

Holly R Middlekauff

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

2,997
citations

218677

26
h-index

168389

53
g-index

71
all docs

71
docs citations

71
times ranked

3122
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of exercise training on sympathetic neural activation in advanced heart failure. <i>Journal of the American College of Cardiology</i> , 2003, 42, 854-860.	2.8	302
2	Increased muscle sympathetic nerve activity predicts mortality in heart failure patients. <i>International Journal of Cardiology</i> , 2009, 135, 302-307.	1.7	245
3	Increased Cardiac Sympathetic Activity and Oxidative Stress in Habitual Electronic Cigarette Users. <i>JAMA Cardiology</i> , 2017, 2, 278.	6.1	202
4	Adverse Effects of Cigarette and Noncigarette Smoke Exposure on the Autonomic Nervous System. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1740-1750.	2.8	177
5	Making the Case for Skeletal Myopathy as the Major Limitation of Exercise Capacity in Heart Failure. <i>Circulation: Heart Failure</i> , 2010, 3, 537-546.	3.9	136
6	Exaggerated muscle mechanoreflex control of reflex renal vasoconstriction in heart failure. <i>Journal of Applied Physiology</i> , 2001, 90, 1714-1719.	2.5	100
7	Muscle mechanoreceptor sensitivity in heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H1937-H1943.	3.2	94
8	Sympathomimetic Effects of Acute Electronic Cigarette Use: Role of Nicotine and Non-Nicotine Constituents. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	90
9	Electronic cigarettes and cardiovascular health: what do we know so far?. <i>Vascular Health and Risk Management</i> , 2019, Volume 15, 159-174.	2.3	89
10	Impact of Acute Mental Stress on Sympathetic Nerve Activity and Regional Blood Flow in Advanced Heart Failure. <i>Circulation</i> , 1997, 96, 1835-1842.	1.6	87
11	Adaptations in autonomic function during exercise training in heart failure. <i>Heart Failure Reviews</i> , 2008, 13, 51-60.	3.9	86
12	Exaggerated Renal Vasoconstriction During Exercise in Heart Failure Patients. <i>Circulation</i> , 2000, 101, 784-789.	1.6	85
13	Acupuncture inhibits sympathetic activation during mental stress in advanced heart failure patients. <i>Journal of Cardiac Failure</i> , 2002, 8, 399-406.	1.7	85
14	Abnormal neurovascular control during exercise is linked to heart failure severity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H1286-H1292.	3.2	83
15	Molecular basis for the improvement in muscle metaboreflex and mechanoreflex control in exercise-trained humans with chronic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1655-H1666.	3.2	68
16	Modulation of Renal Cortical Blood Flow During Static Exercise in Humans. <i>Circulation Research</i> , 1997, 80, 62-68.	4.5	66
17	Point-Counterpoint: Increased mechanoreceptor/metaboreceptor stimulation explains the exaggerated exercise pressor reflex seen in heart failure. <i>Journal of Applied Physiology</i> , 2007, 102, 492-494.	2.5	49
18	Cyclooxygenase products sensitize muscle mechanoreceptors in healthy humans. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H1944-H1949.	3.2	48

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19	Morning Sympathetic Nerve Activity Is Not Increased in Humans. <i>Circulation</i> , 1995, 91, 2549-2555.	1.6	47
20	Acupuncture effects on reflex responses to mental stress in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 280, R1462-R1468.	1.8	46
21	Cardiovascular impact of electronic-cigarette use. <i>Trends in Cardiovascular Medicine</i> , 2020, 30, 133-140.	4.9	36
22	Evidence for Preserved Cardiopulmonary Baroreflex Control of Renal Cortical Blood Flow in Humans With Advanced Heart Failure. <i>Circulation</i> , 1995, 92, 395-401.	1.6	36
23	Sympathetic nerve activity restrains reflex vasodilatation in heart failure. <i>Clinical Autonomic Research</i> , 2007, 17, 364-369.	2.5	35
24	Characteristics of secondhand electronic cigarette aerosols from active human use. <i>Aerosol Science and Technology</i> , 2017, 51, 1368-1376.	3.1	35
25	Exercise pressor reflex in humans with end-stage renal disease. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R1188-R1194.	1.8	33
26	Effects of exercise training on neurovascular control and skeletal myopathy in systolic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H792-H802.	3.2	32
27	Differential effects of tobacco cigarettes and electronic cigarettes on endothelial function in healthy young people. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H547-H556.	3.2	30
28	Cardiovascular autonomic effects of electronic cigarette use: a systematic review. <i>Clinical Autonomic Research</i> , 2020, 30, 507-519.	2.5	30
29	Tobacco and electronic cigarettes adversely impact ECG indexes of ventricular repolarization: implication for sudden death risk. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H1176-H1184.	3.2	28
30	Acupuncture effects on autonomic responses to cold pressor and handgrip exercise in healthy humans. <i>Clinical Autonomic Research</i> , 2004, 14, 113-118.	2.5	27
31	Abnormalities of Calcium Handling Proteins in Skeletal Muscle Mirror Those of the Heart in Humans With Heart Failure: A Shared Mechanism?. <i>Journal of Cardiac Failure</i> , 2012, 18, 724-733.	1.7	27
32	Exercise pressor response and arterial baroreflex unloading during exercise in chronic kidney disease. <i>Journal of Applied Physiology</i> , 2013, 114, 538-549.	2.5	27
33	Activation of the "Splenocardiac Axis" by electronic and tobacco cigarettes in otherwise healthy young adults. <i>Physiological Reports</i> , 2017, 5, e13393.	1.7	27
34	Exercise training prevents the deterioration in the arterial baroreflex control of sympathetic nerve activity in chronic heart failure patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1096-H1102.	3.2	26
35	Altered pattern of sympathetic activity with the ovarian cycle in female smokers. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H564-H568.	3.2	22
36	Exercise training improves neurovascular control and calcium cycling gene expression in patients with heart failure with cardiac resynchronization therapy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1180-H1188.	3.2	22

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37	Cyclooxygenase products sensitize muscle mechanoreceptors in humans with heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 294, H1956-H1962.	3.2	21
38	COUNTERPOINT: Does the Risk of Electronic Cigarettes Exceed Potential Benefits? <i>No. Chest</i> , 2015, 148, 582-584.	0.8	21
39	Elevated Cellular Oxidative Stress in Circulating Immune Cells in Otherwise Healthy Young People Who Use Electronic Cigarettes in a Cross-sectional Single-Center Study: Implications for Future Cardiovascular Risk. <i>Journal of the American Heart Association</i> , 2020, 9, e016983.	3.7	21
40	Abnormal sympathetic nerve activity in women exposed to cigarette smoke: a potential mechanism to explain increased cardiac risk. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 305, H1560-H1567.	3.2	20
41	Abnormal neurocirculatory control during exercise in humans with chronic renal failure. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 188, 74-81.	2.8	20
42	Sex Differences in Insular Cortex Gyri Responses to the Valsalva Maneuver. <i>Frontiers in Neurology</i> , 2016, 7, 87.	2.4	20
43	Acute and chronic sympathomimetic effects of e-cigarette and tobacco cigarette smoking: role of nicotine and non-nicotine constituents. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H262-H270.	3.2	18
44	How Does Cardiac Resynchronization Therapy Improve Exercise Capacity in Chronic Heart Failure?. <i>Journal of Cardiac Failure</i> , 2005, 11, 534-541.	1.7	16
45	Testosterone Deficiency Increases Hospital Readmission and Mortality Rates in Male Patients with Heart Failure. <i>Arquivos Brasileiros De Cardiologia</i> , 2015, 105, 256-64.	0.8	16
46	Vaping and cardiac disease. <i>Heart</i> , 2021, 107, 1530-1535.	2.9	14
47	Association of Electronic Cigarette Use With Myocardial Infarction: Persistent Uncertainty. <i>American Journal of Preventive Medicine</i> , 2019, 56, 159-160.	3.0	13
48	Changes in lipid composition associated with electronic cigarette use. <i>Journal of Translational Medicine</i> , 2020, 18, 379.	4.4	13
49	Drugs of Misuse: Focus on Vascular Dysfunction. <i>Canadian Journal of Cardiology</i> , 2022, 38, 1364-1377.	1.7	12
50	Linking: A Mechanism of Intermittent Preexcitation in the Wolff-Parkinson-White Syndrome. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1990, 13, 1629-1636.	1.2	11
51	Cigarette smoking is associated with dose-dependent adverse effects on paraoxonase activity and fibrinogen in young women. <i>Inhalation Toxicology</i> , 2014, 26, 861-865.	1.6	11
52	Expression of Key Inflammatory Proteins Is Increased in Immune Cells From Tobacco Cigarette Smokers But Not Electronic Cigarette Vapers: Implications for Atherosclerosis. <i>Journal of the American Heart Association</i> , 2021, 10, e019324.	3.7	11
53	Electronic and Tobacco Cigarettes Alter Polyunsaturated Fatty Acids and Oxidative Biomarkers. <i>Circulation Research</i> , 2021, 129, 514-526.	4.5	9
54	Adenosine Enhances Neuroexcitability by Inhibiting a Slow Postspike Afterhyperpolarization in Rabbit Vagal Afferent Neurons. <i>Circulation</i> , 2001, 103, 1325-1329.	1.6	8

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55	Intact skeletal muscle mitochondrial enzyme activity but diminished exercise capacity in advanced heart failure patients on optimal medical and device therapy. <i>Clinical Research in Cardiology</i> , 2013, 102, 547-554.	3.3	8
56	Electronic Cigarette Device-Related Hazards:. <i>American Journal of Preventive Medicine</i> , 2017, 52, 229-231.	3.0	8
57	Vaping Instead of Cigarette Smoking: A Panacea or Just Another Form of Cardiovascular Risk?. <i>Canadian Journal of Cardiology</i> , 2021, 37, 690-698.	1.7	8
58	Association of 1 Vaping Session With Cellular Oxidative Stress in Otherwise Healthy Young People With No History of Smoking or Vaping. <i>JAMA Pediatrics</i> , 2021, 175, 1174.	6.2	8
59	Noncigarette Tobacco Productsâ€™ Gateway or Diversion?. <i>JAMA Pediatrics</i> , 2018, 172, 784.	6.2	7
60	Instigators of COVID-19 in Immune Cells Are Increased in Tobacco Cigarette Smokers and Electronic Cigarette Vapers Compared With Nonsmokers. <i>Nicotine and Tobacco Research</i> , 2022, 24, 413-415.	2.6	6
61	Action Potential-Evoked Calcium Release Is Impaired in Single Skeletal Muscle Fibers from Heart Failure Patients. <i>PLoS ONE</i> , 2014, 9, e109309.	2.5	4
62	Cardiovascular effects of electronic cigarettes. <i>Nature Reviews Cardiology</i> , 2020, 17, 379-381.	13.7	4
63	Increased Expression of Proatherogenic Proteins in Immune Cell Subtypes in Tobacco Cigarette Smokers But Not in Electronic Cigarette Vapers. <i>Canadian Journal of Cardiology</i> , 2021, 37, 1175-1180.	1.7	4
64	Optimizing <scp>ECG</scp> lead selection for detection of prolongation of ventricular repolarization as measured by the Tpeakâ€™end interval. <i>Annals of Noninvasive Electrocardiology</i> , 0, , .	1.1	3
65	DIFFERENTIAL EFFECTS OF TOBACCO CIGARETTES AND ELECTRONIC CIGARETTES ON ENDOTHELIAL FUNCTION. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1858.	2.8	1
66	Acquired Long QT Syndrome after Acute Myocardial Infarction: A Rare but Potentially Fatal Entity. <i>Texas Heart Institute Journal</i> , 2020, 47, 163-164.	0.3	1
67	Rebuttal From Dr Middlekauff. <i>Chest</i> , 2015, 148, 585-586.	0.8	0
68	Increased Cardiovascular Risk Associated With E-Cigarette Useâ€™Reply. <i>JAMA Cardiology</i> , 2017, 2, 1166.	6.1	0
69	Muscle Vasoconstriction During Chemoreceptors Stimulation in Patients with Heart Failure. <i>FASEB Journal</i> , 2007, 21, A1268.	0.5	0
70	Exercise Training Restores Muscle Mechano and Metaboreflex Sensitivity in Heart Failure Patients. <i>FASEB Journal</i> , 2013, 27, 712.1.	0.5	0