

# Erin J Howden

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,278  
citations

318942

23  
h-index

263392

45  
g-index

71  
all docs

71  
docs citations

71  
times ranked

3243  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect and feasibility of wearable physical activity trackers and pedometers for increasing physical activity and improving health outcomes in cancer survivors: A systematic review and meta-analysis. <i>Journal of Sport and Health Science</i> , 2022, 11, 184-193.	3.3	42
2	Telehealth is here to stay but not without challenges: a consultation of cardiac rehabilitation clinicians during COVID-19 in Victoria, Australia. <i>European Journal of Cardiovascular Nursing</i> , 2022, 21, 548-558.	0.4	21
3	Exercise in Octogenarians: How Much Is Too Little?. <i>Annual Review of Medicine</i> , 2022, 73, 377-391.	5.0	2
4	Effect of a 3-Year Lifestyle Intervention in Patients with Chronic Kidney Disease: A Randomized Clinical Trial. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 431-441.	3.0	26
5	Authors' Reply: More Research is Still Needed to Support the Real-World Generalizability of the Benefits of Lifestyle Interventions for Chronic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, , ASN.2022030244.	3.0	0
6	Central Command and the Regulation of Exercise Heart Rate Response in Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2021, 143, 783-789.	1.6	14
7	The effect of exercise training on cardiometabolic health in men with prostate cancer receiving androgen deprivation therapy: a systematic review and meta-analysis. <i>Prostate Cancer and Prostatic Diseases</i> , 2021, 24, 35-48.	2.0	19
8	Traditional markers of cardiac toxicity fail to detect marked reductions in cardiorespiratory fitness among cancer patients undergoing anti-cancer treatment. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 451-458.	0.5	14
9	The effect of posture on maximal oxygen uptake in active healthy individuals. <i>European Journal of Applied Physiology</i> , 2021, 121, 1487-1498.	1.2	15
10	Reducing intracranial pressure by reducing central venous pressure: assessment of potential countermeasures to spaceflight-associated neuro-ocular syndrome. <i>Journal of Applied Physiology</i> , 2021, 130, 283-289.	1.2	7
11	Evidence of Reduced Efferent Renal Sympathetic Innervation After Chemical Renal Denervation in Humans. <i>American Journal of Hypertension</i> , 2021, 34, 744-752.	1.0	7
12	Oxygen Pathway Limitations in Patients With Chronic Thromboembolic Pulmonary Hypertension. <i>Circulation</i> , 2021, 143, 2061-2073.	1.6	19
13	Genome wide association study of response to interval and continuous exercise training: the Predict-HIIT study. <i>Journal of Biomedical Science</i> , 2021, 28, 37.	2.6	15
14	Youth Vascular Consortium (YVC) Protocol: Establishing Reference Intervals for Vascular Ageing in Children, Adolescents and Young Adults. <i>Heart Lung and Circulation</i> , 2021, 30, 1710-1715.	0.2	11
15	The role of systolic-diastolic coupling in distinguishing impaired diastolic recoil in healthy aging and heart failure with preserved ejection fraction. <i>Echocardiography</i> , 2021, 38, 261-270.	0.3	4
16	Response by Howden et al to Letter Regarding Article, "Oxygen Pathway Limitations in Patients With Chronic Thromboembolic Pulmonary Hypertension". <i>Circulation</i> , 2021, 144, e330-e331.	1.6	0
17	The impact of cardiac loading on a novel metric of left ventricular diastolic function in healthy middle-aged adults: Systolic-diastolic coupling. <i>Physiological Reports</i> , 2021, 9, e15129.	0.7	1
18	Increased Myocardial Stiffness in Patients With High-Risk Left Ventricular Hypertrophy. <i>Circulation</i> , 2020, 141, 115-123.	1.6	34

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19	Noninvasive Assessment of Cardiac Output: Accuracy and Precision of the Closed-Circuit Acetylene Rebreathing Technique for Cardiac Output Measurement. <i>Journal of the American Heart Association</i> , 2020, 9, e015794.	1.6	20
20	Exercise as a diagnostic and therapeutic tool for preventing cardiovascular morbidity in breast cancer patients—the BREast cancer EXercise InTervention (BREXIT) trial protocol. <i>BMC Cancer</i> , 2020, 20, 655.	1.1	9
21	Exercise cardiovascular magnetic resonance reveals reduced cardiac reserve in pediatric cancer survivors with impaired cardiopulmonary fitness. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 64.	1.6	22
22	The Utility of Cardiac Reserve for the Early Detection of Cancer Treatment-Related Cardiac Dysfunction: A Comprehensive Overview. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 32.	1.1	14
23	Mechanisms of Chronotropic Incompetence in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2020, 13, e006331.	1.6	52
24	A 12-month lifestyle intervention does not improve cardiac autonomic function in patients with chronic kidney disease. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 224, 102642.	1.4	7
25	The effect of lifelong endurance exercise on cardiovascular structure and exercise function in women. <i>Journal of Physiology</i> , 2020, 598, 2589-2605.	1.3	21
26	Elevated exercise blood pressure in middle-aged women is associated with altered left ventricular and vascular stiffness. <i>Journal of Applied Physiology</i> , 2020, 128, 1123-1129.	1.2	11
27	Abstract 14453: Ventilatory Inefficiency Associated With Stage a Heart Failure. <i>Circulation</i> , 2020, 142, .	1.6	0
28	Safety, hemodynamic effects, and detection of acute xenon inhalation: rationale for banning xenon from sport. <i>Journal of Applied Physiology</i> , 2019, 127, 1511-1518.	1.2	7
29	Effect of acute and chronic xenon inhalation on erythropoietin, hematological parameters, and athletic performance. <i>Journal of Applied Physiology</i> , 2019, 127, 1503-1510.	1.2	9
30	High-Intensity interval training in chronic kidney disease: A randomized pilot study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1197-1204.	1.3	22
31	Central command increases muscle sympathetic nerve activity more to contracting than noncontracting muscle during rhythmic isotonic leg exercise. <i>Journal of Neurophysiology</i> , 2019, 121, 1704-1710.	0.9	4
32	Exercise Attenuates Cardiotoxicity of Anthracycline Chemotherapy Measured by Global Longitudinal Strain. <i>JACC: CardioOncology</i> , 2019, 1, 298-301.	1.7	20
33	Persistent Impairment in Cardiopulmonary Fitness after Breast Cancer Chemotherapy. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1573-1581.	0.2	42
34	Left Atrial Electromechanical Remodeling Following 2 Years of High-Intensity Exercise Training in Sedentary Middle-Aged Adults. <i>Circulation</i> , 2019, 139, 1507-1516.	1.6	24
35	Determinants of exercise intolerance in breast cancer patients prior to anthracycline chemotherapy. <i>Physiological Reports</i> , 2019, 7, e13971.	0.7	23
36	A Multi-Center Comparison of O <sub>2</sub> peak Trainability Between Interval Training and Moderate Intensity Continuous Training. <i>Frontiers in Physiology</i> , 2019, 10, 19.	1.3	75

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37	The impact of 2 years of high intensity exercise training on a model of integrated cardiovascular regulation. <i>Journal of Physiology</i> , 2019, 597, 419-429.	1.3	4
38	Exercise as a diagnostic and therapeutic tool for the prevention of cardiovascular dysfunction in breast cancer patients. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 305-315.	0.8	109
39	Lower body negative pressure to safely reduce intracranial pressure. <i>Journal of Physiology</i> , 2019, 597, 237-248.	1.3	57
40	Prospective, Comprehensive Cardiac Assessment in Patients Receiving BTK Inhibitor Therapy. <i>Blood</i> , 2019, 134, 4301-4301.	0.6	1
41	Standing up to the cardiometabolic consequences of hematological cancers. <i>Blood Reviews</i> , 2018, 32, 349-360.	2.8	5
42	Reversing the Cardiac Effects of Sedentary Aging in Middle Age – A Randomized Controlled Trial. <i>Circulation</i> , 2018, 137, 1549-1560.	1.6	135
43	Preload-corrected dynamic Starling mechanism in patients with heart failure with preserved ejection fraction. <i>Journal of Applied Physiology</i> , 2018, 124, 76-82.	1.2	4
44	Effects of Sedentary Aging and Lifelong Exercise on Left Ventricular Systolic Function. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 494-501.	0.2	20
45	Response by Howden and Levine to Letters Regarding Article, “Reversing the Cardiac Effects of Sedentary Aging in Middle Age – A Randomized Controlled Trial: Implications for Heart Failure Prevention.” <i>Circulation</i> , 2018, 138, 1759-1760.	1.6	1
46	Impact of Lifelong Exercise Training Dose on Ventricular-Arterial Coupling. <i>Circulation</i> , 2018, 138, 2638-2647.	1.6	23
47	Agreement between cystatin-C and creatinine based eGFR estimates after a 12-month exercise intervention in patients with chronic kidney disease. <i>BMC Nephrology</i> , 2018, 19, 366.	0.8	15
48	Does High-Intensity Endurance Training Increase the Risk of Atrial Fibrillation?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005598.	2.1	28
49	Oxidative stress is associated with decreased heart rate variability in patients with chronic kidney disease. <i>Redox Report</i> , 2017, 22, 197-204.	1.4	25
50	Effect of gravity and microgravity on intracranial pressure. <i>Journal of Physiology</i> , 2017, 595, 2115-2127.	1.3	205
51	Effects of exercise and lifestyle intervention on oxidative stress in chronic kidney disease. <i>Redox Report</i> , 2017, 22, 127-136.	1.4	17
52	THE IMPACT OF LIFELONG EXERCISE TRAINING “DOSE” ON THE VENTRICULAR-ARTERIAL COUPLING. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1671.	1.2	1
53	Integrative Blood Pressure Response to Upright Tilt Post Renal Denervation. <i>American Journal of Hypertension</i> , 2017, 30, 632-641.	1.0	3
54	Potential role of endurance training in altering renal sympathetic nerve activity in CKD?. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2017, 204, 74-80.	1.4	12

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55	Point:Counterpoint. Journal of Applied Physiology, 2017, 123, 692-693.	1.2	9
56	Feasibility of higher intensity exercise in patients with chronic kidney disease. Journal of Sports Medicine and Physical Fitness, 2017, 58, 127-134.	0.4	5
57	<i>Preventive strategies to mitigate the deleterious effects of ischemic reperfusion injury</i> . Focus on "Acute hot water immersion is protective against impaired vascular function following forearm ischemia-reperfusion in young healthy humans". American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 311, R992-R993.	0.9	1
58	Association between left ventricular global longitudinal strain, health-related quality of life and functional capacity in chronic kidney disease patients with preserved ejection fraction. Nephrology, 2016, 21, 108-115.	0.7	12
59	Neither Hematocrit Normalization nor Exercise Training Restores Oxygen Consumption to Normal Levels in Hemodialysis Patients. Journal of the American Society of Nephrology: JASN, 2016, 27, 3769-3779.	3.0	25
60	The international POTS registry: Evaluating the efficacy of an exercise training intervention in a community setting. Heart Rhythm, 2016, 13, 943-950.	0.3	92
61	The role of exercise training in the management of chronic kidney disease. Current Opinion in Nephrology and Hypertension, 2015, 24, 480-487.	1.0	31
62	Oxidative stress contributes to muscle atrophy in chronic kidney disease patients. Redox Report, 2015, 20, 126-132.	1.4	20
63	Exercise Training in CKD: Efficacy, Adherence, and Safety. American Journal of Kidney Diseases, 2015, 65, 583-591.	2.1	98
64	Females have a blunted cardiovascular response to one year of intensive supervised endurance training. Journal of Applied Physiology, 2015, 119, 37-46.	1.2	96
65	Cardiorespiratory fitness and cardiovascular burden in chronic kidney disease. Journal of Science and Medicine in Sport, 2015, 18, 492-497.	0.6	40
66	Cardiac Remodeling in Response to 1 Year of Intensive Endurance Training. Circulation, 2014, 130, 2152-2161.	1.6	241
67	Exercise & Sports Science Australia (ESSA) position statement on exercise and chronic kidney disease. Journal of Science and Medicine in Sport, 2013, 16, 406-411.	0.6	111
68	Effects of Exercise and Lifestyle Intervention on Cardiovascular Function in CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2013, 8, 1494-1501.	2.2	107
69	Exercise Training in Chronic Kidney Disease Patients. Sports Medicine, 2012, 42, 473-488.	3.1	40
70	Cardiorespiratory Fitness Is Independently Associated with 25-Hydroxyvitamin D in Chronic Kidney Disease. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 512-518.	2.2	15
71	Postexercise Fat Oxidation: Effect of Exercise Duration, Intensity, and Modality. International Journal of Sport Nutrition and Exercise Metabolism, 2009, 19, 607-623.	1.0	37