

# 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	Sympathetic neural responses in heart failure during exercise and after exercise training. <i>Clinical Science</i> , 2021, 135, 651-669.	4.3	6
2	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
3	Influence of Sex and Age on Muscle Sympathetic Nerve Activity of Healthy Normotensive Adults. <i>Hypertension</i> , 2020, 76, 997-1005.	2.7	60
4	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.	0.5	0
5	When is Muscle Sympathetic Nerve Activity "Abnormal"? <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0
6	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
7	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
8	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
9	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
10	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.	0.5	0
11	Horizon meeting on cardiovascular physiology: Dedicated to Dr. Mike Sharratt. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 865-868.	1.9	0
12	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
13	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
14	Divergent muscle sympathetic responses to dynamic leg exercise in heart failure and age-matched healthy subjects. <i>Journal of Physiology</i> , 2015, 593, 715-722.	2.9	49
15	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
16	Simvastatin reduces sympathetic outflow and augments endothelium-independent dilation in non-hyperlipidaemic primary hypertension. <i>Heart</i> , 2013, 99, 240-246.	2.9	26
17	Effect of Fitness on Reflex Sympathetic Neurovascular Transduction in Middle-Age Men. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 232-237.	0.4	25
18	Caffeine Enhances Heart Rate Variability in Middle-Aged Healthy, But Not Heart Failure Subjects. <i>Journal of Caffeine Research</i> , 2012, 2, 77-82.	0.9	24

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19	Effect of Angiotensin AT1 Receptor Blockade on Sympathetic Responses to Handgrip in Healthy Men. American Journal of Hypertension, 2011, 24, 537-543.	2.0	6
20	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
21	Dissociation between reflex sympathetic and forearm vascular responses to lower body negative pressure in heart failure patients with coronary artery disease. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1760-H1766.	3.2	6
22	Muscle sympathetic nerve activity and ventilation during exercise in subjects with and without chronic heart failure. Canadian Journal of Cardiology, 2008, 24, 275-278.	1.7	16
23	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
24	Increased mechanoreceptor/metaboreceptor stimulation explains the exaggerated exercise pressor reflex seen in heart failure. Journal of Applied Physiology, 2007, 102, 824-824.	2.5	4
25	Comment on Point:Counterpoint: "Cardiovascular variability is/is not an index of autonomic control of circulation". Journal of Applied Physiology, 2007, 102, 2406-2406.	2.5	2
26	Improvement in exercise duration and capacity after conversion to nocturnal home haemodialysis. Nephrology Dialysis Transplantation, 2007, 22, 3285-3291.	0.7	35
27	Comparison of Muscle Sympathetic Activity in Ischemic and Nonischemic Heart Failure. Journal of Cardiac Failure, 2007, 13, 470-475.	1.7	41
28	Caffeine Prolongs Exercise Duration in Heart Failure. Journal of Cardiac Failure, 2006, 12, 220-226.	1.7	22
29	Caffeine Attenuates Early Post-Exercise Hypotension in Middle-Aged Subjects. American Journal of Hypertension, 2006, 19, 184-188.	2.0	23
30	Hemodynamic after-effects of acute dynamic exercise in sedentary normotensive postmenopausal women. Journal of Hypertension, 2005, 23, 285-292.	0.5	77
31	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
32	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
33	Atrial natriuretic peptide augments the variability of sympathetic nerve activity in human heart failure. Journal of Hypertension, 2001, 19, 619-626.	0.5	8
34	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
35	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
36	Effect of adenosine on heart rate variability in humans. Clinical Science, 1999, 96, 597-604.	4.3	32

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37	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.	4.3	30
38	Effect of adenosine on heart rate variability in humans. <i>Clinical Science</i> , 1999, 96, 597.	4.3	9
39	Caffeine Abstinence Augments the Systolic Blood Pressure Response to Adenosine in Humans. <i>American Journal of Cardiology</i> , 1998, 81, 1382-1385.	1.6	22
40	Autonomic modulation in heart failure patients by cardiopulmonary rehabilitation: who benefits?. <i>European Journal of Preventive Cardiology</i> , 0, , .	1.8	0