

Italo Biaggioni

List of Publications by Citations

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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.

133
papers

7,278
citations

44
h-index

83
g-index

146
ext. papers

8,317
ext. citations

7.2
avg, IF

5.63
L-index

#	Paper	IF	Citations
133	Consensus statement on the definition of orthostatic hypotension, neurally mediated syncope and the postural tachycardia syndrome. <i>Clinical Autonomic Research</i> , 2011 , 21, 69-72	4.3	927
132	Consensus statement on the definition of orthostatic hypotension, neurally mediated syncope and the postural tachycardia syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2011 , 161, 46-8	2.4	306
131	The pressor response to water drinking in humans : a sympathetic reflex?. <i>Circulation</i> , 2000 , 101, 504-9	16.7	273
130	The diagnosis and treatment of baroreflex failure. <i>New England Journal of Medicine</i> , 1993 , 329, 1449-55	59.2	260
129	The recommendations of a consensus panel for the screening, diagnosis, and treatment of neurogenic orthostatic hypotension and associated supine hypertension. <i>Journal of Neurology</i> , 2017 , 264, 1567-1582	5.5	207
128	Droxidopa for neurogenic orthostatic hypotension: a randomized, placebo-controlled, phase 3 trial. <i>Neurology</i> , 2014 , 83, 328-35	6.5	195
127	Water drinking as a treatment for orthostatic syndromes. <i>American Journal of Medicine</i> , 2002 , 112, 355-60	16.4	168
126	Four faces of baroreflex failure: hypertensive crisis, volatile hypertension, orthostatic tachycardia, and malignant vagotonia. <i>Circulation</i> , 2002 , 105, 2518-23	16.7	157
125	Orthostatic hypotension-related hospitalizations in the United States. <i>American Journal of Medicine</i> , 2007 , 120, 975-80	2.4	155
124	Patterns of plasma levels of catechols in neurogenic orthostatic hypotension. <i>Annals of Neurology</i> , 1989 , 26, 558-63	9.4	151
123	The anemia of primary autonomic failure and its reversal with recombinant erythropoietin. <i>Annals of Internal Medicine</i> , 1994 , 121, 181-6	8	150
122	Hemodynamic and humoral effects of caffeine in autonomic failure. Therapeutic implications for postprandial hypotension. <i>New England Journal of Medicine</i> , 1985 , 313, 549-54	59.2	147
121	Natural history of pure autonomic failure: A United States prospective cohort. <i>Annals of Neurology</i> , 2017 , 81, 287-297	9.4	146
120	Hyperadrenergic postural tachycardia syndrome in mast cell activation disorders. <i>Hypertension</i> , 2005 , 45, 385-90	8.5	146
119	A potent pressor response elicited by drinking water. <i>Lancet, The</i> , 1999 , 353, 723	40	146
118	Effects of volume loading and pressor agents in idiopathic orthostatic tachycardia. <i>Circulation</i> , 1997 , 96, 575-80	16.7	146
117	Sympathetically mediated hypertension in autonomic failure. <i>Circulation</i> , 2000 , 101, 2710-5	16.7	140

116	Contrasting actions of pressor agents in severe autonomic failure. <i>American Journal of Medicine</i> , 1998 , 105, 116-24	2.4	138
115	Autonomic contribution to blood pressure and metabolism in obesity. <i>Hypertension</i> , 2007 , 49, 27-33	8.5	114
114	Randomized withdrawal study of patients with symptomatic neurogenic orthostatic hypotension responsive to droxidopa. <i>Hypertension</i> , 2015 , 65, 101-7	8.5	107
113	The hypertension of autonomic failure and its treatment. <i>Hypertension</i> , 1997 , 30, 1062-7	8.5	107
112	Consensus statement on the definition of neurogenic supine hypertension in cardiovascular autonomic failure by the American Autonomic Society (AAS) and the European Federation of Autonomic Societies (EFAS) : Endorsed by the European Academy of Neurology (EAN) and the European Society of Hypertension (ESH). <i>Clinical Autonomic Research</i> , 2018 , 28, 355-362	4.3	102
111	Abnormal norepinephrine clearance and adrenergic receptor sensitivity in idiopathic orthostatic intolerance. <i>Circulation</i> , 1999 , 99, 1706-12	16.7	95
110	Orthostatic heart rate changes in patients with autonomic failure caused by neurodegenerative synucleinopathies. <i>Annals of Neurology</i> , 2018 , 83, 522-531	9.4	86
109	ASH position paper: evaluation and treatment of orthostatic hypotension. <i>Journal of Clinical Hypertension</i> , 2013 , 15, 147-53	2.3	82
108	Sleep Disturbances and Diminished Quality of Life in Postural Tachycardia Syndrome. <i>Journal of Clinical Sleep Medicine</i> , 2011 , 07, 204-210	3.1	82
107	Acarbose, an alpha-glucosidase inhibitor, attenuates postprandial hypotension in autonomic failure. <i>Hypertension</i> , 2007 , 50, 54-61	8.5	82
106	Contrasting effects of vasodilators on blood pressure and sodium balance in the hypertension of autonomic failure. <i>Journal of the American Society of Nephrology: JASN</i> , 1999 , 10, 35-42	12.7	82
105	2198 Cognitive and behavioral side effects in patients treated with droxidopa for neurogenic orthostatic hypotension. <i>Journal of Clinical and Translational Science</i> , 2018 , 2, 38-39	0.4	78
104	Mutations in the dopamine βhydroxylase gene are associated with human norepinephrine deficiency. <i>American Journal of Medical Genetics Part A</i> , 2002 , 108, 140-147		76
103	Comparative efficacy of yohimbine against pyridostigmine for the treatment of orthostatic hypotension in autonomic failure. <i>Hypertension</i> , 2010 , 56, 847-51	8.5	75
102	Norepinephrine transporter blockade with atomoxetine induces hypertension in patients with impaired autonomic function. <i>Hypertension</i> , 2007 , 50, 47-53	8.5	75
101	Hypertension in orthostatic hypotension and autonomic dysfunction. <i>Cardiology Clinics</i> , 2002 , 20, 291-301, vii	2.5	75
100	Renal impairment of pure autonomic failure. <i>Hypertension</i> , 2009 , 54, 1057-61	8.5	74
99	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

98	Efficacy of atomoxetine versus midodrine for the treatment of orthostatic hypotension in autonomic failure. <i>Hypertension</i> , 2014 , 64, 1235-40	8.5	72
97	Baroreflex buffering and susceptibility to vasoactive drugs. <i>Circulation</i> , 2002 , 105, 1459-64	16.7	71
96	Nocturnal blood pressure dipping in the hypertension of autonomic failure. <i>Hypertension</i> , 2009 , 53, 363-8.5	8.5	70
95	Angiotensin II, independent of plasma renin activity, contributes to the hypertension of autonomic failure. <i>Hypertension</i> , 2013 , 61, 701-6	8.5	69
94	Diagnosis and treatment of supine hypertension in autonomic failure patients with orthostatic hypotension. <i>Journal of Clinical Hypertension</i> , 2002 , 4, 139-45	2.3	56
93	Clonidine for the treatment of supine hypertension and pressure natriuresis in autonomic failure. <i>Hypertension</i> , 2006 , 47, 522-6	8.5	53
92	Malignant vagotonia due to selective baroreflex failure. <i>Hypertension</i> , 1997 , 30, 1072-7	8.5	51
91	Integrated analysis of droxidopa trials for neurogenic orthostatic hypotension. <i>BMC Neurology</i> , 2017 , 17, 90	3.1	49
90	Intravascular source of adenosine during forearm ischemia in humans: implications for reactive hyperemia. <i>Hypertension</i> , 1999 , 33, 1453-7	8.5	48
89	Manipulation of norepinephrine metabolism with yohimbine in the treatment of autonomic failure. <i>Journal of Clinical Pharmacology</i> , 1994 , 34, 418-23	2.9	43
88	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
87	Pharmacotherapy of autonomic failure. <i>Pharmacology & Therapeutics</i> , 2012 , 134, 279-86	13.9	41
86	Excessive nitric oxide function and blood pressure regulation in patients with autonomic failure. <i>Hypertension</i> , 2008 , 51, 1531-6	8.5	39
85	Effects of caffeine on baroreflex activity in humans. <i>Clinical Pharmacology and Therapeutics</i> , 1990 , 48, 568-74	6.1	39
84	Mineralocorticoid Receptor Activation Contributes to the Supine Hypertension of Autonomic Failure. <i>Hypertension</i> , 2016 , 67, 424-9	8.5	37
83	Synergistic effect of norepinephrine transporter blockade and β_2 antagonism on blood pressure in autonomic failure. <i>Hypertension</i> , 2012 , 59, 650-6	8.5	37
82	Nebivolol, but not metoprolol, lowers blood pressure in nitric oxide-sensitive human hypertension. <i>Hypertension</i> , 2014 , 64, 1241-7	8.5	36
81	Fludrocortisone Is Associated With a Higher Risk of All-Cause Hospitalizations Compared With Midodrine in Patients With Orthostatic Hypotension. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	35

80	Management approaches to hypertension in autonomic failure. <i>Current Opinion in Nephrology and Hypertension</i> , 2012 , 21, 481-5	3.5	34
79	Management of supine hypertension in patients with neurogenic orthostatic hypotension: scientific statement of the American Autonomic Society, European Federation of Autonomic Societies, and the European Society of Hypertension. <i>Journal of Hypertension</i> , 2019 , 37, 1541-1546	1.9	33
78	Autonomic blockade improves insulin sensitivity in obese subjects. <i>Hypertension</i> , 2014 , 64, 867-74	8.5	32
77	Adenosine, a metabolic trigger of the exercise pressor reflex in humans. <i>Hypertension</i> , 2001 , 37, 917-22	8.5	31
76	Role of adenosine in asthma. <i>Drug Development Research</i> , 1996 , 39, 333-6	5.1	31
75	Reduction of liver plasma flow by caffeine and theophylline. <i>Clinical Pharmacology and Therapeutics</i> , 1986 , 40, 506-10	6.1	31
74	Cognitive dysfunction in postural tachycardia syndrome. <i>Clinical Science</i> , 2015 , 128, 39-45	6.5	30
73	Autonomic Blockade Reverses Endothelial Dysfunction in Obesity-Associated Hypertension. <i>Hypertension</i> , 2016 , 68, 1004-10	8.5	29
72	Sympathetic control of the circulation in hypertension: lessons from autonomic disorders. <i>Current Opinion in Nephrology and Hypertension</i> , 2003 , 12, 175-80	3.5	28
71	Expression and function of A2B adenosine receptors in the U87MG tumor cells. <i>Drug Development Research</i> , 2003 , 58, 405-411	5.1	27
70	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
69	Sympathetic activation and nitric oxide function in early hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012 , 302, H1438-43	5.2	26
68	Orthostatic Hypotension in the Hypertensive Patient. <i>American Journal of Hypertension</i> , 2018 , 31, 1255-1259	12.5	25
67	Chronic Angiotensin-(1-7) Improves Insulin Sensitivity in High-Fat Fed Mice Independent of Blood Pressure. <i>Hypertension</i> , 2016 , 67, 983-91	8.5	24
66	Multiple system atrophy: using clinical pharmacology to reveal pathophysiology. <i>Clinical Autonomic Research</i> , 2015 , 25, 53-9	4.3	22
65	Should we target the sympathetic nervous system in the treatment of obesity-associated hypertension?. <i>Hypertension</i> , 2008 , 51, 168-71	8.5	22
64	The Pharmacology of Autonomic Failure: From Hypotension to Hypertension. <i>Pharmacological Reviews</i> , 2017 , 69, 53-62	22.5	21
63	Dysautonomia: perioperative implications. <i>Anesthesiology</i> , 2012 , 116, 205-15	4.3	21

62	Acute volume loading and exercise capacity in postural tachycardia syndrome. <i>Journal of Applied Physiology</i> , 2014 , 117, 663-8	3.7	20
61	Baroreflex dysfunction induced by microgravity: potential relevance to postflight orthostatic intolerance. <i>Clinical Autonomic Research</i> , 2000 , 10, 269-77	4.3	18
60	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
59	Fall-related healthcare use and costs in neurogenic orthostatic hypotension with Parkinson's disease. <i>Journal of Medical Economics</i> , 2017 , 20, 525-532	2.4	17
58	New developments in the management of neurogenic orthostatic hypotension. <i>Current Cardiology Reports</i> , 2014 , 16, 542	4.2	17
57	The sympathetic nervous system and blood volume regulation: lessons from autonomic failure patients. <i>American Journal of the Medical Sciences</i> , 2007 , 334, 61-4	2.2	16
56	Immunological characterization of A2B adenosine receptors in human mast cells. <i>Drug Development Research</i> , 2003 , 58, 461-471	5.1	16
55	Vagal and Sympathetic Function in Neuropathic Postural Tachycardia Syndrome. <i>Hypertension</i> , 2019 , 73, 1087-1096	8.5	15
54	Synergistic Pressor Effect of Atomoxetine and Pyridostigmine in Patients With Neurogenic Orthostatic Hypotension. <i>Hypertension</i> , 2019 , 73, 235-241	8.5	15
53	Six-Month Use of Droxidopa for Neurogenic Orthostatic Hypotension. <i>Movement Disorders Clinical Practice</i> , 2019 , 6, 235-242	2.2	14
52	A Common CD36 Variant Influences Endothelial Function and Response to Treatment with Phosphodiesterase 5 Inhibition. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 2751-8	5.6	14
51	Initiation of droxidopa during hospital admission for management of refractory neurogenic orthostatic hypotension in severely ill patients. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 1308-1314	2.3	14
50	Vestibular Influences on Autonomic Cardiovascular Control in Humans. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 1998 , 8, 35-41	2.5	14
49	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
48	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
47	Mutations in Ca _v 3.2 Ca ²⁺ Channels Causing a Novel Orthostatic Hypotension Syndrome. <i>Circulation Research</i> , 2018 , 122, 846-854	3.7	13
46	Orthostatic intolerance and the postural tachycardia syndrome: genetic and environment pathophysiology. Neurolab Autonomic Team. <i>Pflugers Archiv European Journal of Physiology</i> , 2000 , 441, R48-51	4.6	13
45	Valsalva Maneuver in Pulmonary Arterial Hypertension: Susceptibility to Syncope and Autonomic Dysfunction. <i>Chest</i> , 2016 , 149, 1252-60	5.3	12

44	Genetic polymorphisms of adrenergic receptors. <i>Clinical Autonomic Research</i> , 2001 , 11, 67-78	4.3	12
43	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
42	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
41	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
40	Human papillomavirus (HPV) vaccine and autonomic disorders: a position statement from the American Autonomic Society. <i>Clinical Autonomic Research</i> , 2020 , 30, 13-18	4.3	10
39	Clinical and molecular pharmacologic characteristics of adenosine-induced vasodilation. <i>Clinical Pharmacology and Therapeutics</i> , 2004 , 75, 137-9	6.1	9
38	Pharmacologic treatment of orthostatic hypotension. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020 , 229, 102721	2.4	9
37	Respiratory modulation of human autonomic function: long-term neuroplasticity in space. <i>Journal of Physiology</i> , 2016 , 594, 5629-46	3.9	8
36	Respiratory modulation of human autonomic function on Earth. <i>Journal of Physiology</i> , 2016 , 594, 5611-23.9	3.9	8
35	Time-Course Analysis of Flow Mediated Dilation for the Evaluation of Endothelial Function After a High-Fat Meal in African Americans. <i>Journal of the American Heart Association</i> , 2015 , 4,	6	7
34	Congenital absence of norepinephrine due to mutations. <i>Neurology</i> , 2020 , 94, e200-e204	6.5	7
33	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
32	Munchausen's syndrome presenting as baroreflex failure. <i>New England Journal of Medicine</i> , 2000 , 343, 581	59.2	6
31	Local Passive Heat for the Treatment of Hypertension in Autonomic Failure. <i>Journal of the American Heart Association</i> , 2021 , 10, e018979	6	6
30	Management of Orthostatic Hypotension, Postprandial Hypotension, and Supine Hypertension. <i>Seminars in Neurology</i> , 2020 , 40, 515-522	3.2	5
29	Familial Autonomic Ganglionopathy Caused by Rare Genetic Variants. <i>Neurology</i> , 2021 , 97, e145-e155	6.5	5
28	Neurogenic Orthostatic Hypotension. Lessons From Synucleinopathies. <i>American Journal of Hypertension</i> , 2021 , 34, 125-133	2.3	5
27	Limitations of the Unified Multiple System Atrophy Rating Scale as outcome measure for clinical trials and a roadmap for improvement. <i>Clinical Autonomic Research</i> , 2021 , 31, 157-164	4.3	5

26	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
25	Human papillomavirus (HPV) vaccine and autonomic disorders: a position statement from the American Autonomic Society. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020 , 223, 102550	2.4	4
24	What do we really know about supine hypertension in patients with orthostatic hypotension. <i>Current Opinion in Cardiology</i> , 2019 , 34, 384-389	2.1	4
23	Cognitive and Behavioral Changes in Patients Treated With Droxidopa for Neurogenic Orthostatic Hypotension: A Retrospective Review. <i>Cognitive and Behavioral Neurology</i> , 2019 , 32, 179-184	1.6	4
22	Blood pressure regulation in autonomic failure by dietary sodium, blood volume and posture. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021 , 236, 102891	2.4	3
21	Impaired Endothelial Function in Patients With Postural Tachycardia Syndrome. <i>Hypertension</i> , 2021 , 77, 1001-1009	8.5	3
20	Neurogenic orthostatic hypotension induced by tizanidine. <i>Clinical Autonomic Research</i> , 2020 , 30, 173-175	5.3	3
19	Predictors of the Pressor Response to the Norepinephrine Transporter Inhibitor, Atomoxetine, in Neurogenic Orthostatic Hypotension. <i>Hypertension</i> , 2021 , 78, 525-531	8.5	3
18	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
17	A standing dilemma: autonomic failure preceding Hodgkin's lymphoma. <i>American Journal of Medicine</i> , 2014 , 127, 284-7	2.4	2
16	Autonomic/metabolic interactions modulating the exercise pressor reflex: the purinergic hypothesis. <i>Journal of Physiology</i> , 2007 , 578, 5-6	3.9	2
15	Safety and efficacy of amprelosetine in symptomatic neurogenic orthostatic hypotension: a phase 2 trial. <i>Clinical Autonomic Research</i> , 2021 , 31, 699-711	4.3	2
14	Management of Orthostatic Hypotension in the Hospitalized Patient. A Narrative Review. <i>American Journal of Medicine</i> , 2021 ,	2.4	2
13	Advances in the Pathophysiology and Management of Supine Hypertension in Patients with Neurogenic Orthostatic Hypotension.. <i>Current Hypertension Reports</i> , 2022 , 24, 45	4.7	2
12	Effect of nitroglycerin on splanchnic and pulmonary blood volume. <i>Journal of Nuclear Cardiology</i> , 2021 , 1	2.1	1
11	Cross-talk between Gs and Gq coupled pathways in regulation of IL-4 by A2B adenosine receptors in human mast cells. <i>FASEB Journal</i> , 2006 , 20, A249	0.9	1
10	Response to: Human papillomavirus (HPV) vaccine safety concerning POTS, CRPS and related conditions. <i>Clinical Autonomic Research</i> , 2020 , 30, 183-184	4.3	1
9	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

8	Elevated cerebral blood flow in patients with pure autonomic failure. <i>Clinical Autonomic Research</i> , 2021 , 31, 405-414	4.3	○
7	Clinical and neurohormonal characteristics in African Americans with neurogenic orthostatic hypotension. <i>Clinical Autonomic Research</i> , 2021 , 31, 101-107	4.3	○
6	Transdermal auricular vagus stimulation for the treatment of postural tachycardia syndrome. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2021 , 236, 102886	2.4	○
5	Letter by Jordan and Biaggioni Regarding Article, "Particulate Matter Exposure and Stress Hormone Levels: A Randomized, Double-Blind, Crossover Trial of Air Purification". <i>Circulation</i> , 2018 , 137, 1205-1206	16.7	
4	Pro-angiogenic role of adenosine receptors in hypoxia. <i>FASEB Journal</i> , 2007 , 21, A1162	0.9	
3	Imbalance in circulating angiotensin II and angiotensin-(1 β) axes in primary autonomic failure. <i>FASEB Journal</i> , 2011 , 25, 1027.1	0.9	
2	Angiotensin II receptor blockade, but not ACE inhibition, reduces nocturnal hypertension and natriuresis in autonomic failure patients with low renin activity. <i>FASEB Journal</i> , 2013 , 27, 654.19	0.9	
1	Response to "Synucleinopathy: Treatment of Supine Hypertension". <i>American Journal of Hypertension</i> , 2021 , 34, 664	2.3	