

AndrÃ© Diedrich

List of Publications by Year in descending order

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178
papers

7,953
citations

36203

51
h-index

64668

79
g-index

179
all docs

179
docs citations

179
times ranked

6455
citing authors

#	ARTICLE	IF	CITATIONS
1	Carotid Baroreceptor Stimulation, Sympathetic Activity, Baroreflex Function, and Blood Pressure in Hypertensive Patients. <i>Hypertension</i> , 2010, 55, 619-626.	1.3	366
2	The Pressor Response to Water Drinking in Humans. <i>Circulation</i> , 2000, 101, 504-509.	1.6	316
3	Water drinking as a treatment for orthostatic syndromes. <i>American Journal of Medicine</i> , 2002, 112, 355-360.	0.6	200
4	Catheter-Based Renal Nerve Ablation and Centrally Generated Sympathetic Activity in Difficult-to-Control Hypertensive Patients. <i>Hypertension</i> , 2012, 60, 1485-1490.	1.3	164
5	Women Have Lower Tonic Autonomic Support of Arterial Blood Pressure and Less Effective Baroreflex Buffering Than Men. <i>Circulation</i> , 2005, 111, 494-498.	1.6	160
6	Sympathetically Mediated Hypertension in Autonomic Failure. <i>Circulation</i> , 2000, 101, 2710-2715.	1.6	158
7	Human muscle sympathetic neural and haemodynamic responses to tilt following spaceflight. <i>Journal of Physiology</i> , 2002, 538, 331-340.	1.3	157
8	Human muscle sympathetic nerve activity and plasma noradrenaline kinetics in space. <i>Journal of Physiology</i> , 2002, 538, 321-329.	1.3	139
9	Interaction of Carbon Dioxide and Sympathetic Nervous System Activity in the Regulation of Cerebral Perfusion in Humans. <i>Hypertension</i> , 2000, 36, 383-388.	1.3	137
10	Autonomic cardiovascular and respiratory control during prolonged spaceflights aboard the International Space Station. <i>Journal of Applied Physiology</i> , 2007, 103, 156-161.	1.2	133
11	Endurance Exercise Training in Orthostatic Intolerance. <i>Hypertension</i> , 2005, 45, 391-398.	1.3	132
12	Autonomic Contribution to Blood Pressure and Metabolism in Obesity. <i>Hypertension</i> , 2007, 49, 27-33.	1.3	128
13	Water Ingestion as Prophylaxis Against Syncope. <i>Circulation</i> , 2003, 108, 2660-2665.	1.6	115
14	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.	1.4	113
15	Selective Norepinephrine Reuptake Inhibition as a Human Model of Orthostatic Intolerance. <i>Circulation</i> , 2002, 105, 347-353.	1.6	109
16	Human cerebral autoregulation before, during and after spaceflight. <i>Journal of Physiology</i> , 2007, 579, 799-810.	1.3	108
17	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.	2.5	106
18	Acarbose, an α -Glucosidase Inhibitor, Attenuates Postprandial Hypotension in Autonomic Failure. <i>Hypertension</i> , 2007, 50, 54-61.	1.3	102

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19	Controlled breathing protocols probe human autonomic cardiovascular rhythms. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 274, H709-H718.	1.5	100
20	Cardiovascular Regulation During Apnea in Elite Divers. <i>Hypertension</i> , 2009, 53, 719-724.	1.3	99
21	Norepinephrine Transporter Blockade With Atomoxetine Induces Hypertension in Patients With Impaired Autonomic Function. <i>Hypertension</i> , 2007, 50, 47-53.	1.3	93
22	Efficacy of Atomoxetine Versus Midodrine for the Treatment of Orthostatic Hypotension in Autonomic Failure. <i>Hypertension</i> , 2014, 64, 1235-1240.	1.3	91
23	Portal Osmopressor Mechanism Linked to Transient Receptor Potential Vanilloid 4 and Blood Pressure Control. <i>Hypertension</i> , 2010, 55, 1438-1443.	1.3	90
24	Genetic Influences on Baroreflex Function in Normal Twins. <i>Hypertension</i> , 2001, 37, 907-910.	1.3	89
25	Contribution of Endothelial Nitric Oxide to Blood Pressure in Humans. <i>Hypertension</i> , 2007, 49, 170-177.	1.3	88
26	Diabetic Hypertensive Leptin Receptor-Deficient db/db Mice Develop Cardioregulatory Autonomic Dysfunction. <i>Hypertension</i> , 2009, 53, 387-392.	1.3	88
27	The sympathetic nervous system in hypertension. <i>Journal of Hypertension</i> , 2003, 21, 1677-1686.	0.3	87
28	Nocturnal Blood Pressure Dipping in the Hypertension of Autonomic Failure. <i>Hypertension</i> , 2009, 53, 363-369.	1.3	81
29	Baroreflex Buffering and Susceptibility to Vasoactive Drugs. <i>Circulation</i> , 2002, 105, 1459-1464.	1.6	80
30	Influence of microgravity on astronauts' sympathetic and vagal responses to Valsalva's manoeuvre. <i>Journal of Physiology</i> , 2002, 538, 309-320.	1.3	79
31	Baroreflex Regulation of Heart Rate and Sympathetic Vasomotor Tone in Women and Men. <i>Hypertension</i> , 2005, 45, 1159-1164.	1.3	79
32	Severely Impaired Baroreflex-Buffering in Patients With Monogenic Hypertension and Neurovascular Contact. <i>Circulation</i> , 2000, 102, 2611-2618.	1.6	76
33	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, 653-664.	1.3	74
34	Clonidine Improves Spontaneous Baroreflex Sensitivity in Conscious Mice Through Parasympathetic Activation. <i>Hypertension</i> , 2004, 43, 1042-1047.	1.3	73
35	Clonidine for the Treatment of Supine Hypertension and Pressure Natriuresis in Autonomic Failure. <i>Hypertension</i> , 2006, 47, 522-526.	1.3	69
36	Modulation of QT Interval During Autonomic Nervous System Blockade in Humans. <i>Circulation</i> , 2002, 106, 2238-2243.	1.6	66

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37	Increased Sympathetic Activation in Idiopathic Orthostatic Intolerance. <i>Hypertension</i> , 2002, 39, 173-178.	1.3	65
38	Plasma and Blood Volume in Space. <i>American Journal of the Medical Sciences</i> , 2007, 334, 80-86.	0.4	63
39	Regulator of G protein signalling 2 ameliorates angiotensin II-induced hypertension in mice. <i>Experimental Physiology</i> , 2007, 92, 1014-1022.	0.9	62
40	Wavelet Methods for Spike Detection in Mouse Renal Sympathetic Nerve Activity. <i>IEEE Transactions on Biomedical Engineering</i> , 2007, 54, 82-93.	2.5	62
41	Acute Response to Unilateral Unipolar Electrical Carotid Sinus Stimulation in Patients With Resistant Arterial Hypertension. <i>Hypertension</i> , 2016, 67, 585-591.	1.3	62
42	Baroreflex sensitivity associated hypoalgesia in healthy states is altered by chronic pain. <i>Pain</i> , 2008, 138, 87-97.	2.0	60
43	Electrical activation of the human vestibulo-sympathetic reflex. <i>Experimental Brain Research</i> , 2006, 171, 251-261.	0.7	59
44	Modafinil Elicits Sympathomedullary Activation. <i>Hypertension</i> , 2005, 45, 612-618.	1.3	58
45	Efficacy of Servo-Controlled Splanchnic Venous Compression in the Treatment of Orthostatic Hypotension. <i>Hypertension</i> , 2016, 68, 418-426.	1.3	58
46	Cystathionine β -Lyase-Produced Hydrogen Sulfide Controls Endothelial NO Bioavailability and Blood Pressure. <i>Hypertension</i> , 2018, 71, 1210-1217.	1.3	58
47	Sequential Modulation of Cardiac Autonomic Control Induced by Cardiopulmonary and Arterial Baroreflex Mechanisms. <i>Circulation</i> , 2001, 104, 2932-2937.	1.6	56
48	Selective Impairment in Sympathetic Vasomotor Control With Norepinephrine Transporter Inhibition. <i>Circulation</i> , 2003, 107, 2949-2954.	1.6	56
49	Distal sudomotor findings in postural tachycardia syndrome. <i>Clinical Autonomic Research</i> , 2010, 20, 93-99.	1.4	56
50	Norepinephrine Transporter-Deficient Mice Exhibit Excessive Tachycardia and Elevated Blood Pressure With Wakefulness and Activity. <i>Circulation</i> , 2004, 110, 1191-1196.	1.6	55
51	Influence of sibutramine treatment on sympathetic vasomotor tone in obese subjects. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 79, 500-508.	2.3	51
52	β -Adrenergic and Atrial Natriuretic Peptide Interactions on Human Cardiovascular and Metabolic Regulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 5069-5075.	1.8	50
53	Influences of Gender on the Interaction between Sympathetic Nerve Traffic and Central Adiposity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2008, 93, 4974-4978.	1.8	50
54	The nature of the autonomic dysfunction in multiple system atrophy. <i>Journal of the Neurological Sciences</i> , 2002, 200, 1-10.	0.3	49

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55	Heart rate variability during sleep in children with autism spectrum disorder. <i>Clinical Autonomic Research</i> , 2016, 26, 423-432.	1.4	48
56	Role of Adenosine and Nitric Oxide on the Mechanisms of Action of Dipyridamole. <i>Stroke</i> , 2005, 36, 2170-2175.	1.0	47
57	Excessive Nitric Oxide Function and Blood Pressure Regulation in Patients With Autonomic Failure. <i>Hypertension</i> , 2008, 51, 1531-1536.	1.3	47
58	Pressor Effect of Water Drinking in Tetraplegic Patients May Be a Spinal Reflex. <i>Hypertension</i> , 2003, 41, 1234-1239.	1.3	46
59	Water Potentiates the Pressor Effect of Ephedra Alkaloids. <i>Circulation</i> , 2004, 109, 1823-1825.	1.6	46
60	$\hat{1}\pm$ -2 Adrenergic Transmission and Human Baroreflex Regulation. <i>Hypertension</i> , 2004, 43, 1035-1041.	1.3	46
61	Influences of Norepinephrine Transporter Function on the Distribution of Sympathetic Activity in Humans. <i>Hypertension</i> , 2006, 48, 120-126.	1.3	45
62	Dysfunctional vestibular system causes a blood pressure drop in astronauts returning from space. <i>Scientific Reports</i> , 2015, 5, 17627.	1.6	43
63	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-H2107.	1.5	43
64	Heart Rate Variability and Baroreflex Function in AT2Receptor-Disrupted Mice. <i>Hypertension</i> , 2002, 40, 207-213.	1.3	42
65	Techniques Used for the Determination of Blood Volume. <i>American Journal of the Medical Sciences</i> , 2007, 334, 32-36.	0.4	42
66	Synergistic Effect of Norepinephrine Transporter Blockade and $\hat{1}\pm$ -2 Antagonism on Blood Pressure in Autonomic Failure. <i>Hypertension</i> , 2012, 59, 650-656.	1.3	42
67	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.	1.6	42
68	Norepinephrine Transporter Inhibition Prevents Tilt-Induced Pre-Syncope. <i>Journal of the American College of Cardiology</i> , 2006, 48, 516-522.	1.2	41
69	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-H1765.	1.5	40
70	Autonomic Blockade Improves Insulin Sensitivity in Obese Subjects. <i>Hypertension</i> , 2014, 64, 867-874.	1.3	39
71	Spike detection in human muscle sympathetic nerve activity using the kurtosis of stationary wavelet transform coefficients. <i>Journal of Neuroscience Methods</i> , 2007, 160, 359-367.	1.3	38
72	Altered Systemic Hemodynamic and Baroreflex Response to Angiotensin II in Postural Tachycardia Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 173-180.	2.1	38

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73	Blood Pressure Management in Afferent Baroreflex Failure. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2939-2947.	1.2	38
74	Adenosine, a Metabolic Trigger of the Exercise Pressor Reflex in Humans. <i>Hypertension</i> , 2001, 37, 917-922.	1.3	37
75	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.	1.1	37
76	Calcitonin gene-related peptide (CGRP) in autonomic cardiovascular regulation and vascular structure. <i>Journal of the American Society of Hypertension</i> , 2014, 8, 286-296.	2.3	36
77	The function of the autonomic nervous system during spaceflight. <i>Clinical Autonomic Research</i> , 2015, 25, 141-151.	1.4	36
78	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.	2.0	35
79	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.	1.3	35
80	Central chemoreflex sensitivity and sympathetic neural outflow in elite breath-hold divers. <i>Journal of Applied Physiology</i> , 2008, 104, 205-211.	1.2	34
81	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, 310-314.	0.8	34
82	Autonomic Blockade Reverses Endothelial Dysfunction in Obesity-Associated Hypertension. <i>Hypertension</i> , 2016, 68, 1004-1010.	1.3	34
83	Vagal and Sympathetic Function in Neuropathic Postural Tachycardia Syndrome. <i>Hypertension</i> , 2019, 73, 1087-1096.	1.3	33
84	Blockade of Nucleoside Transport Is Required for Delivery of Intraarterial Adenosine Into the Interstitium. <i>Circulation</i> , 2003, 108, 2631-2635.	1.6	32
85	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.	1.2	30
86	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.	1.4	30
87	Effects of Unilateral and Bilateral Carotid Baroreflex Stimulation on Cardiac and Neural Sympathetic Discharge Oscillatory Patterns. <i>Circulation</i> , 2003, 108, 717-723.	1.6	29
88	Editorial on Arterial Baroreflex Issue. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2012, 172, 1-3.	1.4	29
89	Physiological Phenomenology of Neurally-Mediated Syncope with Management Implications. <i>PLoS ONE</i> , 2011, 6, e26489.	1.1	29
90	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, 177-185.	1.4	28

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91	Cardiovascular autonomic regulation in Non-Obese Diabetic (NOD) mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2008, 138, 108-113.	1.4	28
92	Bound Leptin and Sympathetic Outflow in Nonobese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 4955-4959.	1.8	27
93	Orthostatic heart rate responses after prolonged space flights. <i>Clinical Autonomic Research</i> , 2011, 21, 121-124.	1.4	27
94	Cardiovascular parameters and neural sympathetic discharge variability before orthostatic syncope: role of sympathetic baroreflex control to the vessels. <i>Physiological Measurement</i> , 2015, 36, 633-641.	1.2	27
95	Smart Multi-Frequency Bioelectrical Impedance Spectrometer for BIA and BIVA Applications. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2016, 10, 912-919.	2.7	27
96	Management of Hypertension in the Setting of Autonomic Failure. <i>Hypertension</i> , 2005, 45, 469-476.	1.3	26
97	Hormonal Influences on Cardiovascular Norepinephrine Transporter Responses in Healthy Women. <i>Hypertension</i> , 2008, 51, 1203-1209.	1.3	26
98	Patients With Continuous-Flow Left Ventricular Assist Devices Provide Insight in Human Baroreflex Physiology. <i>Hypertension</i> , 2012, 60, 849-855.	1.3	26
99	Cardiac and Vascular Sympathetic Baroreflex Control during Orthostatic Pre-Syncope. <i>Journal of Clinical Medicine</i> , 2019, 8, 1434.	1.0	26
100	Postural orthostatic tachycardia syndrome is associated with significant employment and economic loss. <i>Journal of Internal Medicine</i> , 2021, 290, 203-212.	2.7	26
101	Artificial gravity: A possible countermeasure for post-flight orthostatic intolerance. <i>Acta Astronautica</i> , 2005, 56, 867-876.	1.7	25
102	Synergistic Pressor Effect of Atomoxetine and Pyridostigmine in Patients With Neurogenic Orthostatic Hypotension. <i>Hypertension</i> , 2019, 73, 235-241.	1.3	25
103	Catechol-O-Methyltransferase and Blood Pressure in Humans. <i>Circulation</i> , 2002, 106, 460-465.	1.6	24
104	Circulating endocannabinoid concentrations during orthostatic stress. <i>Clinical Autonomic Research</i> , 2009, 19, 343-346.	1.4	24
105	Acute volume loading and exercise capacity in postural tachycardia syndrome. <i>Journal of Applied Physiology</i> , 2014, 117, 663-668.	1.2	24
106	Valsalva Maneuver in Pulmonary Arterial Hypertension. <i>Chest</i> , 2016, 149, 1252-1260.	0.4	23
107	Endogenous substance P modulates human cardiovascular regulation at rest and during orthostatic load. <i>Journal of Applied Physiology</i> , 2007, 102, 2092-2097.	1.2	22
108	Sympathetic Vasomotor Tone Determines Blood Pressure Response to Long-Term Sibutramine Treatment. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 1560-1563.	1.8	21

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109	A simplified two-component model of blood pressure fluctuation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 292, H1193-H1203.	1.5	21
110	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, 235-243.	1.2	21
111	Baroreflex dysfunction induced by microgravity: potential relevance to postflight orthostatic intolerance. <i>Clinical Autonomic Research</i> , 2000, 10, 269-277.	1.4	20
112	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.	1.3	20
113	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-H898.	1.5	20
114	GDF15 is a better complimentary marker for risk stratification of arrhythmic death in non-ischaemic, dilated cardiomyopathy than soluble ST 2. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2422-2429.	1.6	20
115	Novel Approach to Elucidate Human Baroreflex Regulation at the Brainstem Level: Pharmacological Testing During fMRI. <i>Frontiers in Neuroscience</i> , 2019, 13, 193.	1.4	20
116	Liver Afferents Contribute to Water Drinking-Induced Sympathetic Activation in Human Subjects: A Clinical Trial. <i>PLoS ONE</i> , 2011, 6, e25898.	1.1	19
117	Tyramine-Induced Vasodilation Mediated by Dopamine Contamination. <i>Hypertension</i> , 2005, 46, 355-359.	1.3	18
118	Yohimbine Attenuates Baroreflex-Mediated Bradycardia in Humans. <i>Hypertension</i> , 2007, 50, 899-903.	1.3	18
119	Combination ergotamine and caffeine improves seated blood pressure and presyncopal symptoms in autonomic failure. <i>Frontiers in Physiology</i> , 2014, 5, 270.	1.3	18
120	Local Passive Heat for the Treatment of Hypertension in Autonomic Failure. <i>Journal of the American Heart Association</i> , 2021, 10, e018979.	1.6	18
121	Orthostatic intolerance and the postural tachycardia syndrome: genetic and environment pathophysiologies. <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 441, R48-R51.	1.3	17
122	Autonomic dysregulation in ob/ob mice is improved by inhibition of angiotensin-converting enzyme. <i>Journal of Molecular Medicine</i> , 2010, 88, 383-390.	1.7	17
123	Sympathetic and cardiovascular responses to glossopharyngeal insufflation in trained apnea divers. <i>Journal of Applied Physiology</i> , 2010, 109, 1728-1735.	1.2	17
124	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.	1.2	17
125	Transdermal auricular vagus stimulation for the treatment of postural tachycardia syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021, 236, 102886.	1.4	17
126	Role of the Multidomain Protein Spinophilin in Blood Pressure and Cardiac Function Regulation. <i>Hypertension</i> , 2008, 52, 702-707.	1.3	16

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127	Multiple Autonomic and Repolarization Investigation of Sudden Cardiac Death in Dilated Cardiomyopathy and Controls. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 1101-1108.	2.1	16
128	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.	1.7	16
129	Efficacy of Electrical Baroreflex Activation Is Independent of Peripheral Chemoreceptor Modulation. <i>Hypertension</i> , 2020, 75, 257-264.	1.3	16
130	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.	1.1	16
131	Autonomic control after blockade of the norepinephrine transporter: a model of orthostatic intolerance. <i>Journal of Applied Physiology</i> , 2002, 93, 2192-2198.	1.2	15
132	Sympathetic nerve traffic and circulating norepinephrine levels in RGS2-deficient mice. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2007, 136, 52-57.	1.4	15
133	Ultrafine particles and ozone perturb norepinephrine clearance rather than centrally generated sympathetic activity in humans. <i>Scientific Reports</i> , 2019, 9, 3641.	1.6	15
134	Objective Sleep Assessments in Patients with Postural Tachycardia Syndrome using Overnight Polysomnograms. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 727-733.	1.4	14
135	Importance of Diastolic Function for the Prediction of Arrhythmic Death. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007757.	2.1	14
136	Glossopharyngeal insufflation induces cardioinhibitory syncope in apnea divers. <i>Clinical Autonomic Research</i> , 2010, 20, 381-384.	1.4	13
137	Influence of Climate on Emergency Department Visits for Syncope: Role of Air Temperature Variability. <i>PLoS ONE</i> , 2011, 6, e22719.	1.1	13
138	Nitric Oxide and Regulation of Heart Rate in Patients With Postural Tachycardia Syndrome and Healthy Subjects. <i>Hypertension</i> , 2013, 61, 376-381.	1.3	13
139	Neurogenic hyperadrenergic orthostatic hypotension: a newly recognized variant of orthostatic hypotension in older adults with elevated norepinephrine (noradrenaline). <i>Clinical Science</i> , 2015, 129, 107-116.	1.8	13
140	Norepinephrine transporter inhibition alters the hemodynamic response to hypergravitation. <i>Journal of Applied Physiology</i> , 2008, 104, 756-760.	1.2	12
141	Respiratory modulation of human autonomic function on Earth. <i>Journal of Physiology</i> , 2016, 594, 5611-5627.	1.3	12
142	Familial Autonomic Ganglionopathy Caused by Rare <i>CHRNA3</i> Genetic Variants. <i>Neurology</i> , 2021, 97, e145-e155.	1.5	12
143	Management of hypertension in the setting of autonomic dysfunction. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2006, 8, 105-109.	0.4	11
144	Baroreflex physiology studied in healthy subjects with very infrequent muscle sympathetic bursts. <i>Journal of Applied Physiology</i> , 2013, 114, 203-210.	1.2	11

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145	Respiratory modulation of human autonomic function: long-term neuroplasticity in space. <i>Journal of Physiology</i> , 2016, 594, 5629-5646.	1.3	11
146	Hypertension in Obese Black Women is Not Caused by Increased Sympathetic Vascular Tone. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	11
147	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, 166-171.	0.4	10
148	Effect of mild hyperglycemia on autonomic function in obstructive sleep apnea. <i>Clinical Autonomic Research</i> , 2012, 22, 1-8.	1.4	10
149	Cardiovascular Models of Simulated Moon and Mars Gravities: Head-Up Tilt vs. Lower Body Unweighting. <i>Aviation, Space, and Environmental Medicine</i> , 2014, 85, 414-419.	0.6	10
150	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.	2.3	10
151	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.	0.7	9
152	Splanchnic Venous Compression Enhances the Effects of α -Blockade in the Treatment of Postural Tachycardia Syndrome. <i>Journal of the American Heart Association</i> , 2020, 9, e016196.	1.6	8
153	Temporary elimination of orthostatic hypotension by norepinephrine infusion. <i>Clinical Autonomic Research</i> , 2012, 22, 303-306.	1.4	7
154	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, .	1.6	7
155	Hepatic and renal mechanisms underlying the osmopressor response. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 203, 58-66.	1.4	7
156	Baroreflex Curve Fitting Using a WYSIWYG Boltzmann Sigmoidal Equation. <i>Frontiers in Neuroscience</i> , 2021, 15, 697582.	1.4	7
157	The Valsalva maneuver: screening for drug-induced baroreflex dysfunction. <i>Clinical Autonomic Research</i> , 2009, 19, 32-38.	1.4	6
158	Orthostatic tolerance is difficult to predict in recurrent syncope patients. <i>Clinical Autonomic Research</i> , 2011, 21, 37-45.	1.4	6
159	Residual sympathetic tone is associated with reduced insulin sensitivity in patients with autonomic failure. <i>Clinical Autonomic Research</i> , 2015, 25, 309-315.	1.4	6
160	Genetic variation in alpha2-adrenoreceptors and heart rate recovery after exercise. <i>Physiological Genomics</i> , 2015, 47, 400-406.	1.0	6
161	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.	0.8	6
162	Preserved functional autonomic phenotype in adult mice overexpressing moderate levels of human alpha-synuclein in oligodendrocytes. <i>Physiological Reports</i> , 2014, 2, e12209.	0.7	5

#	ARTICLE	IF	CITATIONS
163	Inspiratory Resistance Improves Postural Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 651-658.	2.1	5
164	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.	1.1	5
165	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.	1.4	4
166	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.	2.9	4
167	Testing individual baroreflex responses to hypoxia-induced peripheral chemoreflex stimulation. <i>Clinical Autonomic Research</i> , 2020, 30, 531-540.	1.4	3
168	High-sodium diet does not worsen endothelial function in female patients with postural tachycardia syndrome. <i>Clinical Autonomic Research</i> , 2021, 31, 563-571.	1.4	3
169	Pharmacological probes to measure the importance of the autonomic nervous system. <i>Clinical Autonomic Research</i> , 2007, 17, 65-68.	1.4	2
170	Congenital Central Hypoventilation Syndrome (CCHS) and PHOX2B Mutations. , 2012, , 445-449.		2
171	Beta-2 adrenoceptor gene polymorphisms and sympathetic outflow in humans. <i>Clinical Autonomic Research</i> , 2011, 21, 333-338.	1.4	1
172	Response to Blood Pressure and Sympathetic Nervous System Response to Renal Denervation. <i>Hypertension</i> , 2013, 61, e14.	1.3	1
173	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.	1.3	0
174	Effects of High Sodium Intake on Plasma Volume and Physical Fitness in Patients with Postural Tachycardia Syndrome and Healthy Females. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 192, 121.	1.4	0
175	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.	0.8	0
176	Abstract P204: Sinusoidal Galvanic Stimulation Improves Orthostatic Symptoms In Patients With Postural Tachycardia.. <i>Hypertension</i> , 2021, 78, .	1.3	0
177	The Efficacy of Electrical Baroreflex Activation Therapy is Independent of Peripheral Chemoreceptor Modulation. <i>FASEB Journal</i> , 2018, 32, 884.6.	0.2	0
178	Abstract P154: Central Acetylcholinesterase Inhibitor, Galantamine, Prevents Lipid-Induced Oxidative Stress in African Americans. <i>Hypertension</i> , 2018, 72, .	1.3	0