

Andr Diedrich

List of Publications by Citations

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172
papers

6,388
citations

45
h-index

71
g-index

179
ext. papers

7,223
ext. citations

6.2
avg, IF

5.14
L-index

#	Paper	IF	Citations
172	Carotid baroreceptor stimulation, sympathetic activity, baroreflex function, and blood pressure in hypertensive patients. <i>Hypertension</i> , 2010 , 55, 619-26	8.5	301
171	The pressor response to water drinking in humans : a sympathetic reflex?. <i>Circulation</i> , 2000 , 101, 504-9	16.7	273
170	Water drinking as a treatment for orthostatic syndromes. <i>American Journal of Medicine</i> , 2002 , 112, 355-60	16.7	168
169	Catheter-based renal nerve ablation and centrally generated sympathetic activity in difficult-to-control hypertensive patients: prospective case series. <i>Hypertension</i> , 2012 , 60, 1485-90	8.5	141
168	Sympathetically mediated hypertension in autonomic failure. <i>Circulation</i> , 2000 , 101, 2710-5	16.7	140
167	Women have lower tonic autonomic support of arterial blood pressure and less effective baroreflex buffering than men. <i>Circulation</i> , 2005 , 111, 494-8	16.7	139
166	Human muscle sympathetic neural and haemodynamic responses to tilt following spaceflight. <i>Journal of Physiology</i> , 2002 , 538, 331-40	3.9	138
165	Interaction of carbon dioxide and sympathetic nervous system activity in the regulation of cerebral perfusion in humans. <i>Hypertension</i> , 2000 , 36, 383-8	8.5	122
164	Human muscle sympathetic nerve activity and plasma noradrenaline kinetics in space. <i>Journal of Physiology</i> , 2002 , 538, 321-9	3.9	115
163	Autonomic contribution to blood pressure and metabolism in obesity. <i>Hypertension</i> , 2007 , 49, 27-33	8.5	114
162	Endurance exercise training in orthostatic intolerance: a randomized, controlled trial. <i>Hypertension</i> , 2005 , 45, 391-8	8.5	106
161	Autonomic cardiovascular and respiratory control during prolonged spaceflights aboard the International Space Station. <i>Journal of Applied Physiology</i> , 2007 , 103, 156-61	3.7	103
160	Selective norepinephrine reuptake inhibition as a human model of orthostatic intolerance. <i>Circulation</i> , 2002 , 105, 347-53	16.7	96
159	Water ingestion as prophylaxis against syncope. <i>Circulation</i> , 2003 , 108, 2660-5	16.7	95
158	Analysis of raw microneurographic recordings based on wavelet de-noising technique and classification algorithm: wavelet analysis in microneurography. <i>IEEE Transactions on Biomedical Engineering</i> , 2003 , 50, 41-50	5	92
157	Human cerebral autoregulation before, during and after spaceflight. <i>Journal of Physiology</i> , 2007 , 579, 799-810	3.9	87
156	Acarbose, an alpha-glucosidase inhibitor, attenuates postprandial hypotension in autonomic failure. <i>Hypertension</i> , 2007 , 50, 54-61	8.5	82

155	Cardiovascular regulation during apnea in elite divers. <i>Hypertension</i> , 2009 , 53, 719-24	8.5	81
154	Diabetic hypertensive leptin receptor-deficient db/db mice develop cardiorespiratory autonomic dysfunction. <i>Hypertension</i> , 2009 , 53, 387-92	8.5	79
153	Contribution of endothelial nitric oxide to blood pressure in humans. <i>Hypertension</i> , 2007 , 49, 170-7	8.5	79
152	Genetic influences on baroreflex function in normal twins. <i>Hypertension</i> , 2001 , 37, 907-10	8.5	79
151	Portal osmopressor mechanism linked to transient receptor potential vanilloid 4 and blood pressure control. <i>Hypertension</i> , 2010 , 55, 1438-43	8.5	77
150	Norepinephrine transporter blockade with atomoxetine induces hypertension in patients with impaired autonomic function. <i>Hypertension</i> , 2007 , 50, 47-53	8.5	75
149	The sympathetic nervous system in hypertension: assessment by blood pressure variability and ganglionic blockade. <i>Journal of Hypertension</i> , 2003 , 21, 1677-86	1.9	74
148	Efficacy of atomoxetine versus midodrine for the treatment of orthostatic hypotension in autonomic failure. <i>Hypertension</i> , 2014 , 64, 1235-40	8.5	72
147	Baroreflex buffering and susceptibility to vasoactive drugs. <i>Circulation</i> , 2002 , 105, 1459-64	16.7	71
146	Nocturnal blood pressure dipping in the hypertension of autonomic failure. <i>Hypertension</i> , 2009 , 53, 363-8	8.5	70
145	Clonidine improves spontaneous baroreflex sensitivity in conscious mice through parasympathetic activation. <i>Hypertension</i> , 2004 , 43, 1042-7	8.5	70
144	Cardiovascular and sympathetic neural responses to handgrip and cold pressor stimuli in humans before, during and after spaceflight. <i>Journal of Physiology</i> , 2002 , 544, 653-64	3.9	68
143	Influence of microgravity on astronauts' sympathetic and vagal responses to Valsalva manoeuvre. <i>Journal of Physiology</i> , 2002 , 538, 309-20	3.9	66
142	Baroreflex regulation of heart rate and sympathetic vasomotor tone in women and men. <i>Hypertension</i> , 2005 , 45, 1159-64	8.5	66
141	Controlled breathing protocols probe human autonomic cardiovascular rhythms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998 , 274, H709-18	5.2	62
140	Increased sympathetic activation in idiopathic orthostatic intolerance: role of systemic adrenoceptor sensitivity. <i>Hypertension</i> , 2002 , 39, 173-8	8.5	59
139	Modulation of QT interval during autonomic nervous system blockade in humans. <i>Circulation</i> , 2002 , 106, 2238-43	16.7	58
138	Wavelet methods for spike detection in mouse renal sympathetic nerve activity. <i>IEEE Transactions on Biomedical Engineering</i> , 2007 , 54, 82-93	5	54

137	Baroreflex sensitivity associated hypoalgesia in healthy states is altered by chronic pain. <i>Pain</i> , 2008 , 138, 87-97	8	53
136	Regulator of G protein signalling 2 ameliorates angiotensin II-induced hypertension in mice. <i>Experimental Physiology</i> , 2007 , 92, 1014-22	2.4	53
135	Clonidine for the treatment of supine hypertension and pressure natriuresis in autonomic failure. <i>Hypertension</i> , 2006 , 47, 522-6	8.5	53
134	Severely impaired baroreflex-buffering in patients with monogenic hypertension and neurovascular contact. <i>Circulation</i> , 2000 , 102, 2611-8	16.7	53
133	Electrical activation of the human vestibulo-sympathetic reflex. <i>Experimental Brain Research</i> , 2006 , 171, 251-61	2.3	52
132	Selective impairment in sympathetic vasomotor control with norepinephrine transporter inhibition. <i>Circulation</i> , 2003 , 107, 2949-54	16.7	52
131	Modafinil elicits sympathomedullary activation. <i>Hypertension</i> , 2005 , 45, 612-8	8.5	52
130	Norepinephrine transporter-deficient mice exhibit excessive tachycardia and elevated blood pressure with wakefulness and activity. <i>Circulation</i> , 2004 , 110, 1191-6	16.7	51
129	Sequential modulation of cardiac autonomic control induced by cardiopulmonary and arterial baroreflex mechanisms. <i>Circulation</i> , 2001 , 104, 2932-7	16.7	49
128	Influences of gender on the interaction between sympathetic nerve traffic and central adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008 , 93, 4974-8	5.6	47
127	Plasma and blood volume in space. <i>American Journal of the Medical Sciences</i> , 2007 , 334, 80-5	2.2	45
126	Beta-adrenergic and atrial natriuretic peptide interactions on human cardiovascular and metabolic regulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 5069-75	5.6	45
125	Influence of sibutramine treatment on sympathetic vasomotor tone in obese subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2006 , 79, 500-8	6.1	45
124	Efficacy of Servo-Controlled Splanchnic Venous Compression in the Treatment of Orthostatic Hypotension: A Randomized Comparison With Midodrine. <i>Hypertension</i> , 2016 , 68, 418-26	8.5	43
123	Distal sudomotor findings in postural tachycardia syndrome. <i>Clinical Autonomic Research</i> , 2010 , 20, 93-9	4.3	42
122	The nature of the autonomic dysfunction in multiple system atrophy. <i>Journal of the Neurological Sciences</i> , 2002 , 200, 1-10	3.2	42
121	Role of adenosine and nitric oxide on the mechanisms of action of dipyridamole. <i>Stroke</i> , 2005 , 36, 2170-5	5.7	40
120	Pressor effect of water drinking in tetraplegic patients may be a spinal reflex. <i>Hypertension</i> , 2003 , 41, 1234-9	8.5	40

119	Cystathionine γ -Lyase-Produced Hydrogen Sulfide Controls Endothelial NO Bioavailability and Blood Pressure. <i>Hypertension</i> , 2018 , 71, 1210-1217	8.5	39
118	Acute Response to Unilateral Unipolar Electrical Carotid Sinus Stimulation in Patients With Resistant Arterial Hypertension. <i>Hypertension</i> , 2016 , 67, 585-91	8.5	39
117	Excessive nitric oxide function and blood pressure regulation in patients with autonomic failure. <i>Hypertension</i> , 2008 , 51, 1531-6	8.5	39
116	Influences of norepinephrine transporter function on the distribution of sympathetic activity in humans. <i>Hypertension</i> , 2006 , 48, 120-6	8.5	38
115	Alpha-2 adrenergic transmission and human baroreflex regulation. <i>Hypertension</i> , 2004 , 43, 1035-41	8.5	38
114	Synergistic effect of norepinephrine transporter blockade and α antagonism on blood pressure in autonomic failure. <i>Hypertension</i> , 2012 , 59, 650-6	8.5	37
113	Heart rate variability and baroreflex function in AT2 receptor-disrupted mice. <i>Hypertension</i> , 2002 , 40, 207-13	8.5	37
112	Spike detection in human muscle sympathetic nerve activity using the kurtosis of stationary wavelet transform coefficients. <i>Journal of Neuroscience Methods</i> , 2007 , 160, 359-67	3	36
111	Norepinephrine transporter inhibition prevents tilt-induced pre-syncope. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 516-22	15.1	35
110	The relationship between resting blood pressure and acute pain sensitivity: effects of chronic pain and alpha-2 adrenergic blockade. <i>Journal of Behavioral Medicine</i> , 2008 , 31, 71-80	3.6	34
109	Water potentiates the pressor effect of ephedra alkaloids. <i>Circulation</i> , 2004 , 109, 1823-5	16.7	34
108	Autonomic blockade improves insulin sensitivity in obese subjects. <i>Hypertension</i> , 2014 , 64, 867-74	8.5	32
107	Dysfunctional vestibular system causes a blood pressure drop in astronauts returning from space. <i>Scientific Reports</i> , 2015 , 5, 17627	4.9	32
106	Postural tachycardia syndrome and inappropriate sinus tachycardia: role of autonomic modulation and sinus node automaticity. <i>Journal of the American Heart Association</i> , 2014 , 3, e000700	6	32
105	Blockade of nucleoside transport is required for delivery of intraarterial adenosine into the interstitium: relevance to therapeutic preconditioning in humans. <i>Circulation</i> , 2003 , 108, 2631-5	16.7	32
104	Heart rate variability during sleep in children with autism spectrum disorder. <i>Clinical Autonomic Research</i> , 2016 , 26, 423-432	4.3	32
103	Lateralization of expression of neural sympathetic activity to the vessels and effects of carotid baroreceptor stimulation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 296, H1758-65	5.2	31
102	Adenosine, a metabolic trigger of the exercise pressor reflex in humans. <i>Hypertension</i> , 2001 , 37, 917-22	8.5	31

101	Altered systemic hemodynamic and baroreflex response to angiotensin II in postural tachycardia syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 173-80	6.4	30
100	Central chemoreflex sensitivity and sympathetic neural outflow in elite breath-hold divers. <i>Journal of Applied Physiology</i> , 2008 , 104, 205-11	3.7	30
99	Autonomic Blockade Reverses Endothelial Dysfunction in Obesity-Associated Hypertension. <i>Hypertension</i> , 2016 , 68, 1004-10	8.5	29
98	Techniques used for the determination of blood volume. <i>American Journal of the Medical Sciences</i> , 2007 , 334, 32-6	2.2	28
97	Interacting influences of gender and chronic pain status on parasympathetically mediated heart rate variability in adolescents and young adults. <i>Pain</i> , 2017 , 158, 1509-1516	8	27
96	Bound leptin and sympathetic outflow in nonobese men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4955-9	5.6	27
95	The function of the autonomic nervous system during spaceflight. <i>Clinical Autonomic Research</i> , 2015 , 25, 141-51	4.3	26
94	Sympathetic activation is associated with increased IL-6, but not CRP in the absence of obesity: lessons from postural tachycardia syndrome and obesity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H2098-107	5.2	26
93	Hormonal influences on cardiovascular norepinephrine transporter responses in healthy women. <i>Hypertension</i> , 2008 , 51, 1203-9	8.5	26
92	Calcitonin gene-related peptide (CGRP) in autonomic cardiovascular regulation and vascular structure. <i>Journal of the American Society of Hypertension</i> , 2014 , 8, 286-96		25
91	Influences of donepezil on cardiovascular system--possible therapeutic benefits for heart failure--donepezil cardiac test registry (DOCTER) study. <i>Journal of Cardiovascular Pharmacology</i> , 2012 , 60, 310-4	3.1	25
90	Cardiovascular autonomic regulation in Non-Obese Diabetic (NOD) mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008 , 138, 108-13	2.4	25
89	Effects of unilateral and bilateral carotid baroreflex stimulation on cardiac and neural sympathetic discharge oscillatory patterns. <i>Circulation</i> , 2003 , 108, 717-23	16.7	25
88	Management of hypertension in the setting of autonomic failure: a pathophysiological approach. <i>Hypertension</i> , 2005 , 45, 469-76	8.5	25
87	Vagal and sympathetic heart rate and blood pressure control in adult onset PHOX2B mutation-confirmed congenital central hypoventilation syndrome. <i>Clinical Autonomic Research</i> , 2007 , 17, 177-85	4.3	24
86	Patients with continuous-flow left ventricular assist devices provide insight in human baroreflex physiology. <i>Hypertension</i> , 2012 , 60, 849-55	8.5	23
85	Cardiovascular parameters and neural sympathetic discharge variability before orthostatic syncope: role of sympathetic baroreflex control to the vessels. <i>Physiological Measurement</i> , 2015 , 36, 633-41	2.9	22
84	Circulating endocannabinoid concentrations during orthostatic stress. <i>Clinical Autonomic Research</i> , 2009 , 19, 343-6	4.3	22

83	Artificial gravity: a possible countermeasure for post-flight orthostatic intolerance. <i>Acta Astronautica</i> , 2005 , 56, 867-76	2.9	22
82	Orthostatic heart rate responses after prolonged space flights. <i>Clinical Autonomic Research</i> , 2011 , 21, 121-4	4.3	21
81	Smart Multi-Frequency Bioelectrical Impedance Spectrometer for BIA and BIVA Applications. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2016 , 10, 912-9	5.1	20
80	Acute volume loading and exercise capacity in postural tachycardia syndrome. <i>Journal of Applied Physiology</i> , 2014 , 117, 663-8	3.7	20
79	Sympathetic vasomotor tone determines blood pressure response to long-term sibutramine treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1560-3	5.6	19
78	Endogenous substance P modulates human cardiovascular regulation at rest and during orthostatic load. <i>Journal of Applied Physiology</i> , 2007 , 102, 2092-7	3.7	19
77	Physiological phenomenology of neurally-mediated syncope with management implications. <i>PLoS ONE</i> , 2011 , 6, e26489	3.7	19
76	Catechol-o-methyltransferase and blood pressure in humans. <i>Circulation</i> , 2002 , 106, 460-5	16.7	18
75	Baroreflex dysfunction induced by microgravity: potential relevance to postflight orthostatic intolerance. <i>Clinical Autonomic Research</i> , 2000 , 10, 269-77	4.3	18
74	Blood Pressure Management in Afferent Baroreflex Failure: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 2939-2947	15.1	18
73	Effects of Prolonged Head-Down Bed Rest on Cardiac and Vascular Baroreceptor Modulation and Orthostatic Tolerance in Healthy Individuals. <i>Frontiers in Physiology</i> , 2019 , 10, 1061	4.6	17
72	Sympathetic and cardiovascular responses to glossopharyngeal insufflation in trained apnea divers. <i>Journal of Applied Physiology</i> , 2010 , 109, 1728-35	3.7	17
71	Autonomic activity and somatic symptoms in response to success vs. failure on a cognitive task: a comparison of chronic abdominal pain patients and well children. <i>Journal of Psychosomatic Research</i> , 2009 , 67, 235-43	4.1	17
70	A simplified two-component model of blood pressure fluctuation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 292, H1193-203	5.2	17
69	Tyramine-induced vasodilation mediated by dopamine contamination: a paradox resolved. <i>Hypertension</i> , 2005 , 46, 355-9	8.5	17
68	Liver afferents contribute to water drinking-induced sympathetic activation in human subjects: a clinical trial. <i>PLoS ONE</i> , 2011 , 6, e25898	3.7	17
67	Cardiac and Vascular Sympathetic Baroreflex Control during Orthostatic Pre-Syncope. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	16
66	GDF-15 is a better complimentary marker for risk stratification of arrhythmic death in non-ischaeamic, dilated cardiomyopathy than soluble ST2. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 2422-2429	5.6	16

65	Bombesin-like receptor 3 regulates blood pressure and heart rate via a central sympathetic mechanism. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 310, H891-8	5.2	16
64	Norepinephrine transporter variant A457P knock-in mice display key features of human postural orthostatic tachycardia syndrome. <i>DMM Disease Models and Mechanisms</i> , 2013 , 6, 1001-11	4.1	16
63	Specific endothelial heparin-binding EGF-like growth factor deletion ameliorates renal injury induced by chronic angiotensin II infusion. <i>American Journal of Physiology - Renal Physiology</i> , 2016 , 311, F695-F707	4.3	16
62	Vagal and Sympathetic Function in Neuropathic Postural Tachycardia Syndrome. <i>Hypertension</i> , 2019 , 73, 1087-1096	8.5	15
61	Autonomic dysregulation in ob/ob mice is improved by inhibition of angiotensin-converting enzyme. <i>Journal of Molecular Medicine</i> , 2010 , 88, 383-90	5.5	15
60	Yohimbine attenuates baroreflex-mediated bradycardia in humans. <i>Hypertension</i> , 2007 , 50, 899-903	8.5	15
59	Autonomic control after blockade of the norepinephrine transporter: a model of orthostatic intolerance. <i>Journal of Applied Physiology</i> , 2002 , 93, 2192-8	3.7	15
58	Effect of acute ozone induced airway inflammation on human sympathetic nerve traffic: a randomized, placebo controlled, crossover study. <i>PLoS ONE</i> , 2011 , 6, e18737	3.7	15
57	Synergistic Pressor Effect of Atomoxetine and Pyridostigmine in Patients With Neurogenic Orthostatic Hypotension. <i>Hypertension</i> , 2019 , 73, 235-241	8.5	15
56	Sympathetic nerve traffic and circulating norepinephrine levels in RGS2-deficient mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2007 , 136, 52-7	2.4	14
55	Postural orthostatic tachycardia syndrome (POTS): State of the science and clinical care from a 2019 National Institutes of Health Expert Consensus Meeting - Part 1. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021 , 235, 102828	2.4	14
54	Objective Sleep Assessments in Patients with Postural Tachycardia Syndrome using Overnight Polysomnograms. <i>Journal of Clinical Sleep Medicine</i> , 2016 , 12, 727-33	3.1	13
53	Combination ergotamine and caffeine improves seated blood pressure and presyncopal symptoms in autonomic failure. <i>Frontiers in Physiology</i> , 2014 , 5, 270	4.6	13
52	Glossopharyngeal insufflation induces cardioinhibitory syncope in apnea divers. <i>Clinical Autonomic Research</i> , 2010 , 20, 381-4	4.3	13
51	Role of the multidomain protein spinophilin in blood pressure and cardiac function regulation. <i>Hypertension</i> , 2008 , 52, 702-7	8.5	13
50	Orthostatic intolerance and the postural tachycardia syndrome: genetic and environment pathophysiologies. Neurolab Autonomic Team. <i>Pflugers Archiv European Journal of Physiology</i> , 2000 , 441, R48-51	4.6	13
49	Risk of arrhythmic death in ischemic heart disease: a prospective, controlled, observer-blind risk stratification over 10 years. <i>European Journal of Clinical Investigation</i> , 2017 , 47, 231-240	4.6	12
48	Valsalva Maneuver in Pulmonary Arterial Hypertension: Susceptibility to Syncope and Autonomic Dysfunction. <i>Chest</i> , 2016 , 149, 1252-60	5.3	12

47	Multiple autonomic and repolarization investigation of sudden cardiac death in dilated cardiomyopathy and controls. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014 , 7, 1101-8	6.4	12
46	Effect of High Dietary Sodium Intake in Patients With Postural Tachycardia Syndrome. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 2174-2184	15.1	12
45	Hypertension in Obese Black Women is Not Caused by Increased Sympathetic Vascular Tone. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	11
44	Baroreflex physiology studied in healthy subjects with very infrequent muscle sympathetic bursts. <i>Journal of Applied Physiology</i> , 2013 , 114, 203-10	3.7	11
43	Influence of climate on emergency department visits for syncope: role of air temperature variability. <i>PLoS ONE</i> , 2011 , 6, e22719	3.7	11
42	Norepinephrine transporter inhibition alters the hemodynamic response to hypergravitation. <i>Journal of Applied Physiology</i> , 2008 , 104, 756-60	3.7	11
41	Effect of mild hyperglycemia on autonomic function in obstructive sleep apnea. <i>Clinical Autonomic Research</i> , 2012 , 22, 1-8	4.3	10
40	Neurogenic hyperadrenergic orthostatic hypotension: a newly recognized variant of orthostatic hypotension in older adults with elevated norepinephrine (noradrenaline). <i>Clinical Science</i> , 2015 , 129, 107-16	6.5	10
39	Nitric oxide and regulation of heart rate in patients with postural tachycardia syndrome and healthy subjects. <i>Hypertension</i> , 2013 , 61, 376-81	8.5	10
38	Influence of an insertion variant in the 5'UTR of the endothelin-1 gene on orthostatic intolerance. <i>American Journal of the Medical Sciences</i> , 2005 , 330, 166-71	2.2	10
37	Management of hypertension in the setting of autonomic dysfunction. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2006 , 8, 105-9	2.1	9
36	Novel Approach to Elucidate Human Baroreflex Regulation at the Brainstem Level: Pharmacological Testing During fMRI. <i>Frontiers in Neuroscience</i> , 2019 , 13, 193	5.1	8
35	Ultrafine particles and ozone perturb norepinephrine clearance rather than centrally generated sympathetic activity in humans. <i>Scientific Reports</i> , 2019 , 9, 3641	4.9	8
34	Efficacy of Electrical Baroreflex Activation Is Independent of Peripheral Chemoreceptor Modulation. <i>Hypertension</i> , 2020 , 75, 257-264	8.5	8
33	Respiratory modulation of human autonomic function: long-term neuroplasticity in space. <i>Journal of Physiology</i> , 2016 , 594, 5629-46	3.9	8
32	Respiratory modulation of human autonomic function on Earth. <i>Journal of Physiology</i> , 2016 , 594, 5611-23	3.9	8
31	Cardiovascular models of simulated moon and mars gravities: head-up tilt vs. lower body unweighting. <i>Aviation, Space, and Environmental Medicine</i> , 2014 , 85, 414-9		7
30	Temporary elimination of orthostatic hypotension by norepinephrine infusion. <i>Clinical Autonomic Research</i> , 2012 , 22, 303-6	4.3	7

29	Genetic variation in alpha2-adrenoreceptors and heart rate recovery after exercise. <i>Physiological Genomics</i> , 2015 , 47, 400-6	3.6	6
28	Importance of Diastolic Function for the Prediction of Arrhythmic Death: A Prospective, Observer-Blinded, Long-Term Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e007757	6.4	6
27	Preserved Autonomic Cardiovascular Regulation With Cardiac Pacemaker Inhibition: A Crossover Trial Using High-Fidelity Cardiovascular Phenotyping. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	6
26	Residual sympathetic tone is associated with reduced insulin sensitivity in patients with autonomic failure. <i>Clinical Autonomic Research</i> , 2015 , 25, 309-15	4.3	6
25	The Valsalva maneuver: screening for drug-induced baroreflex dysfunction. <i>Clinical Autonomic Research</i> , 2009 , 19, 32-8	4.3	6
24	Local Passive Heat for the Treatment of Hypertension in Autonomic Failure. <i>Journal of the American Heart Association</i> , 2021 , 10, e018979	6	6
23	Spike rate of multi-unit muscle sympathetic nerve fibers after catheter-based renal nerve ablation. <i>Journal of the American Society of Hypertension</i> , 2015 , 9, 794-801		5
22	Inspiratory resistance improves postural tachycardia: a randomized study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 651-8	6.4	5
21	Familial Autonomic Ganglionopathy Caused by Rare Genetic Variants. <i>Neurology</i> , 2021 , 97, e145-e155	6.5	5
20	Postural orthostatic tachycardia syndrome (POTS): Priorities for POTS care and research from a 2019 National Institutes of Health Expert Consensus Meeting - Part 2. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021 , 235, 102836	2.4	5
19	Elevated plasma levels of asymmetric dimethylarginine and the risk for arrhythmic death in ischemic and non-ischemic, dilated cardiomyopathy - A prospective, controlled long-term study. <i>Clinical Biochemistry</i> , 2020 , 83, 37-42	3.5	4
18	Preserved functional autonomic phenotype in adult mice overexpressing moderate levels of human alpha-synuclein in oligodendrocytes. <i>Physiological Reports</i> , 2014 , 2, e12209	2.6	4
17	Orthostatic tolerance is difficult to predict in recurrent syncope patients. <i>Clinical Autonomic Research</i> , 2011 , 21, 37-45	4.3	4
16	Hepatic and renal mechanisms underlying the osmopressor response. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017 , 203, 58-66	2.4	3
15	Splanchnic Venous Compression Enhances the Effects of Blockade in the Treatment of Postural Tachycardia Syndrome. <i>Journal of the American Heart Association</i> , 2020 , 9, e016196	6	3
14	Symptom Presentation and Access to Medical Care in Patients With Postural Orthostatic Tachycardia Syndrome: Role of Sex.. <i>CJC Open</i> , 2021 , 3, S44-S52	2	3
13	Congenital Central Hypoventilation Syndrome (CCHS) and PHOX2B Mutations 2012 , 445-449		1
12	Beta-2 adrenoreceptor gene polymorphisms and sympathetic outflow in humans. <i>Clinical Autonomic Research</i> , 2011 , 21, 333-8	4.3	1

11	High-sodium diet does not worsen endothelial function in female patients with postural tachycardia syndrome. <i>Clinical Autonomic Research</i> , 2021 , 31, 563-571	4.3	1
10	Baroreflex Curve Fitting Using a WYSIWYG Boltzmann Sigmoidal Equation. <i>Frontiers in Neuroscience</i> , 2021 , 15, 697582	5.1	1
9	Testing individual baroreflex responses to hypoxia-induced peripheral chemoreflex stimulation. <i>Clinical Autonomic Research</i> , 2020 , 30, 531-540	4.3	0
8	Endovascular baroreflex amplification and the effect on sympathetic nerve activity in patients with resistant hypertension: A proof-of-principle study. <i>PLoS ONE</i> , 2021 , 16, e0259826	3.7	0
7	Analytic and Integrative Framework for Understanding Human Sympathetic Arterial Baroreflex Function: Equilibrium Diagram of Arterial Pressure and Plasma Norepinephrine Level. <i>Frontiers in Neuroscience</i> , 2021 , 15, 707345	5.1	0
6	Transdermal auricular vagus stimulation for the treatment of postural tachycardia syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021 , 236, 102886	2.4	0
5	Sympathetic vasoconstrictor activity before and after left ventricular assist device implantation in patients with end-stage heart failure. <i>European Journal of Heart Failure</i> , 2021 , 23, 1955-1959	12.3	0
4	Response to blood pressure and sympathetic nervous system response to renal denervation. <i>Hypertension</i> , 2013 , 61, e14	8.5	
3	Response to catheter-based renal nerve ablation and centrally generated sympathetic activity in difficult-to-control hypertensive patients. <i>Hypertension</i> , 2013 , 61, e9-10	8.5	
2	The Efficacy of Electrical Baroreflex Activation Therapy is Independent of Peripheral Chemoreceptor Modulation. <i>FASEB Journal</i> , 2018 , 32, 884.6	0.9	
1	Patients With Postural Orthostatic Tachycardia Syndrome Have Different Experiences in Health Care in Canada and the United States. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 1683-1684	3.8	