Holly R Middlekauff

List of Publications by Year
in descending order

70	2,997	218677	168389
papers	citations	26 h-index	53 g-index

71	71	71	3122
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Instigators of COVID-19 in Immune Cells Are Increased in Tobacco Cigarette Smokers and Electronic Cigarette Vapers Compared With Nonsmokers. Nicotine and Tobacco Research, 2022, 24, 413-415.	2.6	6
2	Drugs of Misuse: Focus on Vascular Dysfunction. Canadian Journal of Cardiology, 2022, 38, 1364-1377.	1.7	12
3	Vaping Instead of Cigarette Smoking: A Panacea or Just Another Form of Cardiovascular Risk?. Canadian Journal of Cardiology, 2021, 37, 690-698.	1.7	8
4	Expression of Key Inflammatory Proteins Is Increased in Immune Cells From Tobacco Cigarette Smokers But Not Electronic Cigarette Vapers: Implications for Atherosclerosis. Journal of the American Heart Association, 2021, 10, e019324.	3.7	11
5	Vaping and cardiac disease. Heart, 2021, 107, 1530-1535.	2.9	14
6	Association of 1 Vaping Session With Cellular Oxidative Stress in Otherwise Healthy Young People With No History of Smoking or Vaping. JAMA Pediatrics, 2021, 175, 1174.	6.2	8
7	Increased Expression of Proatherogenic Proteins in Immune Cell Subtypes in Tobacco Cigarette Smokers But Not in Electronic Cigarette Vapers. Canadian Journal of Cardiology, 2021, 37, 1175-1180.	1.7	4
8	Electronic and Tobacco Cigarettes Alter Polyunsaturated Fatty Acids and Oxidative Biomarkers. Circulation Research, 2021, 129, 514-526.	4.5	9
9	Cardiovascular impact of electronic-cigarette use. Trends in Cardiovascular Medicine, 2020, 30, 133-140.	4.9	36
10	Changes in lipid composition associated with electronic cigarette use. Journal of Translational Medicine, 2020, 18, 379.	4.4	13
11	Differential effects of tobacco cigarettes and electronic cigarettes on endothelial function in healthy young people. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H547-H556.	3.2	30
12	Elevated Cellular Oxidative Stress in Circulating Immune Cells in Otherwise Healthy Young People Who Use Electronic Cigarettes in a Crossâ€Sectional Singleâ€Center Study: Implications for Future Cardiovascular Risk. Journal of the American Heart Association, 2020, 9, e016983.	3.7	21
13	Acute and chronic sympathomimetic effects of e-cigarette and tobacco cigarette smoking: role of nicotine and non-nicotine constituents. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H262-H270.	3.2	18
14	Tobacco and electronic cigarettes adversely impact ECG indexes of ventricular repolarization: implication for sudden death risk. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H1176-H1184.	3.2	28
15	Cardiovascular autonomic effects of electronic cigarette use: a systematic review. Clinical Autonomic Research, 2020, 30, 507-519.	2.5	30
16	Cardiovascular effects of electronic cigarettes. Nature Reviews Cardiology, 2020, 17, 379-381.	13.7	4
17	DIFFERENTIAL EFFECTS OF TOBACCO CIGARETTES AND ELECTRONIC CIGARETTES ON ENDOTHELIAL FUNCTION. Journal of the American College of Cardiology, 2020, 75, 1858.	2.8	1
18	Acquired Long QT Syndrome after Acute Myocardial Infarction: A Rare but Potentially Fatal Entity. Texas Heart Institute Journal, 2020, 47, 163-164.	0.3	1

#	Article	IF	Citations
19	Electronic cigarettes and cardiovascular health: what do we know so far? . Vascular Health and Risk Management, 2019, Volume 15, 159-174.	2.3	89
20	Association of Electronic Cigarette Use With Myocardial Infarction: Persistent Uncertainty. American Journal of Preventive Medicine, 2019, 56, 159-160.	3.0	13
21	Noncigarette Tobacco Productsâ€"Gateway or Diversion?. JAMA Pediatrics, 2018, 172, 784.	6.2	7
22	Increased Cardiac Sympathetic Activity and Oxidative Stress in Habitual Electronic Cigarette Users. JAMA Cardiology, 2017, 2, 278.	6.1	202
23	Increased Cardiovascular Risk Associated With E-Cigarette Useâ€"Reply. JAMA Cardiology, 2017, 2, 1166.	6.1	0
24	Activation of the â€œSplenocardiac Axisâ€•by electronic and tobacco cigarettes in otherwise healthy young adults. Physiological Reports, 2017, 5, e13393.	1.7	27
25	Sympathomimetic Effects of Acute Eâ€Cigarette Use: Role of Nicotine and Nonâ€Nicotine Constituents. Journal of the American Heart Association, 2017, 6, .	3.7	90
26	Characteristics of secondhand electronic cigarette aerosols from active human use. Aerosol Science and Technology, 2017, 51, 1368-1376.	3.1	35
27	Electronic Cigarette Device-Related Hazards:. American Journal of Preventive Medicine, 2017, 52, 229-231.	3.0	8
28	Sex Differences in Insular Cortex Gyri Responses to the Valsalva Maneuver. Frontiers in Neurology, 2016, 7, 87.	2.4	20
29	Exercise training improves neurovascular control and calcium cycling gene expression in patients with heart failure with cardiac resynchronization therapy. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1180-H1188.	3.2	22
30	COUNTERPOINT: Does the Risk of Electronic Cigarettes Exceed Potential Benefits? No. Chest, 2015, 148, 582-584.	0.8	21
31	Rebuttal From Dr Middlekauff. Chest, 2015, 148, 585-586.	0.8	0
32	Testosterone Deficiency Increases Hospital Readmission and Mortality Rates in Male Patients with Heart Failure. Arquivos Brasileiros De Cardiologia, 2015, 105, 256-64.	0.8	16
33	Effects of exercise training on neurovascular control and skeletal myopathy in systolic heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H792-H802.	3.2	32
34	Abnormal neurocirculatory control during exercise in humans with chronic renal failure. Autonomic Neuroscience: Basic and Clinical, 2015, 188, 74-81.	2.8	20
35	Exercise training prevents the deterioration in the arterial baroreflex control of sympathetic nerve activity in chronic heart failure patients. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H1096-H1102.	3.2	26
36	Action Potential-Evoked Calcium Release Is Impaired in Single Skeletal Muscle Fibers from Heart Failure Patients. PLoS ONE, 2014, 9, e109309.	2.5	4

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37	Adverse Effects of Cigarette and Noncigarette Smoke Exposure on the Autonomic Nervous System. Journal of the American College of Cardiology, 2014, 64, 1740-1750.	2.8	177
38	Cigarette smoking is associated with dose-dependent adverse effects on paraoxonase activity and fibrinogen in young women. Inhalation Toxicology, 2014, 26, 861-865.	1.6	11
39	Molecular basis for the improvement in muscle metaboreflex and mechanoreflex control in exercise-trained humans with chronic heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 307, H1655-H1666.	3.2	68
40	Intact skeletal muscle mitochondrial enzyme activity but diminished exercise capacity in advanced heart failure patients on optimal medical and device therapy. Clinical Research in Cardiology, 2013, 102, 547-554.	3.3	8
41	Abnormal sympathetic nerve activity in women exposed to cigarette smoke: a potential mechanism to explain increased cardiac risk. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 305, H1560-H1567.	3.2	20
42	Exercise pressor response and arterial baroreflex unloading during exercise in chronic kidney disease. Journal of Applied Physiology, 2013, 114, 538-549.	2.5	27
43	Exercise Training Restores Muscle Mechano and Metaboreflex Sensitivity in Heart Failure Patients. FASEB Journal, 2013, 27, 712.1.	0.5	0
44	Abnormalities of Calcium Handling Proteins in Skeletal Muscle Mirror Those of the Heart in Humans With Heart Failure: A Shared Mechanism?. Journal of Cardiac Failure, 2012, 18, 724-733.	1.7	27
45	Making the Case for Skeletal Myopathy as the Major Limitation of Exercise Capacity in Heart Failure. Circulation: Heart Failure, 2010, 3, 537-546.	3.9	136
46	Altered pattern of sympathetic activity with the ovarian cycle in female smokers. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H564-H568.	3.2	22
47	Increased muscle sympathetic nerve activity predicts mortality in heart failure patients. International Journal of Cardiology, 2009, 135, 302-307.	1.7	245
48	Adaptations in autonomic function during exercise training in heart failure. Heart Failure Reviews, 2008, 13, 51-60.	3.9	86
49	Cyclooxygenase products sensitize muscle mechanoreceptors in humans with heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1956-H1962.	3.2	21
50	Exercise pressor reflex in humans with end-stage renal disease. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1188-R1194.	1.8	33
51	Point:Counterpoint: Increased mechanoreceptor/metaboreceptor stimulation explains the exaggerated exercise pressor reflex seen in heart failure. Journal of Applied Physiology, 2007, 102, 492-494.	2.5	49
52	Sympathetic nerve activity restrains reflex vasodilatation in heart failure. Clinical Autonomic Research, 2007, 17, 364-369.	2.5	35
53	Muscle Vasoconstriction During Chemoreceptors Stimulation in Patients with Heart Failure. FASEB Journal, 2007, 21, A1268.	0.5	0
54	How Does Cardiac Resynchronization Therapy Improve Exercise Capacity in Chronic Heart Failure?. Journal of Cardiac Failure, 2005, 11, 534-541.	1.7	16

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55	Muscle mechanoreceptor sensitivity in heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1937-H1943.	3.2	94
56	Cyclooxygenase products sensitize muscle mechanoreceptors in healthy humans. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1944-H1949.	3.2	48
57	Acupuncture effects on autonomic responses to cold pressor and handgrip exercise in healthy humans. Clinical Autonomic Research, 2004, 14, 113-118.	2.5	27
58	The effects of exercise training on sympathetic neural activation in advanced heart failure. Journal of the American College of Cardiology, 2003, 42, 854-860.	2.8	302
59	Acupuncture inhibits sympathetic activation during mental stress in advanced heart failure patients. Journal of Cardiac Failure, 2002, 8, 399-406.	1.7	85
60	Exaggerated muscle mechanoreflex control of reflex renal vasoconstriction in heart failure. Journal of Applied Physiology, 2001, 90, 1714-1719.	2.5	100
61	Acupuncture effects on reflex responses to mental stress in humans. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2001, 280, R1462-R1468.	1.8	46
62	Abnormal neurovascular control during exercise is linked to heart failure severity. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H1286-H1292.	3.2	83
63	Adenosine Enhances Neuroexcitability by Inhibiting a Slow Postspike Afterhyperpolarization in Rabbit Vagal Afferent Neurons. Circulation, 2001, 103, 1325-1329.	1.6	8
64	Exaggerated Renal Vasoconstriction During Exercise in Heart Failure Patients. Circulation, 2000, 101, 784-789.	1.6	85
65	Impact of Acute Mental Stress on Sympathetic Nerve Activity and Regional Blood Flow in Advanced Heart Failure. Circulation, 1997, 96, 1835-1842.	1.6	87
66	Modulation of Renal Cortical Blood Flow During Static Exercise in Humans. Circulation Research, 1997, 80, 62-68.	4.5	66
67	Morning Sympathetic Nerve Activity Is Not Increased in Humans. Circulation, 1995, 91, 2549-2555.	1.6	47
68	Evidence for Preserved Cardiopulmonary Baroreflex Control of Renal Cortical Blood Flow in Humans With Advanced Heart Failure. Circulation, 1995, 92, 395-401.	1.6	36
69	Linking: A Mechanism of Intermittent Preexcitation in the Wolff-Parkinson-White Syndrome. PACE - Pacing and Clinical Electrophysiology, 1990, 13, 1629-1636.	1.2	11
70	Optimizing <scp>ECG</scp> lead selection for detection of prolongation of ventricular repolarization as measured by the Tpeakâ€end interval. Annals of Noninvasive Electrocardiology, 0, , .	1.1	3