David Ian Paterson

List of Publications by Year
in descending order

84 papers	2,759 citations	257450 24 h-index	189892 50 g-index
88 all docs	88 docs citations	88 times ranked	4238 citing authors

#	Article	IF	Citations
1	Multidisciplinary Approach to Novel Therapies in Cardio-Oncology Research (MANTICORE 101â€“Breast): A Randomized Trial for the Prevention of Trastuzumab-Associated Cardiotoxicity. Journal of Clinical Oncology, 2017, 35, 870-877.	1.6	292
2	Prognosis of Negative Adenosine Stress Magnetic Resonance in Patients Presenting to an Emergency Department With Chest Pain. Journal of the American College of Cardiology, 2006, 47, 1427-1432.	2.8	285
3	Inhibition of pyruvate dehydrogenase kinase improves pulmonary arterial hypertension in genetically susceptible patients. Science Translational Medicine, 2017, 9, .	12.4	206
4	Canadian Cardiovascular Society Guidelines for Evaluation and Management of Cardiovascular Complications of Cancer Therapy. Canadian Journal of Cardiology, 2016, 32, 831-841.	1.7	190
5	Determinants of exercise intolerance in patients with heart failure and reduced or preserved ejection fraction. Journal of Applied Physiology, 2015, 119, 739-744.	2.5	150
6	Hydroxychloroquine-Induced Cardiomyopathy: Case Report, Pathophysiology, Diagnosis, and Treatment. Canadian Journal of Cardiology, 2014, 30, 1706-1715.	1.7	126
7	Adjuvant Trastuzumab Induces Ventricular Remodeling Despite Aerobic Exercise Training. Clinical Cancer Research, 2009, 15, 4963-4967.	7.0	111
8	Home Exercise Training Improves Exercise Capacity in Cirrhosis Patients: Role of Exercise Adherence. Scientific Reports, 2018, 8, 99.	3.3	89
9	Correlation of cardiovascular magnetic resonance imaging findings and endomyocardial biopsy results in patients undergoing screening for heart transplant rejection. Journal of Heart and Lung Transplantation, 2015, 34, 643-650.	0.6	77
10	Strategies Incorporating Spiral CT for the Diagnosis of Acute Pulmonary Embolism. Chest, 2001, 119, 1791-1800.	0.8	63
11	Incident Cardiovascular Disease Among Adults With Cancer. JACC: CardioOncology, 2022, 4, 85-94.	4.0	55
12	Beta blockers and improved progression-free survival in patients with advanced HER2 negative breast cancer: a retrospective analysis of the ROSE/TRIO-012 study. Annals of Oncology, 2017, 28, 1836-1841.	1.2	52
13	Curing breast cancer and killing the heart: A novel model to explain elevated cardiovascular disease and mortality risk among women with early stage breast cancer. Progress in Cardiovascular Diseases, 2019, 62, 116-126.	3.1	50
14	The Cardio-oncology Program: A Multidisciplinary Approach to the Care of Cancer Patients With Cardiovascular Disease. Canadian Journal of Cardiology, 2016, 32, 847-851.	1.7	49
15	Carotid chemoreceptor modulation of blood flow during exercise in healthy humans. Journal of Physiology, 2011, 589, 6219-6230.	2.9	47
16	External Validation of the H ₂ F-PEF Model in Diagnosing Patients With Heart Failure and Preserved Ejection Fraction. Circulation, 2019, 139, 2377-2379.	1.6	44
17	Chloroquineâ€induced cardiomyopathy: a reversible cause of heart failure. ESC Heart Failure, 2018, 5, 372-375.	3.1	41
18	Heart failure with preserved ejection fraction in the elderly: scope of the problem. Heart Failure Reviews, 2012, 17, 555-562.	3.9	38

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19	Rationale and design of the multidisciplinary team intervenTion in cArdio-oNcology study (TITAN). BMC Cancer, 2016, 16, 733.	2.6	34
20	Reduced Right Ventricular Native Myocardial T1 in Anderson-Fabry Disease: Comparison to Pulmonary Hypertension and Healthy Controls. PLoS ONE, 2016, 11, e0157565.	2.5	30
21	Canadian Cardiovascular Society/Canadian Thoracic Society Position Statement on Pulmonary Hypertension. Canadian Journal of Cardiology, 2020, 36, 977-992.	1.7	29
22	Cardiac Magnetic Resonance Appearance of Myocarditis Caused by High Dose IL-2: Similarities to Community-Acquired Myocarditis. Journal of Cardiovascular Magnetic Resonance, 2006, 8, 353-360.	3.3	28
23	Recent advances in cardiac imaging for patients with heart failure. Current Opinion in Cardiology, 2011, 26, 132-143.	1.8	28
24	Reproducibility and Inter-observer Variability of Dobutamine Stress CMR in Patients with Severe Coronary Disease: Implications for Clinical Research. Journal of Cardiovascular Magnetic Resonance, 2005, 7, 763-768.	3.3	27
25	The Alberta Heart Failure Etiology and Analysis Research Team (HEART) study. BMC Cardiovascular Disorders, 2014, 14, 91.	1.7	27
26	Imaging Heart Failure: Current and Future Applications. Canadian Journal of Cardiology, 2013, 29, 317-328.	1.7	26
27	Cardiac and cardiometabolic phenotyping of trastuzumab-mediated cardiotoxicity: a secondary analysis of the MANTICORE trial. European Heart Journal - Cardiovascular Pharmacotherapy, 2022, 8, 130-139.	3.0	24
28	Change of Healthâ€Related Quality of Life Over Time and Its Association With Patient Outcomes in Patients With Heart Failure. Journal of the American Heart Association, 2020, 9, e017278.	3.7	23
29	Rationale and design of the Caloric Restriction and Exercise protection from Anthracycline Toxic Effects (CREATE) study: a 3-arm parallel group phase II randomized controlled trial in early breast cancer. BMC Cancer, 2018, 18, 864.	2.6	22
30	Layer-specific strain in patients with heart failure using cardiovascular magnetic resonance: not all layers are the same. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 81.	3.3	21
31	Plasma Exchange for Immune Checkpoint Inhibitorâ€“Induced Myocarditis. CJC Open, 2021, 3, 379-382.	1.5	21
32	OUTSMART HF. Circulation, 2020, 141, 818-827.	1.6	19
33	Effect of Active Cancer on the Cardiac Phenotype: A Cardiac Magnetic Resonance Imagingâ€Based Study of Myocardial Tissue Health and Deformation in Patients With Chemotherapyâ€NaÃ¯ve Cancer. Journal of the American Heart Association, 2021, 10, e019811.	3.7	19
34	Rationale and design of the Diet Restriction and Exercise-induced Adaptations in Metastatic breast cancer (DREAM) study: a 2-arm, parallel-group, phase II, randomized control trial of a short-term, calorie-restricted, and ketogenic diet plus exercise during intravenous chemotherapy versus usual care. BMC Cancer, 2021, 21, 1093.	2.6	19
35	Comparison of epicardial adipose tissue radiodensity threshold between contrast and non-contrast enhanced computed tomography scans: A cohort study of derivation and validation. Atherosclerosis, 2018, 275, 74-79.	0.8	16
36	Long COVID-19: A Primer for Cardiovascular Health Professionals, on Behalf of the CCS Rapid Response Team. Canadian Journal of Cardiology, 2021, 37, 1260-1262.	1.7	16

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37	Peripheral chemoreceptor control of cardiovascular function at rest and during exercise in heart failure patients. Journal of Applied Physiology, 2015, 118, 839-848.	2.5	15
38	Quantification of lung water in heart failure using cardiovascular magnetic resonanceÂimaging. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 58.	3.3	14
39	Titration and Tolerability of Sacubitril/Valsartan for Patients With Heart Failure in Clinical Practice. Journal of Cardiovascular Pharmacology, 2019, 73, 149-154.	1.9	14
40	Screening for Fabry Disease in patients with unexplained left ventricular hypertrophy. PLoS ONE, 2020, 15, e0239675.	2.5	14
41	The Adult With Repaired Coarctation: Need for Lifelong Surveillance. Canadian Journal of Cardiology, 2016, 32, 1038.e11-1038.e15.	1.7	13
42	Quantification of circumferential, longitudinal, and radial global fractional shortening using steadyâ€state free precession cines: A comparison with tissueâ€tracking strain and application in fabry disease. Magnetic Resonance in Medicine, 2015, 73, 586-596.	3.0	12
43	Glycogen Storage Disease Because of a PRKAG2 Mutation Causing Severe Biventricular Hypertrophy and High-Grade Atrio-Ventricular Block. Circulation: Heart Failure, 2016, 9, .	3.9	12
44	The Role of Cardio-Oncology in the Interprofessional Care of Adult Patients Receiving Cancer Therapy. Seminars in Oncology Nursing, 2017, 33, 384-392.	1.5	12
45	Prevention of Cardiovascular Disease Among Cancer Survivors: the Role of Pre-existing Risk Factors and Cancer Treatments. Current Epidemiology Reports, 2017, 4, 239-247.	2.4	12
46	Cardiac Rehabilitation in Patients With Lymphoma Undergoing Autologous Hematopoietic Stem Cell Transplantation: A Cardio-oncology Pilot Project. Canadian Journal of Cardiology, 2018, 34, S263-S269.	1.7	12
47	Cardiac remodelling predicts outcome in patients with chronic heart failure. ESC Heart Failure, 2021, 8, 5352-5362.	3.1	12
48	Differential Responses of Post-Exercise Recovery of Leg Blood Flow and Oxygen Uptake Kinetics in HFpEF versus HFrEF. PLoS ONE, 2016, 11, e0163513.	2.5	11
49	Subclinical Pulmonary Edema Is Associated With Reduced Exercise Capacity in HFpEF and HFrEF. Journal of the American College of Cardiology, 2017, 70, 1827-1828.	2.8	11
50	Cardiac and skeletal muscle predictors of impaired cardiorespiratory fitness post-anthracycline chemotherapy for breast cancer. Scientific Reports, 2021, 11, 14005.	3.3	11
51	Cardiovascular toxicity of PI3KÎ± inhibitors. Clinical Science, 2020, 134, 2595-2622.	4.3	11
52	A prospective evaluation of the established criteria for heart failure with preserved ejection fraction using the Alberta HEART cohort. ESC Heart Failure, 2018, 5, 19-26.	3.1	10
53	Impact of contrast echocardiography on accurate discrimination of specific degree of left ventricular systolic dysfunction and comparison with cardiac magnetic resonance imaging. Echocardiography, 2018, 35, 1746-1754.	0.9	10
54	Breast cancer diagnosis is associated with relative left ventricular hypertrophy and elevated endothelin-1 signaling. BMC Cancer, 2020, 20, 751.	2.6	10

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55	Left atrial remodelling, mid-regional pro-atrial natriuretic peptide, and prognosis across a range of ejection fractions in heart failure. European Heart Journal Cardiovascular Imaging, 2021, 22, 220-228.	1.2	10
56	2021 Update on Safety of Magnetic Resonance Imaging: Joint Statement From Canadian Cardiovascular Society/Canadian Society for Cardiovascular Magnetic Resonance/Canadian Heart Rhythm Society. Canadian Journal of Cardiology, 2021, 37, 835-847.	1.7	10
57	Normal left-atrial structure and function despite concentric left-ventricular remodelling in a cohort of patients with Andersonâ€“Fabry disease. European Heart Journal Cardiovascular Imaging, 2015, 16, 1129-1136.	1.2	9
58	Novel Dominantâ€“Negative Mutation in Cardiac Troponin I Causes Severe Restrictive Cardiomyopathy. Circulation: Heart Failure, 2017, 10, .	3.9	9
59	Effects of age, gender, and riskâ€factors for heart failure on native myocardial T₁ and extracellular volume fraction using the SASHA sequence at 1.5T. Journal of Magnetic Resonance Imaging, 2018, 48, 1307-1317.	3.4	9
60	Is Radiation-Induced Cardiac Toxicity Reversible? Prospective Evaluation of Patients With Breast Cancer Enrolled in a Phase 3 Randomized Controlled Trial. International Journal of Radiation Oncology Biology Physics, 2022, 113, 125-134.	0.8	9
61	Longitudinal Changes in Skeletal Muscle Metabolism, Oxygen Uptake, and Myosteatosis During Cardiotoxic Treatment for Early-Stage Breast Cancer. Oncologist, 2022, 27, e748-e754.	3.7	9
62	The State of Cardiovascular Magnetic Resonance Imaging in Canada: Results from the CanSCMR Pan-Canadian Survey. Canadian Journal of Cardiology, 2018, 34, 333-336.	1.7	7
63	Breast Cancer Patients Receiving Anthracycline Chemotherapy and Trastuzumab Have Biventricular Dysfunction and Reduced Heart Mass. Journal of the American College of Cardiology, 2018, 72, 1872-1873.	2.8	7
64	Circulating troponin and further left ventricular ejection fraction improvement in patients with previously recovered left ventricular ejection fraction. ESC Heart Failure, 2020, 7, 2725-2733.	3.1	7
65	Aerobic Fitness Is Related to Myocardial Fibrosis Postâ€“Anthracycline Therapy. Medicine and Science in Sports and Exercise, 2021, 53, 267-274.	0.4	7
66	Time-Restricted Eating to Reduce Cardiovascular Risk Among Older Breast Cancer Survivors. JACC: CardioOncology, 2022, 4, 276-278.	4.0	7
67	Routine versus selective cardiac magnetic resonance in non-ischemic heart failure â€“ OUTSMART-HF: study protocol for a randomized controlled trial (IMAGE-HF (heart failure) project 1-B). Trials, 2013, 14, 332.	1.6	5
68	The Incidence and Prevalence of Cardiac Amyloidosis in a Large Community-Based Cohort in Alberta, Canada. Journal of Cardiac Failure, 2022, 28, 237-246.	1.7	5
69	Rehabilitation Needs in Cancer Treatment-Related Cardiotoxicity. Seminars in Oncology Nursing, 2020, 36, 150986.	1.5	4
70	The Effect of Carotid Chemoreceptor Inhibition on Exercise Tolerance in Chronic Heart Failure. Frontiers in Physiology, 2020, 11, 195.	2.8	4
71	A Contemporary Review of the Effects of Exercise Training on Cardiac Structure and Function and Cardiovascular Risk Profile: Insights From Imaging. Frontiers in Cardiovascular Medicine, 2022, 9, 753652.	2.4	4
72	Aging and gender effects in native T1 and extracellular volume fraction assessment using SASHA. Journal of Cardiovascular Magnetic Resonance, 2016, 18, Q3.	3.3	3

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73	Variability of left ventricular volume and ejection fraction measurements using contrast echocardiography: The influence of the left ventricular length measurements in a large cohort of patients during monitoring cardiotoxic effects of chemotherapy. Echocardiography, 2018, 35, 322-328.	0.9	3
74	Does Cancer Affect Cardiac Function Prior to CancerÂTherapy Exposure?. Canadian Journal of Cardiology, 2018, 34, 234-235.	1.7	2
75	Drug-Induced Acute Coronary Syndrome: A New Cardiovascular Concern With Immune Checkpoint Inhibitors and the Need for a Prospective Registry. Canadian Journal of Cardiology, 2020, 36, 455-456.	1.7	2
76	Right atrial mass in a 23-year-old woman with molar pregnancy. Cmaj, 2015, 187, 350-354.	2.0	1
77	Quantification of pulmonary edema in heart failure using MRI: invasive validation and evaluation in HFpEF and HFrEF patients. Journal of Cardiovascular Magnetic Resonance, 2016, 18, O49.	3.3	1
78	Differential responses of post-exercise recovery leg blood flow and oxygen uptake kinetics in HFPEF versus HFREF. Journal of Cardiovascular Magnetic Resonance, 2016, 18, O9.	3.3	1
79	Importance of Cardiac Magnetic Resonance in a Patient With Crohnâ€™s Diseaseâ€“Associated Constrictive Pericarditis. Circulation, 2016, 133, e419-20.	1.6	0
80	Effects of age, gender, and risk-factors for heart failure on native myocardial T1 and extracellular volume fraction using the SASHA sequence at 1.5T. Journal of Magnetic Resonance Imaging, 2018, 48, spcone-spcone.	3.4	0
81	Personalized Care in the Prevention of Treatment-Related Cardiac Dysfunction in Female Cancer Survivors. Journal of Women's Health, 2019, 28, 1384-1390.	3.3	0
82	Skeletal Muscle Blood Flow, Oxygen Extraction and Consumption in Women Receiving Chemotherapy for Breast Cancer. Medicine and Science in Sports and Exercise, 2018, 50, 745.	0.4	0
83	Development and validation of a compact on-person storage device (SMHeartCard) for emergency access to acetylsalicylic acid and nitroglycerin. CMAJ Open, 2020, 8, E75-E82.	2.4	0
84	Myocardial Fibrosis Impairs Exercise Capacity By Limiting Cardiac Output Among Anthracycline-treated Women With Breast Cancer. Medicine and Science in Sports and Exercise, 2020, 52, 331-331.	0.4	0