

# Catherine F Notarius

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,030  
citations

361413

20  
h-index

414414

32  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of heart failure and exercise capacity on sympathetic response to handgrip exercise. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H969-H976.	3.2	108
2	Dose-related effects of red wine and alcohol on hemodynamics, sympathetic nerve activity, and arterial diameter. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H605-H612.	3.2	89
3	Hemodynamic after-effects of acute dynamic exercise in sedentary normotensive postmenopausal women. Journal of Hypertension, 2005, 23, 285-292.	0.5	77
4	Dissociation between microneurographic and heart rate variability estimates of sympathetic tone in normal subjects and patients with heart failure. Clinical Science, 1999, 96, 557-565.	4.3	70
5	Influence of Sex and Age on Muscle Sympathetic Nerve Activity of Healthy Normotensive Adults. Hypertension, 2020, 76, 997-1005.	2.7	60
6	Dose-related effects of red wine and alcohol on heart rate variability. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H2226-H2231.	3.2	57
7	Divergent muscle sympathetic responses to dynamic leg exercise in heart failure and age-matched healthy subjects. Journal of Physiology, 2015, 593, 715-722.	2.9	49
8	Effect of Atrial Natriuretic Peptide on Muscle Sympathetic Activity and Its Reflex Control in Human Heart Failure. Circulation, 1999, 99, 1810-1815.	1.6	48
9	Comparison of Muscle Sympathetic Activity in Ischemic and Nonischemic Heart Failure. Journal of Cardiac Failure, 2007, 13, 470-475.	1.7	41
10	Exercise as an alternative to oral estrogen for amelioration of endothelial dysfunction in postmenopausal women. American Heart Journal, 2005, 149, 291-297.	2.7	39
11	Improvement in exercise duration and capacity after conversion to nocturnal home haemodialysis. Nephrology Dialysis Transplantation, 2007, 22, 3285-3291.	0.7	35
12	Effect of adenosine on heart rate variability in humans. Clinical Science, 1999, 96, 597-604.	4.3	32
13	Dissociation between microneurographic and heart rate variability estimates of sympathetic tone in normal subjects and patients with heart failure. Clinical Science, 1999, 96, 557.	4.3	30
14	Simvastatin reduces sympathetic outflow and augments endothelium-independent dilation in non-hyperlipidaemic primary hypertension. Heart, 2013, 99, 240-246.	2.9	26
15	Effect of Fitness on Reflex Sympathetic Neurovascular Transduction in Middle-Age Men. Medicine and Science in Sports and Exercise, 2012, 44, 232-237.	0.4	25
16	Caffeine Enhances Heart Rate Variability in Middle-Aged Healthy, But Not Heart Failure Subjects. Journal of Caffeine Research, 2012, 2, 77-82.	0.9	24
17	Caffeine Attenuates Early Post-Exercise Hypotension in Middle-Aged Subjects. American Journal of Hypertension, 2006, 19, 184-188.	2.0	23
18	Caffeine Abstinence Augments the Systolic Blood Pressure Response to Adenosine in Humans. American Journal of Cardiology, 1998, 81, 1382-1385.	1.6	22

#	ARTICLE	IF	CITATIONS
19	Caffeine Prolongs Exercise Duration in Heart Failure. <i>Journal of Cardiac Failure</i> , 2006, 12, 220-226.	1.7	22
20	Muscle sympathetic activity in resting and exercising humans with and without heart failure. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 1107-1115.	1.9	22
21	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.	1.8	21
22	Muscle sympathetic nerve activity and ventilation during exercise in subjects with and without chronic heart failure. <i>Canadian Journal of Cardiology</i> , 2008, 24, 275-278.	1.7	16
23	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, 605-606.	2.8	15
24	Heart Failure-Specific Relationship Between Muscle Sympathetic Nerve Activity and Aortic Wave Reflection. <i>Journal of Cardiac Failure</i> , 2019, 25, 404-408.	1.7	11
25	After-exercise heart rate variability is attenuated in postmenopausal women and unaffected by estrogen therapy. <i>Menopause</i> , 2016, 23, 390-395.	2.0	10
26	Effect of adenosine on heart rate variability in humans. <i>Clinical Science</i> , 1999, 96, 597.	4.3	9
27	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.	1.9	9
28	Atrial natriuretic peptide augments the variability of sympathetic nerve activity in human heart failure. <i>Journal of Hypertension</i> , 2001, 19, 619-626.	0.5	8
29	Heart failure-specific inverse relationship between the muscle sympathetic response to dynamic leg exercise and $\dot{V}O_2$ peak. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1119-1125.	1.9	7
30	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-H1766.	3.2	6
31	Effect of Angiotensin AT1 Receptor Blockade on Sympathetic Responses to Handgrip in Healthy Men. <i>American Journal of Hypertension</i> , 2011, 24, 537-543.	2.0	6
32	Sympathetic neural responses in heart failure during exercise and after exercise training. <i>Clinical Science</i> , 2021, 135, 651-669.	4.3	6
33	Increased mechanoreceptor/metaboreceptor stimulation explains the exaggerated exercise pressor reflex seen in heart failure. <i>Journal of Applied Physiology</i> , 2007, 102, 824-824.	2.5	4
34	Comment on Point:Counterpoint: "Cardiovascular variability is/is not an index of autonomic control of circulation". <i>Journal of Applied Physiology</i> , 2007, 102, 2406-2406.	2.5	2
35	Why Would the Effect of Beet Root Juice on Exercise Capacity in HFrEF Vary With Etiology?. <i>Journal of Cardiac Failure</i> , 2019, 25, 222.	1.7	1
36	Horizon meeting on cardiovascular physiology: Dedicated to Dr. Mike Sharratt. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 865-868.	1.9	0

#	ARTICLE	IF	CITATIONS
37	Muscle Sympathetic Activity Kinetics during Oneâ€leg Cycling in Men and Women with and without Heart Failure: Evidence for Preserved Cardiopulmonary Baroreflex Sympathoinhibition. FASEB Journal, 2019, 33, 860.12.	0.5	0
38	Contrasting Reflex Neural Modulation of Muscle Sympathetic Nerve Activity at Rest and During Oneâ€leg Dynamic Exercise in Subjects with and without Heart Failure. FASEB Journal, 2020, 34, 1-1.	0.5	0
39	When is Muscle Sympathetic Nerve Activity â€Abnormalâ€™?. FASEB Journal, 2020, 34, 1-1.	0.5	0
40	Autonomic modulation in heart failure patients by cardiopulmonary rehabilitation: who benefits?. European Journal of Preventive Cardiology, 0, , .	1.8	0