

John S Floras

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3305152/john-s-floras-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

222
papers

14,776
citations

58
h-index

118
g-index

240
ext. papers

16,707
ext. citations

6.2
avg, IF

6.7
L-index

#	Paper	IF	Citations
222	Obstructive sleep apnoea and its cardiovascular consequences. <i>Lancet, The</i> , 2009 , 373, 82-93	40	893
221	Sleep Apnea and Cardiovascular Disease. <i>Circulation</i> , 2008 , 118, 1080-1111	16.7	880
220	Continuous positive airway pressure for central sleep apnea and heart failure. <i>New England Journal of Medicine</i> , 2005 , 353, 2025-33	59.2	869
219	Cardiovascular effects of continuous positive airway pressure in patients with heart failure and obstructive sleep apnea. <i>New England Journal of Medicine</i> , 2003 , 348, 1233-41	59.2	812
218	Sleep apnea and cardiovascular disease: an American Heart Association/American College of Cardiology Foundation Scientific Statement from the American Heart Association Council for High Blood Pressure Research Professional Education Committee, Council on Clinical Cardiology, Stroke Council, and Council on Cardiovascular Nursing and Safety. <i>Circulation</i> , 2008 , 118, 2567-2684	15.1	658
217	Suppression of central sleep apnea by continuous positive airway pressure and transplant-free survival in heart failure: a post hoc analysis of the Canadian Continuous Positive Airway Pressure for Patients with Central Sleep Apnea and Heart Failure Trial (CANPAP). <i>Circulation</i> , 2007 , 115, 3173-80	16.7	502
216	Influence of obstructive sleep apnea on mortality in patients with heart failure. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 1625-1631	15.1	447
215	Sleep apnea and heart failure: Part II: central sleep apnea. <i>Circulation</i> , 2003 , 107, 1822-6	16.7	420
214	Sleep apnea and heart failure: Part I: obstructive sleep apnea. <i>Circulation</i> , 2003 , 107, 1671-8	16.7	413
213	Sympathetic nervous system activation in human heart failure: clinical implications of an updated model. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 375-85	15.1	375
212	Effect of continuous positive airway pressure on intrathoracic and left ventricular transmural pressures in patients with congestive heart failure. <i>Circulation</i> , 1995 , 91, 1725-31	16.7	279
211	Clinical aspects of sympathetic activation and parasympathetic withdrawal in heart failure. <i>Journal of the American College of Cardiology</i> , 1993 , 22, 72A-84A	15.1	275
210	Effects of continuous positive airway pressure on obstructive sleep apnea and left ventricular afterload in patients with heart failure. <i>Circulation</i> , 1998 , 98, 2269-75	16.7	271
209	Sleep apnea and cardiovascular disease: a bidirectional relationship. <i>Circulation</i> , 2012 , 126, 1495-510	16.7	269
208	Sleepiness and sleep in patients with both systolic heart failure and obstructive sleep apnea. <i>Archives of Internal Medicine</i> , 2006 , 166, 1716-22		266
207	Regression of left ventricular hypertrophy after conversion to nocturnal hemodialysis. <i>Kidney International</i> , 2002 , 61, 2235-9	9.9	265
206	Inhibition of awake sympathetic nerve activity of heart failure patients with obstructive sleep apnea by nocturnal continuous positive airway pressure. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 2008-11	15.1	189

205	Prevalence and physiological predictors of sleep apnea in patients with heart failure and systolic dysfunction. <i>Journal of Cardiac Failure</i> , 2009 , 15, 279-85	3.3	182
204	Hemodynamic effects of simulated obstructive apneas in humans with and without heart failure. <i>Chest</i> , 2001 , 119, 1827-35	5.3	167
203	Fluid shift by lower body positive pressure increases pharyngeal resistance in healthy subjects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 1378-83	10.2	166
202	Nonselective versus selective beta-adrenergic receptor blockade in congestive heart failure: differential effects on sympathetic activity. <i>Circulation</i> , 2001 , 104, 2194-9	16.7	151
201	Short-term blood pressure, noradrenergic, and vascular effects of nocturnal home hemodialysis. <i>Hypertension</i> , 2003 , 42, 925-31	8.5	150
200	Heart rate variability biofeedback as a behavioral neurocardiac intervention to enhance vagal heart rate control. <i>American Heart Journal</i> , 2005 , 149, 1137	4.9	147
199	Muscle sympathetic nerve activity during wakefulness in heart failure patients with and without sleep apnea. <i>Hypertension</i> , 2005 , 46, 1327-32	8.5	146
198	Alterations in upper airway cross-sectional area in response to lower body positive pressure in healthy subjects. <i>Thorax</i> , 2007 , 62, 868-72	7.3	135
197	The sympathetic/parasympathetic imbalance in heart failure with reduced ejection fraction. <i>European Heart Journal</i> , 2015 , 36, 1974-82b	9.5	134
196	The 2011 Canadian Cardiovascular Society heart failure management guidelines update: focus on sleep apnea, renal dysfunction, mechanical circulatory support, and palliative care. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 319-38	3.8	123
195	Improvement in ejection fraction by nocturnal haemodialysis in end-stage renal failure patients with coexisting heart failure. <i>Nephrology Dialysis Transplantation</i> , 2002 , 17, 1518-21	4.3	112
194	Variation in the renin angiotensin system throughout the normal menstrual cycle. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 446-452	12.7	110
193	Sympathoneural and haemodynamic characteristics of young subjects with mild essential hypertension. <i>Journal of Hypertension</i> , 1993 , 11, 647-55	1.9	104
192	Sleep Apnea and Cardiovascular Disease: An Enigmatic Risk Factor. <i>Circulation Research</i> , 2018 , 122, 1741-1764	15.764	99
191	Digoxin reduces cardiac sympathetic activity in severe congestive heart failure. <i>Journal of the American College of Cardiology</i> , 1996 , 28, 155-61	15.1	97
190	Increased sympathetic outflow in cirrhosis and ascites: direct evidence from intraneural recordings. <i>Annals of Internal Medicine</i> , 1991 , 114, 373-80	8	96
189	Comparison of candoxatril and atrial natriuretic factor in healthy men. Effects on hemodynamics, sympathetic activity, heart rate variability, and endothelin. <i>Hypertension</i> , 1995 , 26, 1160-6	8.5	95
188	Impact of heart failure and exercise capacity on sympathetic response to handgrip exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H969-76	5.2	94

187	Endothelial function, carotid-femoral stiffness, and plasma matrix metalloproteinase-2 in men with bicuspid aortic valve and dilated aorta. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 660-8	15.1	90
186	Reducing cardiac filling pressure lowers norepinephrine spillover in patients with chronic heart failure. <i>Circulation</i> , 2000 , 101, 2053-9	16.7	90
185	Effect of hyperglycaemia on arterial pressure, plasma renin activity and renal function in early diabetes. <i>Clinical Science</i> , 1996 , 90, 189-95	6.5	88
184	Impact of nocturnal hemodialysis on the variability of heart rate and duration of hypoxemia during sleep. <i>Kidney International</i> , 2004 , 65, 661-5	9.9	86
183	Sleep apnea and cardiovascular risk. <i>Journal of Cardiology</i> , 2014 , 63, 3-8	3	74
182	The autonomic nervous system as a therapeutic target in heart failure: a scientific position statement from the Translational Research Committee of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2017 , 19, 1361-1378	12.3	73
181	Blood pressure variability: a novel and important risk factor. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 557-63	3.8	68
180	Magnitude and time course of hemodynamic responses to Mueller maneuvers in patients with congestive heart failure. <i>Journal of Applied Physiology</i> , 1998 , 85, 1476-84	3.7	68
179	Design of the effect of adaptive servo-ventilation on survival and cardiovascular hospital admissions in patients with heart failure and sleep apnoea: the ADVENT-HF trial. <i>European Journal of Heart Failure</i> , 2017 , 19, 579-587	12.3	67
178	Hemodynamic after-effects of acute dynamic exercise in sedentary normotensive postmenopausal women. <i>Journal of Hypertension</i> , 2005 , 23, 285-92	1.9	65
177	Consequences of impaired arterial baroreflexes in essential hypertension: effects on pressor responses, plasma noradrenaline and blood pressure variability. <i>Journal of Hypertension</i> , 1988 , 6, 525-35 ^{1.9}	1.9	65
176	Pathophysiologic and therapeutic implications of sleep apnea in congestive heart failure. <i>Journal of Cardiac Failure</i> , 1996 , 2, 223-40	3.3	63
175	Differing effects of obstructive and central sleep apneas on stroke volume in patients with heart failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 433-8	10.2	62
174	Prospective evaluation of nocturnal oximetry for detection of sleep-related breathing disturbances in patients with chronic heart failure. <i>Chest</i> , 2005 , 127, 1507-14	5.3	62
173	Nocturnal hemodialysis increases arterial baroreflex sensitivity and compliance and normalizes blood pressure of hypertensive patients with end-stage renal disease. <i>Kidney International</i> , 2005 , 68, 338-44	9.9	62
172	Relationship of systolic BP to obstructive sleep apnea in patients with heart failure. <i>Chest</i> , 2003 , 123, 1536-43	5.3	61
171	Continuous positive airway pressure increases heart rate variability in congestive heart failure. <i>Journal of the American College of Cardiology</i> , 1995 , 25, 672-9	15.1	61
170	Effect of oral contraceptives on the renin angiotensin system and renal function. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001 , 280, R807-13	3.2	60

169	Effects of short-term continuous positive airway pressure on myocardial sympathetic nerve function and energetics in patients with heart failure and obstructive sleep apnea: a randomized study. <i>Circulation</i> , 2014 , 130, 892-901	16.7	59
168	Influence of Cheyne-Stokes respiration on cardiovascular oscillations in heart failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 167, 1534-9	10.2	59
167	Dissociation between microneurographic and heart rate variability estimates of sympathetic tone in normal subjects and patients with heart failure. <i>Clinical Science</i> , 1999 , 96, 557-565	6.5	59
166	Continuous positive airway pressure increases heart rate variability in heart failure patients with obstructive sleep apnoea. <i>Clinical Science</i> , 2008 , 114, 243-9	6.5	58
165	Usefulness of temporal changes in neurohormones as markers of ventricular remodeling and prognosis in patients with left ventricular systolic dysfunction and heart failure receiving either candesartan or enalapril or both. <i>American Journal of Cardiology</i> , 2005 , 96, 698-704	3	58
164	Hypertension and Sleep Apnea. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 889-97	3.8	57
163	Augmented sympathetic neural response to simulated obstructive apnoea in human heart failure. <i>Clinical Science</i> , 2003 , 104, 231-8	6.5	56
162	Inverse relationship of subjective daytime sleepiness to sympathetic activity in patients with heart failure and obstructive sleep apnea. <i>Chest</i> , 2012 , 142, 1222-1228	5.3	55
161	Augmented sympathetic neural response to simulated obstructive apnoea in human heart failure. <i>Clinical Science</i> , 2003 , 104, 231-238	6.5	54
160	Estrogen status and the renin angiotensin aldosterone system. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R498-500	3.2	53
159	Paradoxical muscle sympathetic reflex activation in human heart failure. <i>Circulation</i> , 2015 , 131, 459-68	16.7	51
158	Statins and the autonomic nervous system. <i>Clinical Science</i> , 2014 , 126, 401-15	6.5	51
157	Arousal From Sleep and Sympathetic Excitation During Wakefulness. <i>Hypertension</i> , 2016 , 68, 1467-1474	8.5	51
156	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. <i>Nature Communications</i> , 2017 , 8, 15805	17.4	50
155	Relation of periodic leg movements during sleep and mortality in patients with systolic heart failure. <i>American Journal of Cardiology</i> , 2011 , 107, 447-51	3	49
154	Pressor responses to laboratory stresses and daytime blood pressure variability. <i>Journal of Hypertension</i> , 1987 , 5, 715-9	1.9	46
153	Association of blood pressure at hospital discharge with mortality in patients diagnosed with heart failure. <i>Circulation: Heart Failure</i> , 2009 , 2, 616-23	7.6	45
152	Left ventricular structural adaptations to obstructive sleep apnea in dilated cardiomyopathy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 1170-5	10.2	44

151	Continuous positive airway pressure improves nocturnal baroreflex sensitivity of patients with heart failure and obstructive sleep apnea. <i>Journal of Hypertension</i> , 2000 , 18, 1257-62	1.9	43
150	Lack of evidence for peripheral alpha(1)- adrenoceptor blockade during long-term treatment of heart failure with carvedilol. <i>Journal of the American College of Cardiology</i> , 2001 , 38, 1463-9	15.1	42
149	Effect of atrial natriuretic peptide on muscle sympathetic activity and its reflex control in human heart failure. <i>Circulation</i> , 1999 , 99, 1810-5	16.7	42
148	Respiratory correlates of muscle sympathetic nerve activity in heart failure. <i>Clinical Science</i> , 1998 , 95, 277-285	6.5	41
147	Role of autonomic nervous system in atrial fibrillation. <i>International Journal of Cardiology</i> , 2019 , 287, 181-188	3.2	41
146	Estradiol induces discordant angiotensin and blood pressure responses to orthostasis in healthy postmenopausal women. <i>Hypertension</i> , 2005 , 45, 399-405	8.5	40
145	The "unsympathetic" nervous system of heart failure. <i>Circulation</i> , 2002 , 105, 1753-5	16.7	40
144	Evaluation of 2 methods for sodium intake assessment in cardiac patients with and without heart failure: the confounding effect of loop diuretics. <i>American Journal of Clinical Nutrition</i> , 2011 , 93, 535-41	7	39
143	Effects of nitroglycerin treatment on baroreflex sensitivity and short-term heart rate variability in humans. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 2000-5	15.1	39
142	Differential sympathetic nerve and heart rate spectral effects of nonhypotensive lower body negative pressure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001 , 281, R468-75	3.2	39
141	Contrasting effects of lower body positive pressure on upper airways resistance and partial pressure of carbon dioxide in men with heart failure and obstructive or central sleep apnea. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1157-66	15.1	37
140	Selective versus nonselective beta-adrenergic receptor blockade in chronic heart failure: differential effects on myocardial energy substrate utilization. <i>European Journal of Heart Failure</i> , 2005 , 7, 618-23	12.3	37
139	Assessment and interpretation of sleep disordered breathing severity in cardiology: Clinical implications and perspectives. <i>International Journal of Cardiology</i> , 2018 , 271, 281-288	3.2	36
138	Comparison of muscle sympathetic activity in ischemic and nonischemic heart failure. <i>Journal of Cardiac Failure</i> , 2007 , 13, 470-5	3.3	36
137	Behavioral neurocardiac training in hypertension: a randomized, controlled trial. <i>Hypertension</i> , 2010 , 55, 1033-9	8.5	35
136	Arterial baroreceptor and cardiopulmonary reflex control of sympathetic outflow in human heart failure. <i>Annals of the New York Academy of Sciences</i> , 2001 , 940, 500-13	6.5	35
135	Relationship of heart rate variability to sleepiness in patients with obstructive sleep apnea with and without heart failure. <i>Journal of Clinical Sleep Medicine</i> , 2014 , 10, 271-6	3.1	35
134	Divergent muscle sympathetic responses to dynamic leg exercise in heart failure and age-matched healthy subjects. <i>Journal of Physiology</i> , 2015 , 593, 715-22	3.9	34

133	Sustained effect of continuous positive airway pressure on baroreflex sensitivity in congestive heart failure patients with obstructive sleep apnea. <i>Journal of Hypertension</i> , 2008 , 26, 1163-8	1.9	34
132	Exercise as an alternative to oral estrogen for amelioration of endothelial dysfunction in postmenopausal women. <i>American Heart Journal</i> , 2005 , 149, 291-7	4.9	34
131	Cardiometabolic consequences of gestational dysglycemia. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 677-84	15.1	33
130	Microneurographic evidence in healthy middle-aged humans for a sympathoexcitatory reflex activated by atrial pressure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 305, H931-8	5.2	32
129	Apnea-induced cortical BOLD-fMRI and peripheral sympathoneural firing response patterns of awake healthy humans. <i>PLoS ONE</i> , 2013 , 8, e82525	3.7	30
128	The effect of air pollution on spatial dispersion of myocardial repolarization in healthy human volunteers. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 198-206	15.1	29
127	Treating obstructive sleep apnea: is there more to the story than 2 millimeters of mercury?. <i>Hypertension</i> , 2007 , 50, 289-91	8.5	29
126	Simultaneous assessment of central and peripheral chemoreflex regulation of muscle sympathetic nerve activity and ventilation in healthy young men. <i>Journal of Physiology</i> , 2019 , 597, 3281-3296	3.9	28
125	Neural and hypotensive effects of angiotensin II receptor blockade. <i>Hypertension</i> , 1998 , 31, 378-83	8.5	28
124	Muscle sympathetic nerve activity and renal responsiveness to atrial natriuretic factor during the development of hepatic ascites. <i>American Journal of Medicine</i> , 1991 , 91, 383-92	2.4	28
123	Sympathetic alternans. Evidence for arterial baroreflex control of muscle sympathetic nerve activity in congestive heart failure. <i>Circulation</i> , 1997 , 95, 316-9	16.7	28
122	Association between resting-state brain functional connectivity and muscle sympathetic burst incidence. <i>Journal of Neurophysiology</i> , 2016 , 115, 662-73	3.2	27
121	Do high doses of AT(1)-receptor blockers attenuate central sympathetic outflow in humans with chronic heart failure?. <i>Clinical Science</i> , 2013 , 124, 589-95	6.5	27
120	Improvement in exercise duration and capacity after conversion to nocturnal home haemodialysis. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 3285-91	4.3	27
119	Effects of continuous positive airway pressure on blood pressure in hypertensive patients with obstructive sleep apnea: a 3-year follow-up. <i>Journal of Hypertension</i> , 2013 , 31, 352-60	1.9	27
118	Influence of Sex and Age on Muscle Sympathetic Nerve Activity of Healthy Normotensive Adults. <i>Hypertension</i> , 2020 , 76, 997-1005	8.5	27
117	Influence of Cheyne-Stokes respiration on ventricular response to atrial fibrillation in heart failure. <i>Journal of Applied Physiology</i> , 2005 , 99, 1689-96	3.7	26
116	Dissociation between microneurographic and heart rate variability estimates of sympathetic tone in normal subjects and patients with heart failure. <i>Clinical Science</i> , 1999 , 96, 557	6.5	26

115	Vagal heart rate responses to chronic beta-blockade in human heart failure relate to cardiac norepinephrine spillover. <i>European Journal of Heart Failure</i> , 2005 , 7, 878-81	12.3	25
114	Should Maternal Hemodynamics Guide Antihypertensive Therapy in Preeclampsia?. <i>Hypertension</i> , 2018 , 71, 550-556	8.5	23
113	Simvastatin reduces sympathetic outflow and augments endothelium-independent dilation in non-hyperlipidaemic primary hypertension. <i>Heart</i> , 2013 , 99, 240-6	5.1	23
112	The effects of intravenous sildenafil on hemodynamics and cardiac sympathetic activity in chronic human heart failure. <i>European Journal of Heart Failure</i> , 2006 , 8, 864-8	12.3	23
111	Influence of naloxone on muscle sympathetic nerve activity, systemic and calf haemodynamics and ambulatory blood pressure after exercise in mild essential hypertension. <i>Journal of Hypertension</i> , 1995 , 13, 447-462	1.9	23
110	Effects of acute and chronic beta-adrenoceptor blockade on baroreflex sensitivity in humans. <i>Journal of the Autonomic Nervous System</i> , 1988 , 25, 87-94		23
109	Cardioselective and nonselective beta-adrenoceptor blocking drugs in hypertension: a comparison of their effect on blood pressure during mental and physical activity. <i>Journal of the American College of Cardiology</i> , 1985 , 6, 186-95	15.1	23
108	Effect of fitness on reflex sympathetic neurovascular transduction in middle-age men. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 232-7	1.2	22
107	Caffeine abstinence augments the systolic blood pressure response to adenosine in humans. <i>American Journal of Cardiology</i> , 1998 , 81, 1382-5	3	22
106	Functional significance of presynaptic alpha-adrenergic receptors in failing and nonfailing human left ventricle. <i>Circulation</i> , 1995 , 92, 1793-800	16.7	22
105	Acute intermittent hypercapnic hypoxia and sympathetic neurovascular transduction in men. <i>Journal of Physiology</i> , 2020 , 598, 473-487	3.9	22
104	Cortical autonomic network gray matter and sympathetic nerve activity in obstructive sleep apnea. <i>Sleep</i> , 2018 , 41,	1.1	20
103	Caffeine prolongs exercise duration in heart failure. <i>Journal of Cardiac Failure</i> , 2006 , 12, 220-6	3.3	20
102	Exercise Blood Pressure Guidelines: Time to Re-evaluate What is Normal and Exaggerated?. <i>Sports Medicine</i> , 2018 , 48, 1763-1771	10.6	19
101	Caffeine Enhances Heart Rate Variability in Middle-Aged Healthy, But Not Heart Failure Subjects. <i>Journal of Caffeine Research</i> , 2012 , 2, 77-82		19
100	Atrial overdrive pacing for sleep apnea: a door now closed?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 1-3	10.2	19
99	Distinct Patterns of Hyperpnea During Cheyne-Stokes Respiration: Implication for Cardiac Function in Patients With Heart Failure. <i>Journal of Clinical Sleep Medicine</i> , 2017 , 13, 1235-1241	3.1	18
98	Dissociation between the short-term effects of nocturnal hemodialysis on endothelium dependent vasodilation and plasma ADMA. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 2685-6	9.4	18

97	Overnight Effects of Obstructive Sleep Apnea and Its Treatment on Stroke Volume in Patients With Heart Failure. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 832-8	3.8	17
96	Caffeine attenuates early post-exercise hypotension in middle-aged subjects. <i>American Journal of Hypertension</i> , 2006 , 19, 184-8	2.3	17
95	Sympathetic neural modulation of arterial stiffness in humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020 , 319, H1338-H1346	5.2	17
94	Continuous therapy with nitroglycerin impairs endothelium-dependent vasodilation but does not cause tolerance in conductance arteries: a human in vivo study. <i>Journal of Cardiovascular Pharmacology</i> , 2004 , 44, 601-6	3.1	16
93	Effect of continuous positive airway pressure on sleep structure in heart failure patients with central sleep apnea. <i>Sleep</i> , 2009 , 32, 91-8	1.1	16
92	Sympathetic responses to atrial natriuretic peptide in patients with congestive heart failure. <i>Journal of Cardiovascular Pharmacology</i> , 2000 , 35, 129-35	3.1	16
91	Peripheral chemoreflex contribution to ventilatory long-term facilitation induced by acute intermittent hypercapnic hypoxia in males and females. <i>Journal of Physiology</i> , 2020 , 598, 4713-4730	3.9	15
90	Muscle sympathetic activity in resting and exercising humans with and without heart failure. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 1107-15	3	14
89	Muscle sympathetic nerve activity and ventilation during exercise in subjects with and without chronic heart failure. <i>Canadian Journal of Cardiology</i> , 2008 , 24, 275-8	3.8	14
88	Respiratory modulation of the autonomic nervous system during Cheyne-Stokes respiration. <i>Canadian Journal of Physiology and Pharmacology</i> , 2006 , 84, 61-6	2.4	14
87	Sympathetic Nervous System in Patients with Sleep Related Breathing Disorders. <i>Current Hypertension Reviews</i> , 2016 , 12, 18-26	2.3	14
86	Training heart failure patients with reduced ejection fraction attenuates muscle sympathetic nerve activation during mild dynamic exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019 , 317, R503-R512	3.2	13
85	Inverse relationship between muscle sympathetic activity during exercise and peak oxygen uptake in subjects with and without heart failure. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 605-6	15.1	12
84	Discordant orthostatic reflex renin-angiotensin and sympathoneural responses in premenopausal exercising-hypoestrogenic women. <i>Hypertension</i> , 2015 , 65, 1089-95	8.5	12
83	Activity with ambulation attenuates diuretic responsiveness in chronic heart failure. <i>Journal of Cardiac Failure</i> , 2011 , 17, 797-803	3.3	12
82	Effects of enalapril, candesartan or both on neurohumoral activation and LV volumes and function in patients with heart failure not treated with a beta-blocker. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2009 , 3, 113-21	3.4	12
81	Neurogenic retrograde arterial flow during obstructive sleep apnea: a novel mechanism for endothelial dysfunction?. <i>Hypertension</i> , 2011 , 58, e17-8	8.5	12
80	Effects of forearm venous occlusion on peroneal muscle sympathetic nerve activity in healthy subjects. <i>American Journal of Cardiology</i> , 1995 , 76, 212-214	3	12

79	Influence of atrial natriuretic factor on spontaneous baroreflex sensitivity for heart rate in humans. <i>Hypertension</i> , 1995 , 25, 1167-71	8.5	12
78	Obstructive sleep apnea syndrome, continuous positive airway pressure and treatment of hypertension. <i>European Journal of Pharmacology</i> , 2015 , 763, 28-37	5.3	11
77	Exercise training--not a class effect: blood pressure more buoyant after swimming than walking. <i>Journal of Hypertension</i> , 2006 , 24, 269-72	1.9	11
76	Lack of effect of sodium nitroprusside on insulin-mediated blood flow and glucose disposal in the elderly. <i>Metabolism: Clinical and Experimental</i> , 2000 , 49, 373-8	12.7	11
75	Vasopeptidase inhibition: a novel approach to cardiovascular therapy. <i>Canadian Journal of Cardiology</i> , 2002 , 18, 177-82	3.8	11
74	Sleep-Disordered Breathing in Heart Failure - A Therapeutic Dilemma. <i>Circulation Journal</i> , 2017 , 81, 903-912	9	9
73	Heritability and genetic correlations of heart rate variability at rest and during stress in the Oman Family Study. <i>Journal of Hypertension</i> , 2018 , 36, 1477-1485	1.9	9
72	Hemodynamic and neurochemical determinates of renal function in chronic heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016 , 310, R167-75	3.2	9
71	The SERVE-HF Trial. <i>Canadian Respiratory Journal</i> , 2015 , 22, 313	2.1	9
70	Eblockade restores muscle sympathetic rhythmicity in human heart failure. <i>Circulation Journal</i> , 2011 , 75, 1400-8	2.9	9
69	After-exercise heart rate variability is attenuated in postmenopausal women and unaffected by estrogen therapy. <i>Menopause</i> , 2016 , 23, 390-5	2.5	8
68	Modulation of cardiovascular reflexes by arginine vasopressin. <i>Canadian Journal of Physiology and Pharmacology</i> , 1987 , 65, 1717-23	2.4	8
67	Could Adjunctive Pharmacology Mitigate Cardiovascular Consequences of Obstructive Sleep Apnea?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 200, 551-555	10.2	7
66	Heart Failure-Specific Relationship Between Muscle Sympathetic Nerve Activity and Aortic Wave Reflection. <i>Journal of Cardiac Failure</i> , 2019 , 25, 404-408	3.3	7
65	Heritability and genetic correlations of obesity indices with ambulatory and office beat-to-beat blood pressure in the Oman Family Study. <i>Journal of Hypertension</i> , 2020 , 38, 1474-1480	1.9	7
64	Coagulation factor XIIa-kinin-mediated contribution to hypertension of chronic kidney disease. <i>Journal of Hypertension</i> , 2014 , 32, 1523-33; discussion 1533	1.9	7
63	Effects of long-term, once-daily administration of atenolol on ambulatory blood pressure of hypertensive patients. <i>Journal of Cardiovascular Pharmacology</i> , 1981 , 3, 958-64	3.1	7
62	Effect of angiotensin AT1 receptor blockade on sympathetic responses to handgrip in healthy men. <i>American Journal of Hypertension</i> , 2011 , 24, 537-43	2.3	6

61	Comparison of two indices for forearm noradrenaline release in humans. <i>Clinical Science</i> , 2000 , 99, 363-369	3.6	6
60	Cardiovascular Autonomic Disturbances in Heart Failure With Preserved Ejection Fraction. <i>Canadian Journal of Cardiology</i> , 2021 , 37, 609-620	3.8	6
59	Heritability and genetic and environmental correlations of heart rate variability and baroreceptor reflex sensitivity with ambulatory and beat-to-beat blood pressure. <i>Scientific Reports</i> , 2019 , 9, 1664	4.9	5
58	Acute effects of angiotensin-converting enzyme inhibition versus angiotensin II receptor blockade on cardiac sympathetic activity in patients with heart failure. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 313, R410-R417	3.2	5
57	Hypertension, sleep apnea, and atherosclerosis. <i>Hypertension</i> , 2009 , 53, 1-3	8.5	5
56	Dissociation between reflex sympathetic and forearm vascular responses to lower body negative pressure in heart failure patients with coronary artery disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009 , 297, H1760-6	5.2	5
55	Sleep apnea in heart failure: implications of sympathetic nervous system activation for disease progression and treatment. <i>Current Heart Failure Reports</i> , 2005 , 2, 212-7	2.8	5
54	Effect of Ultrafiltration on Sleep Apnea and Cardiac Function in End-Stage Renal Disease. <i>American Journal of Nephrology</i> , 2020 , 51, 139-146	4.6	4
53	Microneurographic characterization of sympathetic responses during 1-leg exercise in young and middle-aged humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 194-199	3	4
52	A new enzyme-linked immunosorbent assay recognizing both rat and human activated coagulation Factor XII (FXIIa). <i>Journal of Immunological Methods</i> , 2012 , 376, 132-8	2.5	4
51	Adrenomedullary catecholamine, pressor and chronotropic responses to human coagulation beta-FXIIa mediated by endogenous kinins. <i>Journal of Hypertension</i> , 2008 , 26, 61-9	1.9	4
50	Point:counterpoint: Increased mechanoreceptor/metaboreceptor stimulation explains the exaggerated exercise pressor reflex seen in heart failure. <i>Journal of Applied Physiology</i> , 2007 , 102, 824	3.7	4
49	Sleep Apnea and Left Atrial Phasic Function in Heart Failure With Reduced Ejection Fraction. <i>Canadian Journal of Cardiology</i> , 2016 , 32, 1402-1410	3.8	4
48	Acute intermittent hypercapnic hypoxia and cerebral neurovascular coupling in males and females. <i>Experimental Neurology</i> , 2020 , 334, 113441	5.7	3
47	Indexes of aortic wave reflection are not augmented in estrogen-deficient physically active premenopausal women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020 , 30, 1054-1063	4.6	3
46	Inverse relationship of subjective daytime sleepiness to mortality in heart failure patients with sleep apnoea. <i>ESC Heart Failure</i> , 2020 , 7, 2448-2454	3.7	3
45	Comparison of short-acting versus extended-release nifedipine: Effects on hemodynamics and sympathetic activity in patients with stable coronary artery disease. <i>Scientific Reports</i> , 2020 , 10, 565	4.9	3
44	Activated plasma coagulation Factor XII-induced vasoconstriction in rats. <i>Clinical Science</i> , 2012 , 122, 581-90	6.5	3

43	Inhibition of sPLA2 and endothelial function: a substudy of the SPIDER-PCI trial. <i>Canadian Journal of Cardiology</i> , 2012 , 28, 215-21	3.8	3
42	Reflex systemic sympatho-neural response to brachial adenosine infusion in treated heart failure. <i>European Journal of Heart Failure</i> , 2011 , 13, 475-81	12.3	3
41	Atrial fibrillation and cardiac sympathetic reflexes in heart failure. <i>European Heart Journal</i> , 2005 , 26, 2490-2	9.5	3
40	Heart Rate Variability Responses of Individuals With and Without Saline-Induced Obstructive Sleep Apnea. <i>Journal of Clinical Sleep Medicine</i> , 2018 , 14, 503-510	3.1	3
39	Augmented vagal heart rate modulation in active hypoestrogenic pre-menopausal women with functional hypothalamic amenorrhoea. <i>Clinical Science</i> , 2015 , 129, 885-93	6.5	2
38	Muscle metaboreflex and exercise heart rate: insights from studies in subjects with and without heart failure. <i>Journal of Physiology</i> , 2010 , 588, 2679; author reply 2681	3.9	2
37	727-1 The Role of Sympathetic Activity in Murine Myocarditis Leading to the Development of Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 1995 , 25, 132A-133A	15.1	2
36	Sympathetic neurohemodynamic transduction is attenuated in older males independent of aerobic fitness.. <i>Clinical Autonomic Research</i> , 2022 , 32, 73	4.3	2
35	Measuring Peripheral Chemoreflex Hypersensitivity in Heart Failure. <i>Frontiers in Physiology</i> , 2020 , 11, 595486	4.6	2
34	Comparison of Cortical Autonomic Network-Linked Sympathetic Excitation by Mueller Maneuvers and Breath-Holds in Subjects With and Without Obstructive Sleep Apnea. <i>Frontiers in Physiology</i> , 2021 , 12, 678630	4.6	2
33	From Brain to Blood Vessel: Insights From Muscle Sympathetic Nerve Recordings: Arthur C. Corcoran Memorial Lecture 2020. <i>Hypertension</i> , 2021 , 77, 1456-1468	8.5	2
32	Sympathetic neural responses in heart failure during exercise and after exercise training. <i>Clinical Science</i> , 2021 , 135, 651-669	6.5	2
31	Heart failure-specific inverse relationship between the muscle sympathetic response to dynamic leg exercise and O. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 1119-1125	3	2
30	Acute renal failure after renal denervation. <i>Journal of Vascular and Interventional Radiology</i> , 2015 , 26, 450-1	2.4	1
29	Angiotensin II-Type I Receptor Antagonism Does Not Influence the Chemoreceptor Reflex or Hypoxia-Induced Central Sleep Apnea in Men. <i>Frontiers in Neuroscience</i> , 2020 , 14, 382	5.1	1
28	Hypercapnia During Wakefulness Attenuates Ventricular Ectopy: Observations in a Young Man With Heart Failure With Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2020 , 13, e006837	7.6	1
27	Effect of a neck compression collar on cardiorespiratory and cerebrovascular function in postural orthostatic tachycardia syndrome (POTS). <i>Journal of Applied Physiology</i> , 2020 , 128, 907-913	3.7	1
26	Sleep apnoea and malignant ventricular arrhythmias in heart failure. <i>European Heart Journal</i> , 2011 , 32, 10-2	9.5	1

25	Comment on point:counterpoint: "cardiovascular variability is/is not an index of autonomic control of circulation". <i>Journal of Applied Physiology</i> , 2007 , 102, 2406	3.7	1
24	Muscle Sympathetic Nerve Activity During Wakefulness in Heart Failure Patients With and Without Sleep Apnea. <i>Hypertension</i> , 2005 , 46, 1327-1332	8.5	1
23	Sympathetic activation by obstructive sleep apnea: a challenging 'off-label' meta-analysis. <i>Journal of Hypertension</i> , 2022 , 40, 30-32	1.9	1
22	Effect of Trendelenburg position and lower-body positive pressure on neck fluid distribution. <i>Journal of Applied Physiology</i> , 2019 , 126, 1259-1264	3.7	0
21	Progressive Hypertension and Severe Left Ventricular Outflow Tract Obstruction. <i>Hypertension</i> , 2019 , 74, 1216-1225	8.5	0
20	The 2021 Carl Ludwig Lecture. Unsympathetic autonomic regulation in heart failure: patient-inspired insights. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 321, R338-R351	3.2	0
19	Warmer summer nocturnal surface air temperatures and cardiovascular disease death risk: a population-based study.. <i>BMJ Open</i> , 2022 , 12, e056806	3	0
18	Reply to letter from Zis and Zis--concerning blood pressure variability. <i>Canadian Journal of Cardiology</i> , 2014 , 30, 248.e9	3.8	
17	Alterations in the Sympathetic and Parasympathetic Nervous Systems in Heart Failure 2011 , 254-278		
16	Baroreflex sensitivity and heart rate variability were associated with total cardiac mortality following MI. <i>Evidence-based Cardiovascular Medicine</i> , 1998 , 2, 98-9		
15	AMBULATORY BLOOD-PRESSURE. <i>Lancet, The</i> , 1981 , 318, 587-588	40	
14	Hypercapnia Attenuates Ventricular Ectopy during Wakefulness in a Young Man with Heart Failure. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
13	Training Heart Failure Patients with Reduced Ejection Fraction Attenuates their Muscle Metaboreflex and Lowers Muscle Sympathetic Nerve Activity at Rest and During Mild Dynamic Exercise. <i>FASEB Journal</i> , 2018 , 32, 853.18	0.9	
12	Muscle Sympathetic Activity Kinetics during One-leg Cycling in Men and Women with and without Heart Failure: Evidence for Preserved Cardiopulmonary Baroreflex Sympathoinhibition. <i>FASEB Journal</i> , 2019 , 33, 860.12	0.9	
11	Comparative Assessment of Central and Peripheral Chemoreceptor Reflex Regulation of Muscle Sympathetic Nerve Activity and Ventilation. <i>FASEB Journal</i> , 2019 , 33, 560.2	0.9	
10	Contrasting Reflex Neural Modulation of Muscle Sympathetic Nerve Activity at Rest and During One-leg Dynamic Exercise in Subjects with and without Heart Failure. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
9	When is Muscle Sympathetic Nerve Activity Abnormal? <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
8	Discordant neurohumoral responsiveness to orthostatic stress in amenorrheic physically active premenopausal women (858.4). <i>FASEB Journal</i> , 2014 , 28, 858.4	0.9	

- 7 Single-unit muscle sympathetic recordings identify in human heart failure unique fibers discharging in response to both unloading and loading of cardiopulmonary receptors (LB735). *FASEB Journal*, **2014**, 28, LB735 0.9
- 6 Elevated Cardiac Vagal Tone in Hypoestrogenic Active Premenopausal Women with Functional Hypothalamic Amenorrhea. *FASEB Journal*, **2015**, 29, 820.7 0.9
- 5 Divergent relationship between arterial baroreflex sensitivity and mental stress-induced blood pressure reactivity in women and men of Oman Family Study. *FASEB Journal*, **2015**, 29, LB578 0.9
- 4 Alterations in the Sympathetic and Parasympathetic Nervous Systems in Heart Failure **2020**, 181-200.e4
- 3 Update on the Canadian Hypertension Society: Maintaining our strengths within an evolving environment. *Canadian Journal of Cardiology*, **2002**, 18, 589-90 3.8
- 2 Autonomic and neuroendocrine modulation of arterial stiffness and hemodynamics **2022**, 369-390
- 1 Methodology for the nocturnal cardiac arrhythmia ancillary study of the ADVENT-HF trial in patients with heart failure with reduced ejection fraction and sleep-disordered breathing. *IJC Heart and Vasculature*, **2022**, 41, 101057 2.4