mechanics in cardiovagal baroreflex sensitivity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R24-R32.	1.8	16
62	Human cerebral circuitry related to cardiac control: A neuroimaging meta-analysis. <i>Annals of Neurology</i> , 2016, 79, 709-716.	5.3	65
63	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
64	Effects of one's sex and sex hormones on sympathetic responses to chemoreflex activation. <i>Experimental Physiology</i> , 2016, 101, 362-367.	2.0	11
65	Hormone phase influences sympathetic responses to high levels of lower body negative pressure in young healthy women. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R957-R963.	1.8	11
66	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
67	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
68	The glucoregulatory response to high-intensity aerobic exercise following training in rats with insulin-treated type 1 diabetes mellitus. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 631-639.	1.9	10
69	Effects of acute and chronic interval sprint exercise performed on a manually propelled treadmill on upper limb vascular mechanics in healthy young men. <i>Physiological Reports</i> , 2016, 4, e12861.	1.7	7
70	Metabolomics profiling of concussion in adolescent male hockey players: a novel diagnostic method. <i>Metabolomics</i> , 2016, 12, 1.	3.0	43
71	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
72	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

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73	The effect of an acute increase in central blood volume on the response of cerebral blood flow to acute hypotension. <i>Journal of Applied Physiology</i> , 2015, 119, 527-533.	2.5	5
74	Coronary artery disease affects cortical circuitry associated with brain-heart integration during volitional exercise. <i>Journal of Neurophysiology</i> , 2015, 114, 835-845.	1.8	5
75	Impact Of Long-term Marathon Training On Age-related Neuroanatomical Decline. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 911.	0.4	0
76	Neural Control of Vascular Function in Skeletal Muscle. , 2015, 6, 303-329.		40
77	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
78	Forebrain neurocircuitry associated with human reflex cardiovascular control. <i>Frontiers in Physiology</i> , 2015, 6, 240.	2.8	77
79	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
80	Forebrain organization for autonomic cardiovascular control. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 188, 5-9.	2.8	71
81	The association between arterial properties and blood pressure in children. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 72-78.	1.9	17
82	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
83	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
84	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
85	The Effects of Sex and Pubertal Maturation on Cardiovascular Baroreflex Sensitivity. <i>Journal of Pediatrics</i> , 2015, 167, 1067-1073.	1.8	14
86	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
87	Sex difference in the influence of central blood volume mobilization on the exercise pressor response. <i>European Journal of Applied Physiology</i> , 2015, 115, 2653-2660.	2.5	7
88	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
89	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
90	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

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91	Autonomic responses to exercise: Deconditioning/inactivity. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 188, 32-35.	2.8	48
92	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
93	Research priorities in the field of post-traumatic pain and disability: Results of a transdisciplinary consensus-generating workshop. <i>Pain Research and Management</i> , 2015, , .	1.8	0
94	Effects of a Comprehensive, Intensive Lifestyle Intervention Combined with Metformin Extended Release in Obese Adolescents. <i>International Scholarly Research Notices</i> , 2014, 2014, 1-13.	0.9	14
95	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
96	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
97	The relationship between blood pressure and sciatic nerve blood flow velocity in rats with insulin-treated experimental diabetes. <i>Diabetes and Vascular Disease Research</i> , 2014, 11, 281-289.	2.0	2
98	Firing patterns of muscle sympathetic neurons during apnea in chronic heart failure patients and healthy controls. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2014, 180, 66-69.	2.8	6
99	Baroreflex variability and "resetting" A new perspective. <i>Journal of Biomechanics</i> , 2014, 47, 237-244.	2.1	7
100	CCISS, Vascular and BP Reg: Canadian space life science research on ISS. <i>Acta Astronautica</i> , 2014, 104, 444-448.	3.2	5
101	Impact of a smoking cessation lifestyle intervention on vascular mechanics in young women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 572-580.	1.9	4
102	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
103	Evidence of bidirectional flow in the sciatic vasa nervorum. <i>Microvascular Research</i> , 2014, 94, 103-105.	2.5	3
104	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
105	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
106	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
107	Innovation to Reduce Cardiovascular Complications of Diabetes at the Intersection of Discovery, Prevention and Knowledge Exchange. <i>Canadian Journal of Diabetes</i> , 2013, 37, 282-293.	0.8	7
108	Firing patterns of muscle sympathetic neurons during short-term use of continuous positive airway pressure in healthy subjects and in chronic heart failure patients. <i>Respiratory Physiology and Neurobiology</i> , 2013, 187, 149-156.	1.6	3

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109	Effect of exercise training on diastolic function in metabolic syndrome. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 545-550.	1.9	7
110	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
111	Glucose-stimulated insulin secretion causes an insulin-dependent nitric oxide-mediated vasodilation in the blood supply of the rat sciatic nerve. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R157-R163.	1.8	9
112	What Role for Short-Lived Climate Pollutants in Mitigation Policy?. <i>Science</i> , 2013, 342, 1323-1324.	12.6	104
113	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
114	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
115	Cerebral critical closing pressure and CO ₂ responses during the progression toward syncope. <i>Journal of Applied Physiology</i> , 2013, 114, 801-807.	2.5	11
116	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
117	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
118	Relationship between Birth Weight and Metabolic Status in Obese Adolescents. <i>ISRN Obesity</i> , 2013, 2013, 1-8.	2.2	7
119	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
120	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
121	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
122	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
123	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
124	Short-term variability of blood pressure: effects of lower-body negative pressure and long-duration bed rest. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R77-R85.	1.8	13
125	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
126	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

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127	Impaired superficial femoral artery vasodilation and leg blood flow in young obese women following an oral glucose tolerance test. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 176-183.	1.9	11
128	Temporal Artery Doppler Spectrum Morphology Responses to Tilt and LBNP as an Early Indicator of Syncope. <i>Aviation, Space, and Environmental Medicine</i> , 2012, 83, 394-402.	0.5	2
129	WISE 2005: responses of women to sublingual nitroglycerin before and after 56 days of 6° head-down bed rest. <i>Journal of Applied Physiology</i> , 2012, 113, 434-441.	2.5	6
130	Cardiovascular regulation during long-duration spaceflights to the International Space Station. <i>Journal of Applied Physiology</i> , 2012, 112, 719-727.	2.5	78
131	Cardiac mechanoreceptor function implicated during premature ventricular contraction. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 167, 50-55.	2.8	4
132	Therapeutic Benefit of Internet-Based Lifestyle Counselling for Hypertension. <i>Canadian Journal of Cardiology</i> , 2012, 28, 390-396.	1.7	44
133	Intrinsic microvasculature of the sciatic nerve in the rat. <i>Journal of the Peripheral Nervous System</i> , 2012, 17, 377-384.	3.1	10
134	Y1R control of sciatic nerve blood flow in the Wistar Kyoto rat. <i>Microvascular Research</i> , 2012, 84, 133-139.	2.5	4
135	The association between baroreflex sensitivity and blood pressure in children. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 301-307.	1.9	26
136	Central Versus Peripheral Cardiovascular Risk in Metabolic Syndrome. <i>Frontiers in Physiology</i> , 2012, 3, 38.	2.8	14
137	The need for speed: Central command commanding vasodilation in human skeletal muscle?. <i>Journal of Applied Physiology</i> , 2012, 112, 1959-1960.	2.5	2
138	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
139	Non- α -adrenergic effects on systemic vascular conductance during lower-body negative pressure, static exercise and muscle metaboreflex activation. <i>Acta Physiologica</i> , 2012, 206, 51-61.	3.8	13
140	Altered cortical activation patterns associated with baroreflex unloading following 24 h of physical deconditioning. <i>Experimental Physiology</i> , 2012, 97, 1249-1262.	2.0	14
141	Aortic, cerebral and lower limb arterial and venous response to orthostatic stress after a 60-day bedrest. <i>European Journal of Applied Physiology</i> , 2012, 112, 277-284.	2.5	11
142	Sex-specific sympathetic responses to chemoreflex stress in healthy young men and women. <i>FASEB Journal</i> , 2012, 26, 1091.10.	0.5	0
143	Long-term endurance training in older adults preserves cardiovagal control but not heart rate responses to exercise. <i>FASEB Journal</i> , 2012, 26, 1091.29.	0.5	0
144	Sexual dimorphism of vascular mechanics in rats. <i>FASEB Journal</i> , 2012, 26, 859.7.	0.5	0

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145	Differential regulation of sympathetic burst frequency and amplitude following acute hypoxia. <i>FASEB Journal</i> , 2012, 26, 893.14.	0.5	0
146	Glucose infusion (3g/kg) increases nerve vascular conductance through an insulin-mediated nitric oxide mechanism in rats. <i>FASEB Journal</i> , 2012, 26, .	0.5	0
147	Rodent cardiovascular responses to baroreceptor unloading: Effect of plane of anaesthesia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011, 36, 376-381.	1.9	7
148	Bed-rest exercise, activity restriction, and high-risk pregnancies: a feasibility study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011, 36, 577-582.	1.9	11
149	Representation of somatosensory inputs within the cortical autonomic network. <i>NeuroImage</i> , 2011, 54, 1211-1220.	4.2	48
150	Efficacy of a family practice-based lifestyle intervention program to increase physical activity and reduce clinical and physiological markers of vascular health in patients with high normal blood pressure and/or high normal blood glucose (SNAC): study protocol for a randomized controlled trial. <i>Trials</i> , 2011, 12, 45.	1.6	11
151	Myogenic activity in autoregulation during low frequency oscillations. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011, 159, 104-110.	2.8	13
152	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
153	β -Adrenergic effects on low-frequency oscillations in blood pressure and R-R intervals during sympathetic activation. <i>Experimental Physiology</i> , 2011, 96, 718-735.	2.0	13
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