

Joel Kevin Shoemaker

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

278
papers

7,545
citations

48
h-index

73
g-index

292
ext. papers

8,394
ext. citations

3.4
avg, IF

6.01
L-index

#	Paper	IF	Citations
278	Impaired sympathetic neural recruitment during exercise pressor reflex activation in women with post-traumatic stress disorder.. <i>Clinical Autonomic Research</i> , 2022 , 1	4.3	0
277	Acute changes in forearm vascular compliance during transient sympatho-excitation.. <i>Physiological Reports</i> , 2022 , 10, e15256	2.6	
276	Cardiovascular response to postural perturbations of different intensities in healthy young adults.. <i>Physiological Reports</i> , 2022 , 10, e15299	2.6	0
275	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 - A Call to Re-imagineSResearch". <i>International Journal of Health Policy and Management</i> , 2021 , 10, 155-157	2.5	2
274	A Mobile App to Identify Lifestyle Indicators Related to Undergraduate Mental Health (Smart Healthy Campus): Observational App-Based Ecological Momentary Assessment. <i>JMIR Formative Research</i> , 2021 , 5, e29160	2.5	1
273	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	3.2	1
272	Vasodilatation by carbon dioxide and sodium nitroglycerin reduces compliance of the cerebral arteries in humans. <i>Experimental Physiology</i> , 2021 , 106, 1679-1688	2.4	
271	Concussion Acutely Decreases Plasma Glycerophospholipids in Adolescent Male Athletes. <i>Journal of Neurotrauma</i> , 2021 , 38, 1608-1614	5.4	3
270	Action potential subpopulations within human muscle sympathetic nerve activity: Discharge properties and governing mechanisms. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021 , 230, 102743	2.4	4
269	Protocol-dependence of middle cerebral artery dilation to modest hypercapnia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 1038-1046	3	2
268	Putative Concussion Biomarkers Identified in Adolescent Male Athletes Using Targeted Plasma Proteomics.. <i>Frontiers in Neurology</i> , 2021 , 12, 787480	4.1	0
267	Vascularization of the human intervertebral disc: A scoping review. <i>JOR Spine</i> , 2020 , 3, e1123	3.7	14
266	Does vascular stiffness predict white matter hyperintensity burden in ischemic heart disease with preserved ejection fraction?. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 318, H1401-H1409	5.2	1
265	Rapid changes in vascular compliance contribute to cerebrovascular adjustments during transient reductions in blood pressure in young, healthy adults. <i>Journal of Applied Physiology</i> , 2020 , 129, 27-35	3.7	6
264	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	5.2	10
263	Case Studies in Physiology: Sympathetic neural discharge patterns in a healthy young male during end-expiratory breath hold-induced sinus pause. <i>Journal of Applied Physiology</i> , 2020 , 129, 230-237	3.7	0
262	Heterogeneous baroreflex control of sympathetic action potential subpopulations in humans. <i>Journal of Physiology</i> , 2020 , 598, 1881-1895	3.9	8

261	Sex Differences in the Sympathetic Neural Recruitment and Hemodynamic Response to Head-Up Tilt in Older Hypertensives. <i>Hypertension</i> , 2020 , 75, 458-467	8.5	7
260	Influence of Sex and Age on Muscle Sympathetic Nerve Activity of Healthy Normotensive Adults. <i>Hypertension</i> , 2020 , 76, 997-1005	8.5	27
259	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	3.2	7
258	Concussion Symptoms Predictive of Adolescent Sport-Related Concussion Injury. <i>Clinical Journal of Sport Medicine</i> , 2020 , 30, e147-e149	3.2	4
257	Sympathetic neural recruitment strategies following acute intermittent hypoxia in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R961-R971	3.2	7
256	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	6	16
255	Impaired dynamic cerebral autoregulation in trained breath-hold divers. <i>Journal of Applied Physiology</i> , 2019 , 126, 1694-1700	3.7	9
254	Effect of varying chemoreflex stress on sympathetic neural recruitment strategies during apnea. <i>Journal of Neurophysiology</i> , 2019 , 122, 1386-1396	3.2	6
253	Asynchronous action potential discharge in human muscle sympathetic nerve activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019 , 317, H754-H764	5.2	7
252	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	5.2	10
251	Cerebrovascular Regulation in Breath-Hold Divers with Chronic Exposure to Long-Duration Apneas. <i>FASEB Journal</i> , 2019 , 33, 855.1	0.9	
250	Sympathetic Discharge Patterns and Neurovascular Transduction Following Acute Intermittent Hypoxia. <i>FASEB Journal</i> , 2019 , 33, 562.8	0.9	1
249	Effect of Voluntary End-Expiratory Apnea During Varying Chemoreflex Stress on Sympathetic Neural Recruitment Strategies. <i>FASEB Journal</i> , 2019 , 33, 838.14	0.9	1
248	Exploring Cerebrovascular Function in Osteoarthritis: "Heads-up". <i>Physiological Reports</i> , 2019 , 7, e142122.6	2.6	1
247	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	7.3	32
246	Osteoarthritis, cerebrovascular dysfunction and the common denominator of inflammation: a narrative review. <i>Osteoarthritis and Cartilage</i> , 2018 , 26, 462-470	6.2	18
245	Beneficial Pleiotropic Antidepressive Effects of Cardiovascular Disease Risk Factor Interventions in the Metabolic Syndrome. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	1
244	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	5.2	9

243	The human cortical autonomic network and volitional exercise in health and disease. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 1122-1130	3	11
242	Long-duration bed rest modifies sympathetic neural recruitment strategies in male and female participants. <i>Journal of Applied Physiology</i> , 2018 , 124, 769-779	3.7	15
241	Fifty years of microneurography: learning the language of the peripheral sympathetic nervous system in humans. <i>Journal of Neurophysiology</i> , 2018 , 119, 1731-1744	3.2	32
240	Cerebrovascular Compliance Within the Rigid Confines of the Skull. <i>Frontiers in Physiology</i> , 2018 , 9, 940	4.6	11
239	Horizon meeting on cardiovascular physiology: Dedicated to Dr. Mike Sharratt. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018 , 43, 865-868	3	
238	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	4.1	29
237	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	3.2	11
236	Cerebrovascular Compliance is Affected by Posture. <i>FASEB Journal</i> , 2018 , 32, 843.18	0.9	
235	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	5.2	17
234	The role of the paravertebral ganglia in human sympathetic neural discharge patterns. <i>Journal of Physiology</i> , 2018 , 596, 4497-4510	3.9	8
233	An Investigation of Dynamic Cerebral Autoregulation in Adolescent Concussion. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2192-2199	1.2	5
232	Sodium nitroglycerin induces middle cerebral artery vasodilatation in young, healthy adults. <i>Experimental Physiology</i> , 2018 , 103, 1047-1055	2.4	9
231	Impact of age on cerebrovascular dilation versus reactivity to hypercapnia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017 , 37, 344-355	7.3	39
230	Regional cerebral cortical thickness correlates with autonomic outflow. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017 , 207, 28-36	2.4	11
229	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	3.2	7
228	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	4.3	29
227	Ventilation inhibits sympathetic action potential recruitment even during severe chemoreflex stress. <i>Journal of Neurophysiology</i> , 2017 , 118, 2914-2924	3.2	16
226	Recruitment strategies in efferent sympathetic nerve activity. <i>Clinical Autonomic Research</i> , 2017 , 27, 369-378	4.3	11

225	Cardiac Baroreflex Variability and Resetting during Sustained Mild Effort. <i>Frontiers in Physiology</i> , 2017 , 8, 246	4.6	5
224	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	2.6	7
223	Metabolomics profiling of concussion in adolescent male hockey players: a novel diagnostic method. <i>Metabolomics</i> , 2016 , 12, 1	4.7	31
222	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	4	14
221	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, H628-38	5.2	77
220	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, 1859434	2.6	1
219	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, 8164518	3.9	9
218	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	5.3	24
217	Role of aortic arch vascular mechanics in cardiovagal baroreflex sensitivity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 311, R24-32	3.2	10
216	Human cerebral circuitry related to cardiac control: A neuroimaging meta-analysis. <i>Annals of Neurology</i> , 2016 , 79, 709-716	9.4	42
215	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	3.2	21
214	Effects of one's sex and sex hormones on sympathetic responses to chemoreflex activation. <i>Experimental Physiology</i> , 2016 , 101, 362-7	2.4	7
213	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	3.2	8
212	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	5.2	23
211	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	4.1	15
210	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, 631-9	3	6
209	Associations between heart rate variability, metabolic syndrome risk factors, and insulin resistance. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 734-40	3	18
208	Menstrual cycle and sex effects on sympathetic responses to acute chemoreflex stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H664-71	5.2	29

207	Early mobilization in the critical care unit: A review of adult and pediatric literature. <i>Journal of Critical Care</i> , 2015 , 30, 664-72	4	146
206	The Effects of Sex and Pubertal Maturation on Cardiovascular Baroreflex Sensitivity. <i>Journal of Pediatrics</i> , 2015 , 167, 1067-73	3.6	12
205	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	3.6	15
204	Sex difference in the influence of central blood volume mobilization on the exercise pressor response. <i>European Journal of Applied Physiology</i> , 2015 , 115, 2653-60	3.4	5
203	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	2.4	66
202	Positional differences in reactive hyperemia provide insight into initial phase of exercise hyperemia. <i>Journal of Applied Physiology</i> , 2015 , 119, 569-75	3.7	15
201	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, R475-81	3.2	39
200	Autonomic responses to exercise: deconditioning/inactivity. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015 , 188, 32-5	2.4	39
199	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, 527-33	3.7	4
198	Coronary artery disease affects cortical circuitry associated with brain-heart integration during volitional exercise. <i>Journal of Neurophysiology</i> , 2015 , 114, 835-45	3.2	4
197	Neural Control of Vascular Function in Skeletal Muscle. <i>Comprehensive Physiology</i> , 2015 , 6, 303-29	7.7	31
196	Sympathetic neural recruitment strategies: responses to severe chemoreflex and baroreflex stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R160-8	3.2	30
195	Forebrain neurocircuitry associated with human reflex cardiovascular control. <i>Frontiers in Physiology</i> , 2015 , 6, 240	4.6	62
194	Heterogeneous patterns of vasoreactivity in the middle cerebral and internal carotid arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 308, H1030-8	5.2	43
193	Forebrain organization for autonomic cardiovascular control. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015 , 188, 5-9	2.4	59
192	The association between arterial properties and blood pressure in children. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 72-8	3	16
191	Impaired Cerebrovascular Function in Coronary Artery Disease Patients and Recovery Following Cardiac Rehabilitation. <i>Frontiers in Aging Neuroscience</i> , 2015 , 7, 224	5.3	24
190	Impact of a smoking cessation lifestyle intervention on vascular mechanics in young women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 572-80	3	4

189	Cerebral blood flow velocity underestimates cerebral blood flow during modest hypercapnia and hypocapnia. <i>Journal of Applied Physiology</i> , 2014 , 117, 1090-6	3.7	231
188	Evidence of bidirectional flow in the sciatic vasa nervorum. <i>Microvascular Research</i> , 2014 , 94, 103-5	3.7	3
187	Effects of a Comprehensive, Intensive Lifestyle Intervention Combined with Metformin Extended Release in Obese Adolescents. <i>International Scholarly Research Notices</i> , 2014 , 2014, 659410	0	8
186	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, R941-50	3.2	18
185	Effect of age on the hemodynamic and sympathetic responses at the onset of isometric handgrip exercise. <i>Journal of Applied Physiology</i> , 2014 , 116, 222-7	3.7	31
184	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	3.3	2
183	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, 66-9	2.4	5
182	Baroreflex variability and "resetting": a new perspective. <i>Journal of Biomechanics</i> , 2014 , 47, 237-44	2.9	5
181	CCISS, Vascular and BP Reg: Canadian space life science research on ISS. <i>Acta Astronautica</i> , 2014 , 104, 444-448	2.9	3
180	Alveolar gas exchange, oxygen delivery and tissue deoxygenation in men and women during incremental exercise. <i>Respiratory Physiology and Neurobiology</i> , 2013 , 188, 102-12	2.8	14
179	Evidence for a medial prefrontal cortex-hippocampal axis associated with heart rate control in conscious humans. <i>Brain Research</i> , 2013 , 1538, 104-15	3.7	22
178	An investigation of changes in regional gray matter volume in cardiovascular disease patients, pre and post cardiovascular rehabilitation. <i>NeuroImage: Clinical</i> , 2013 , 3, 388-95	5.3	25
177	Innovation to reduce cardiovascular complications of diabetes at the intersection of discovery, prevention and knowledge exchange. <i>Canadian Journal of Diabetes</i> , 2013 , 37, 282-93	2.1	6
176	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, 149-56	2.8	3
175	Effect of exercise training on diastolic function in metabolic syndrome. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013 , 38, 545-50	3	7
174	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	3	12
173	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, R157-63	3.2	8
172	Climate change. What role for short-lived climate pollutants in mitigation policy?. <i>Science</i> , 2013 , 342, 1323-4	33.3	78

171	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	5.6	59
170	Reduced heart rate variability during sleep in long-duration spaceflight. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013 , 305, R164-70	3.2	19
169	Cerebral critical closing pressure and CO2 responses during the progression toward syncope. <i>Journal of Applied Physiology</i> , 2013 , 114, 801-7	3.7	10
168	Arrangement of sympathetic fibers within the human common peroneal nerve: implications for microneurography. <i>Journal of Applied Physiology</i> , 2013 , 115, 1553-61	3.7	16
167	Hormone phase dependency of neural responses to chemoreflex-driven sympathoexcitation in young women using hormonal contraceptives. <i>Journal of Applied Physiology</i> , 2013 , 115, 1415-22	3.7	14
166	Relationship between Birth Weight and Metabolic Status in Obese Adolescents. <i>ISRN Obesity</i> , 2013 , 2013, 490923		4
165	Non-alpha-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	5.6	10
164	Altered cortical activation patterns associated with baroreflex unloading following 24 h of physical deconditioning. <i>Experimental Physiology</i> , 2012 , 97, 1249-62	2.4	13
163	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, 277-84	3.4	10
162	Cardiac mechanoreceptor function implicated during premature ventricular contraction. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012 , 167, 50-5	2.4	3
161	Therapeutic benefit of internet-based lifestyle counselling for hypertension. <i>Canadian Journal of Cardiology</i> , 2012 , 28, 390-6	3.8	41
160	Intrinsic microvasculature of the sciatic nerve in the rat. <i>Journal of the Peripheral Nervous System</i> , 2012 , 17, 377-84	4.7	10
159	Y1R control of sciatic nerve blood flow in the Wistar Kyoto rat. <i>Microvascular Research</i> , 2012 , 84, 133-9	3.7	4
158	The association between baroreflex sensitivity and blood pressure in children. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 301-7	3	22
157	Central versus peripheral cardiovascular risk in metabolic syndrome. <i>Frontiers in Physiology</i> , 2012 , 3, 38	4.6	14
156	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, 1375-84	2.1	30
155	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, R1157-64	3.2	15
154	Baroreflex mechanisms regulating the occurrence of neural spikes in human muscle sympathetic nerve activity. <i>Journal of Neurophysiology</i> , 2012 , 107, 3409-16	3.2	28

153	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, R633-8	3.2	14
152	Forebrain organization representing baroreceptor gating of somatosensory afferents within the cortical autonomic network. <i>Journal of Neurophysiology</i> , 2012 , 108, 453-66	3.2	27
151	Impaired cerebrovascular autoregulation and reduced CO ₂ reactivity after long duration spaceflight. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H2592-8	5.2	54
150	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, R77-85	3.2	11
149	Influence of hyperglycemia during and after pregnancy on postpartum vascular function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R768-75	3.2	22
148	Heart rate and daily physical activity with long-duration habitation of the International Space Station. <i>Aviation, Space, and Environmental Medicine</i> , 2012 , 83, 577-84		18
147	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, 176-83	3	7
146	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		2
145	WISE 2005: responses of women to sublingual nitroglycerin before and after 56 days of 6 μ head-down bed rest. <i>Journal of Applied Physiology</i> , 2012 , 113, 434-41	3.7	5
144	Cardiovascular regulation during long-duration spaceflights to the International Space Station. <i>Journal of Applied Physiology</i> , 2012 , 112, 719-27	3.7	56
143	Sex-specific sympathetic responses to chemoreflex stress in healthy young men and women. <i>FASEB Journal</i> , 2012 , 26, 1091.10	0.9	
142	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	0.9	
141	Sexual dimorphism of vascular mechanics in rats. <i>FASEB Journal</i> , 2012 , 26, 859.7	0.9	
140	Differential regulation of sympathetic burst frequency and amplitude following acute hypoxia. <i>FASEB Journal</i> , 2012 , 26, 893.14	0.9	
139	Representation of somatosensory inputs within the cortical autonomic network. <i>NeuroImage</i> , 2011 , 54, 1211-20	7.9	37
138	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	2.8	10
137	Myogenic activity in autoregulation during low frequency oscillations. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011 , 159, 104-10	2.4	13
136	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	2.4	26

135	Adrenergic effects on low-frequency oscillations in blood pressure and R-R intervals during sympathetic activation. <i>Experimental Physiology</i> , 2011 , 96, 718-35	2.4	12
134	Adrenergic and myogenic regulation of viscoelasticity in the vascular bed of the human forearm. <i>Experimental Physiology</i> , 2011 , 96, 1129-37	2.4	8
133	Stuttered swallowing: electric stimulation of the right insula interferes with water swallowing. A case report. <i>BMC Neurology</i> , 2011 , 11, 20	3.1	11
132	Rodent cardiovascular responses to baroreceptor unloading: effect of plane of anaesthesia. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011 , 36, 376-81	3	7
131	Bed-rest exercise, activity restriction, and high-risk pregnancies: a feasibility study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2011 , 36, 577-82	3	6
130	System identification of baroreflex response to mild lower body negative pressure. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 2550-3	0.9	
129	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, 928-35	4.1	39
128	Sympathetic neural recruitment patterns during the Valsalva maneuver. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2011 , 2011, 6951-4	0.9	19
127	Relationship between size and latency of action potentials in human muscle sympathetic nerve activity. <i>Journal of Neurophysiology</i> , 2011 , 105, 2830-42	3.2	46
126	Hemodynamics and cardiac function in adults with increasing metabolic risk. <i>FASEB Journal</i> , 2011 , 25, 1028.1	0.9	
125	Adrenergic blockade inhibits systemic vasoconstriction during handgrip exercise and muscle metaboreflex activation but not during orthostatic challenge. <i>FASEB Journal</i> , 2011 , 25, 1027.10	0.9	
124	Modelflow estimates of cardiac output compared with Doppler ultrasound during acute changes in vascular resistance in women. <i>Experimental Physiology</i> , 2010 , 95, 561-8	2.4	40
123	WISE-2005: prolongation of left ventricular pre-ejection period with 56 days head-down bed rest in women. <i>Experimental Physiology</i> , 2010 , 95, 1081-8	2.4	9
122	Sympathetic neural activation: an ordered affair. <i>Journal of Physiology</i> , 2010 , 588, 4825-36	3.9	59
121	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, 451-7	4.7	17
120	Estrogen modulates the contribution of neuropeptide Y to baseline hindlimb blood flow control in female Sprague-Dawley rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R1351-7	3.2	10
119	Ventilatory restraint of sympathetic activity during chemoreflex stress. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R1407-14	3.2	26
118	The cardioinhibitory responses of the right posterior insular cortex in an epileptic patient. <i>Stereotactic and Functional Neurosurgery</i> , 2010 , 88, 390-7	1.6	14

117	Autonomic and cardiovascular responses to chemoreflex stress in apnoea divers. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010 , 156, 138-43	2.4	16
116	Low-frequency oscillations in R-R interval and blood pressure across the continuum of cardiovascular risk. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2010 , 158, 92-9	2.4	9
115	Detection of single action potential in multi-unit postganglionic sympathetic nerve recordings in humans: A matched wavelet approach 2010 ,		1
114	Longitudinal changes in central artery stiffness with lifestyle modification, washout, and drug treatment in individuals at risk for cardiovascular disease. <i>Metabolic Syndrome and Related Disorders</i> , 2010 , 8, 323-9	2.6	
113	Does Lifestyle Modification Reduce Central Artery Stiffness Similarly In Both Genders?. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 312	1.2	
112	Peripheral chemoreflex regulation of sympathetic vasomotor tone in apnea divers. <i>Clinical Autonomic Research</i> , 2010 , 20, 57-63	4.3	17
111	Spike detection in human muscle sympathetic nerve activity using a matched wavelet approach. <i>Journal of Neuroscience Methods</i> , 2010 , 193, 343-55	3	51
110	Estrogen and sympathetic modulation of hindlimb blood flow variability in rats. <i>FASEB Journal</i> , 2010 , 24, 1039.13	0.9	
109	Impact of wall filter selection on the detection of vasomotor changes in the brachial artery: a pilot study. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009 , 34, 212-5	3	
108	Metabolic syndrome, endothelial function and lifestyle modification. <i>Diabetes and Vascular Disease Research</i> , 2009 , 6, 181-9	3.3	22
107	Dynamic responsiveness of the vascular bed as a regulatory mechanism in vasomotor control. <i>Journal of General Physiology</i> , 2009 , 134, 69-75	3.4	11
106	Neuropeptide Y and neurovascular control in skeletal muscle and skin. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 297, R546-55	3.2	37
105	Hypercapnic vs. hypoxic control of cardiovascular, cardiovagal, and sympathetic function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R402-10	3.2	67
104	Cerebral and muscle deoxygenation, hypoxic ventilatory chemosensitivity and cerebrovascular responsiveness during incremental exercise. <i>Respiratory Physiology and Neurobiology</i> , 2009 , 169, 24-35	2.8	33
103	The use of group dynamics strategies to enhance cohesion in a lifestyle intervention program for obese children. <i>BMC Public Health</i> , 2009 , 9, 277	4.1	11
102	Lifestyle modification and metformin as long-term treatment options for obese adolescents: study protocol. <i>BMC Public Health</i> , 2009 , 9, 434	4.1	9
101	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, 249-56	7.4	35
100	Functional neuroanatomy of autonomic regulation. <i>NeuroImage</i> , 2009 , 47, 795-803	7.9	72

99	Modeling Forearm Vascular Mechanics in Hypertension. <i>FASEB Journal</i> , 2009 , 23, 1017.41	0.9	
98	Beta-arrestin and vasomotor control in the spontaneously hypertensive rat. <i>FASEB Journal</i> , 2009 , 23, 1017.45	0.9	
97	Restoration of hemodynamics in apnea struggle phase in association with involuntary breathing movements. <i>Respiratory Physiology and Neurobiology</i> , 2008 , 161, 174-81	2.8	37
96	High-normal blood pressure, impaired glucose regulation and metabolic syndrome have variable impact on central artery stiffness. <i>Diabetes Research and Clinical Practice</i> , 2008 , 81, 72-8	7.4	10
95	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, H1846-54	5.2	57
94	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, R1181-7	3.2	19
93	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, 938-43	3.7	20
92	Performance analysis of stationary and discrete wavelet transform for action potential detection from sympathetic nerve recordings in humans. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 2932-5	0.9	7
91	Splenic constriction during isometric handgrip exercise in humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 990-6	3	26
90	Neuropeptide Y and age-related development of hypertension in the rat. <i>FASEB Journal</i> , 2008 , 22, 968.18.9		
89	Human muscle sympathetic action potential patterns during graded lower body negative pressure. <i>FASEB Journal</i> , 2008 , 22, 740.1	0.9	
88	Vasomotor changes in controlled and uncontrolled hypertension. <i>FASEB Journal</i> , 2008 , 22, 737.18	0.9	
87	Hypovolemia affects cortical activity patterns associated with the cardiovascular response to moderate lower body negative pressure (LBNP). <i>FASEB Journal</i> , 2008 , 22, 740.15	0.9	
86	Effect of Supplemental O ₂ on Cerebral and Muscle Deoxygenation during Severe Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S115	1.2	
85	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, 2018-25	3.7	18
84	Heterogeneity of responses to orthostatic stress in homozygous twins. <i>Journal of Applied Physiology</i> , 2007 , 102, 249-54	3.7	15
83	Role of vascular bed compliance in vasomotor control in human skeletal muscle. <i>Experimental Physiology</i> , 2007 , 92, 841-8	2.4	20
82	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, H299-306	5.2	23

81	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, R715-22	3.2	41
80	WISE-2005: adrenergic responses of women following 56-days, 6 degrees head-down bed rest with or without exercise countermeasures. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 293, R2343-52	3.2	19
79	Hemodilution impairs cerebral autoregulation, demonstrating the complexity of integrative physiology. <i>Anesthesia and Analgesia</i> , 2007 , 105, 1179-81	3.9	3
78	WISE 2005: stroke volume changes contribute to the pressor response during ischemic handgrip exercise in women. <i>Journal of Applied Physiology</i> , 2007 , 103, 228-33	3.7	72
77	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, 1402-11	3.7	56
76	Spleen and cardiovascular function during short apneas in divers. <i>Journal of Applied Physiology</i> , 2007 , 103, 1958-63	3.7	43
75	Cerebral and muscle tissue oxygenation in acute hypoxic ventilatory response test. <i>Respiratory Physiology and Neurobiology</i> , 2007 , 155, 71-81	2.8	26
74	Challenges and opportunities in processing muscle sympathetic nerve activity with wavelet denoising techniques: detecting single action potentials in multiunit sympathetic nerve recordings in humans. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2007 , 134, 92-105	2.4	7
73	Ventral medial prefrontal cortex and cardiovagal control in conscious humans. <i>NeuroImage</i> , 2007 , 35, 698-708	7.9	165
72	Modeling reflex changes in pulsatile mechanics emphasizes a role for vascular capacitance in forearm vasomotor control. <i>FASEB Journal</i> , 2007 , 21, A563	0.9	
71	Modeling Mechanical Determinants of Skeletal Muscle Perfusion. <i>FASEB Journal</i> , 2007 , 21, A563	0.9	
70	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, H1446-53	5.2	90
69	Comment on: point: counterpoint: "the muscle metaboreflex does/does not restore blood flow to contracting muscles" vol. 100: 357-361, 2006. Muscle metaboreflex--functional or futile?. <i>Journal of Applied Physiology</i> , 2006 , 100, 1084	3.7	
68	Male versus Female Forebrain Associations with Cardiodynamic Response during Isometric Exercise. <i>FASEB Journal</i> , 2006 , 20, A769	0.9	
67	Comparison of cardiovascular responses between lower body negative pressure and head-up tilt. <i>Journal of Applied Physiology</i> , 2005 , 98, 2081-6	3.7	53
66	Reflex-mediated reduction in human cerebral blood volume. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, 136-43	7.3	28
65	Gender-modulated endogenous baseline neuropeptide Y Y1-receptor activation in the hindlimb of Sprague-Dawley rats. <i>Journal of Physiology</i> , 2005 , 562, 285-94	3.9	25
64	Cortical regions associated with autonomic cardiovascular regulation during lower body negative pressure in humans. <i>Journal of Physiology</i> , 2005 , 569, 331-45	3.9	160

63	Neuropeptide Y bioavailability is suppressed in the hindlimb of female Sprague-Dawley rats. <i>Journal of Physiology</i> , 2005 , 568, 573-81	3.9	15
62	Carotid distensibility, baroreflex sensitivity, and orthostatic stress. <i>Journal of Applied Physiology</i> , 2005 , 99, 64-70	3.7	30
61	Feedback effects of circulating norepinephrine on sympathetic outflow in healthy subjects. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 288, H710-5	5.2	19
60	Relating drug-induced changes in carotid artery mechanics to cardiovagal and sympathetic baroreflex control. <i>Canadian Journal of Physiology and Pharmacology</i> , 2005 , 83, 439-46	2.4	12
59	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, 1822-34	3.7	66
58	Cerebral And Muscle Tissue Oxygenation In Hypoxic Ventilatory Response Test. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S295	1.2	
57	Blood Flow In The Human Anterior Tibial Artery Following Ischemic Isometric Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S222	1.2	
56	Y ₁ - and alpha ₁ -receptor control of basal hindlimb vascular tone. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 287, R228-33	3.2	21
55	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, R670-9	3.2	31
54	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	2.4	54
53	Searching for the Vascular Component of the Arterial Baroreflex. <i>Cardiovascular Engineering (Dordrecht, Netherlands)</i> , 2004 , 4, 155-162		2
52	Peripheral pulse pressure responses to postural stress do not reflect those at the carotid artery. <i>Clinical Physiology and Functional Imaging</i> , 2004 , 24, 40-5	2.4	9
51	Human cardiovascular and gustatory brainstem sites observed by functional magnetic resonance imaging. <i>Journal of Comparative Neurology</i> , 2004 , 471, 446-61	3.4	54
50	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	2.4	45
49	Orthostatic hypotension occurs frequently in the first hour after anesthesia. <i>Anesthesia and Analgesia</i> , 2004 , 98, 40-45	3.9	31
48	Peripheral Chemoreceptor Contributions to Cardiovascular Regulation. <i>Cardiology</i> , 2004 , 4, 190-200		2
47	Is the blood flow response to a single contraction determined by work performed?. <i>Journal of Applied Physiology</i> , 2004 , 96, 2146-52	3.7	33
46	Hypovolemia and MSNA discharge patterns: assessing and interpreting sympathetic responses. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003 , 284, H1198-204	5.2	25

45	Head position modifies cerebrovascular response to orthostatic stress. <i>Brain Research</i> , 2003 , 961, 261-8	3.7	25
44	Circulating norepinephrine and cerebrovascular control in conscious humans. <i>Clinical Physiology and Functional Imaging</i> , 2003 , 23, 314-9	2.4	31
43	Combined head-up tilt and lower body negative pressure as an experimental model of orthostatic syncope. <i>Journal of Cardiovascular Electrophysiology</i> , 2003 , 14, 920-4	2.7	36
42	Differential effect of head-up tilt on cardiovagal and sympathetic baroreflex sensitivity in humans. <i>Experimental Physiology</i> , 2003 , 88, 769-74	2.4	60
41	Sympathetic responses to Valsalva's manoeuvre following bed rest. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2003 , 28, 342-55		13
40	Evidence for sympatholysis at the onset of forearm exercise. <i>Journal of Applied Physiology</i> , 2002 , 93, 555-60	3.7	23
39	Dynamic modulation of cerebrovascular resistance as an index of autoregulation under tilt and controlled PET(CO ₂). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 283, R653-62	3.2	45
38	Peripheral chemoreceptor contributions to sympathetic and cardiovascular responses during hypercapnia. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002 , 80, 1136-44	2.4	54
37	Hypovolemia and neurovascular control during orthostatic stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002 , 282, H645-55	5.2	68
36	The gravity of LBNP exercise: preliminary lessons learned from identical twins in bed for 30 days. <i>Journal of Gravitational Physiology: A Journal of the International Society for Gravitational Physiology</i> , 2002 , 9, P59-62		
35	Effects of pharmacological adrenergic and vagal modulation on fractal heart rate dynamics. <i>Clinical Physiology</i> , 2001 , 21, 515-23		93
34	Changes in cerebral oxygenation and blood flow during LBNP in spinal cord-injured individuals. <i>Journal of Applied Physiology</i> , 2001 , 91, 2199-204	3.7	21
33	PET(CO ₂) inversely affects MSNA response to orthostatic stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H1040-6	5.2	23
32	Gender affects sympathetic and hemodynamic response to postural stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 281, H2028-35	5.2	179
31	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, R1741-7	3.2	64
30	Critical analysis of cerebrovascular autoregulation during repeated head-up tilt. <i>Stroke</i> , 2001 , 32, 2403-86.	7	73
29	ACETYLCHOLINESTERASE INHIBITION AUGMENTS THE SYMPATHETIC NEURAL RESPONSE TO POSTURAL STRESS. <i>Medicine and Science in Sports and Exercise</i> , 2001 , 33, S200	1.2	
28	Effects of forearm bier block with bretylium on the hemodynamic and metabolic responses to handgrip. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H586-93	5.2	14

27	Dissociation of muscle sympathetic nerve activity and leg vascular resistance in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H1215-9	5.2	39
26	Cerebral vasoconstriction precedes orthostatic intolerance after parabolic flight. <i>Brain Research Bulletin</i> , 2000 , 53, 113-20	3.9	23
25	MRI measures of middle cerebral artery diameter in conscious humans during simulated orthostasis. <i>Stroke</i> , 2000 , 31, 1672-8	6.7	580
24	Upright posture reduces forearm blood flow early in exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999 , 276, R1434-42	3.2	15
23	Blood flow dynamics in heart failure. <i>Circulation</i> , 1999 , 99, 3002-8	16.7	55
22	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, 177-84		52
21	Prostaglandin inhibition causes an increase in reactive hyperaemia after ischaemic exercise in human forearm. <i>Clinical Physiology</i> , 1999 , 19, 211-20		12
20	Adaptation of blood flow during the rest to work transition in humans. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 1019-26	1.2	60
19	Vasodilation contributes to the rapid hyperemia with rhythmic contractions in humans. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998 , 76, 418-427	2.4	63
18	Maintained exercise pressor response in heart failure. <i>Journal of Applied Physiology</i> , 1998 , 85, 1793-9	3.7	29
17	Sympathetic discharge and vascular resistance after bed rest. <i>Journal of Applied Physiology</i> , 1998 , 84, 612-7	3.7	41
16	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, 1622-8	3.7	145
15	Head-down-tilt bed rest alters forearm vasodilator and vasoconstrictor responses. <i>Journal of Applied Physiology</i> , 1998 , 84, 1756-62	3.7	48
14	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, 2249-54	3.7	80
13	Vasodilation contributes to the rapid hyperemia with rhythmic contractions in humans. <i>Canadian Journal of Physiology and Pharmacology</i> , 1998 , 76, 418-27	2.4	23
12	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	1.2	10
11	Time course of brachial artery diameter responses to rhythmic handgrip exercise in humans. <i>Cardiovascular Research</i> , 1997 , 35, 125-31	9.9	50
10	Augmented sympathetic tone alters muscle metabolism with exercise: lack of evidence for functional sympatholysis. <i>Journal of Applied Physiology</i> , 1997 , 82, 1932-8	3.7	27

9	Failure of manual massage to alter limb blood flow: measures by Doppler ultrasound. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 610-4	1.2	67
8	Faster femoral artery blood velocity kinetics at the onset of exercise following short-term training. <i>Cardiovascular Research</i> , 1996 , 31, 278-286	9.9	70
7	Dependence of muscle VO ₂ on blood flow dynamics at onset of forearm exercise. <i>Journal of Applied Physiology</i> , 1996 , 81, 1619-26	3.7	146
6	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, 1516-21	3.7	53
5	Forearm blood flow by Doppler ultrasound during test and exercise: tests of day-to-day repeatability. <i>Medicine and Science in Sports and Exercise</i> , 1996 , 28, 1144-9	1.2	55
4	Beat-by-beat forearm blood flow with Doppler ultrasound and strain-gauge plethysmography. <i>Journal of Applied Physiology</i> , 1995 , 79, 713-9	3.7	65
3	Effleurage massage, muscle blood flow and long-term post-exercise strength recovery. <i>International Journal of Sports Medicine</i> , 1995 , 16, 478-83	3.6	91
2	Vascular actions of insulin in health and disease. <i>Applied Physiology, Nutrition, and Metabolism</i> , 1995 , 20, 127-54		13
1	Cardiorespiratory kinetics and femoral artery blood velocity during dynamic knee extension exercise. <i>Journal of Applied Physiology</i> , 1994 , 77, 2625-32	3.7	62