

Christopher A Miller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5247306/publications.pdf>

Version: 2024-02-01

64
papers

1,994
citations

331670

21
h-index

254184

43
g-index

66
all docs

66
docs citations

66
times ranked

3212
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic impact of late gadolinium enhancement at the right ventricular insertion points in non-ischaemic dilated cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2023, 24, 346-353.	1.2	9
2	Cardiac involvement in cystic fibrosis evaluated using cardiopulmonary magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1121-1131.	1.5	4
3	The Diagnostic and Prognostic Utility of Contemporary Cardiac Magnetic Resonance in Suspected Acute Myocarditis. <i>Diagnostics</i> , 2022, 12, 156.	2.6	2
4	Predictors of myocardial fibrosis and response to anti-fibrotic therapy in heart failure with preserved ejection fraction. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1569-1578.	1.5	2
5	Ventricular Arrhythmias and Sudden Death in Nonischemic Dilated Cardiomyopathy: Matter of Sex or Scar?. <i>Journal of Cardiac Failure</i> , 2022, 28, 1278-1286.	1.7	1
6	Predicting hospitalisation for heart failure and death in patients with, or at risk of, heart failure before first hospitalisation: a retrospective model development and external validation study. <i>The Lancet Digital Health</i> , 2022, 4, e445-e454.	12.3	8
7	Acute and Chronic Cardiopulmonary Effects of High Dose Interleukin-2 Therapy: An Observational Magnetic Resonance Imaging Study. <i>Diagnostics</i> , 2022, 12, 1352.	2.6	0
8	Impact of Myocardial Fibrosis on Cardiovascular Structure, Function and Functional Status in Heart Failure with Preserved Ejection Fraction. <i>Journal of Cardiovascular Translational Research</i> , 2022, 15, 1436-1443.	2.4	4
9	Substrate for the Myocardial Inflammation "Heart Failure Hypothesis Identified Using Novel SPIO Methodology. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 365-376.	5.3	20
10	The utility of cardiovascular imaging in heart failure with preserved ejection fraction: diagnosis, biological classification and risk stratification. <i>Heart Failure Reviews</i> , 2021, 26, 661-678.	3.9	4
11	Myocardial involvement in eosinophilic granulomatosis with polyangiitis evaluated with cardiopulmonary magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1371-1381.	1.5	10
12	Effects of Ageing on Aortic Circulation During Atrial Fibrillation; a Numerical Study on Different Aortic Morphologies. <i>Annals of Biomedical Engineering</i> , 2021, 49, 2196-2213.	2.5	16
13	Mechanisms Underlying the Association of Chronic Obstructive Pulmonary Disease With Heart Failure. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1963-1973.	5.3	12
14	Improved Risk Stratification for Ventricular Arrhythmias and Sudden Death in Patients With Nonischemic Dilated Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2021, 77, 2890-2905.	2.8	82
15	Demographic, multi-morbidity and genetic impact on myocardial involvement and its recovery from COVID-19: protocol design of COVID-HEART "a UK, multicentre, observational study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 77.	3.3	14
16	Pirfenidone in heart failure with preserved ejection fraction: a randomized phase 2 trial. <i>Nature Medicine</i> , 2021, 27, 1477-1482.	30.7	92
17	Extracellular Volume Associates With Outcomes More Strongly Than Native or Post-Contrast Myocardial T1. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 44-54.	5.3	68
18	Detecting the Prevalent Vulnerable Phenotype of Unrecognized Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2020, 76, 958-960.	2.8	0

#	ARTICLE	IF	CITATIONS
19	Circulating Biomarkers Specific to Myocardial Extracellular Matrix Are Required to Embrace the Heterogeneity of HFpEF. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2416-2417.	2.8	0
20	Extracellular Volume and Global Longitudinal Strain Both Associate With Outcomes But Correlate Minimally. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2343-2354.	5.3	42
21	Beyond Valvular Heart Disease. <i>Journal of the American College of Cardiology</i> , 2020, 75, 317-319.	2.8	0
22	Numerical Study of Atrial Fibrillation Effects on Flow Distribution in Aortic Circulation. <i>Annals of Biomedical Engineering</i> , 2020, 48, 1291-1308.	2.5	29
23	Considerations for Clinical Trials Targeting the Myocardial Interstitium. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2319-2331.	5.3	12
24	An Ex Vivo Evaluation of Tomographic 3-D Ultrasound, B-Mode Ultrasound, CT And MR Imaging to Measure Artery Diameter, Length and Wall Volume. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2819-2829.	1.5	12
25	Pirfenidone in Heart Failure with Preserved Ejection Fraction—Rationale and Design of the PIROUETTE Trial. <i>Cardiovascular Drugs and Therapy</i> , 2019, 33, 461-470.	2.6	48
26	Association of Cardiovascular Disease With Respiratory Disease. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2166-2177.	2.8	104
27	Major Adverse Cardiovascular Events Following Simultaneous Pancreas and Kidney Transplantation in the United Kingdom. <i>Diabetes Care</i> , 2019, 42, 665-673.	8.6	16
28	The effect of 1.5T cardiac magnetic resonance on human circulating leucocytes. <i>European Heart Journal</i> , 2018, 39, 305-312.	2.2	10
29	Myocardial tissue characteristics undoubtedly differ by gender but not age. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 611-612.	1.2	3
30	Unrecognized Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1782-1784.	5.3	0
31	Letter by Lewis et al Regarding Article, "Effect of Intensive Blood Pressure Lowering on Left Ventricular Hypertrophy in Patients With Hypertension: SPRINT (Systolic Blood Pressure Intervention) Trial." <i>Over</i>		
32	Clinical applications of multi-parametric CMR in myocarditis and systemic inflammatory diseases. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 35-54.	1.5	79
33	Letter by Lewis and Miller Regarding Article, "Experimentally Increasing the Compliance of Titin Through RNA Binding Motif-20 (RBM20) Inhibition Improves Diastolic Function in a Mouse Model of Heart Failure With Preserved Ejection Fraction." <i>Circulation</i> , 2017, 135, e679-e680.	1.6	0
34	Outcome Measures in HFpEF Trials. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1358-1359.	2.8	0
35	Biological Phenotypes of Heart Failure With Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2186-2200.	2.8	159
36	Temporal Relation Between Myocardial Fibrosis and Heart Failure With Preserved Ejection Fraction. <i>JAMA Cardiology</i> , 2017, 2, 995.	6.1	164

#	ARTICLE	IF	CITATIONS
37	Cardiac Amyloidosis as a Potential Confounder in Heart Failure With Preserved Ejection Fraction Trials. <i>JACC: Heart Failure</i> , 2017, 5, 617.	4.1	6
38	Diagnosing Cardiac Allograft Vasculopathy. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 267-268.	5.3	1
39	Subjects With Extreme-Duration Type 1 Diabetes Exhibit No Structural or Functional Abnormality on Cardiac MRI. <i>Diabetes Care</i> , 2016, 39, e167-e168.	8.6	1
40	The Value of Cardiovascular Magnetic Resonance in Heart Transplant Patients. <i>Current Cardiology Reports</i> , 2015, 17, 612.	2.9	4
41	Myocardial Fibrosis Quantified by Extracellular Volume Is Associated With Subsequent Hospitalization for Heart Failure, Death, or Both Across the Spectrum of Ejection Fraction and Heart Failure Stage. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	174
42	Quantitative pixel-wise measurement of myocardial blood flow: The impact of surface coil-related field inhomogeneity and a comparison of methods for its correction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 11.	3.3	8
43	Republished: Cardiac MRI of patients with implanted electrical cardiac devices. <i>Postgraduate Medical Journal</i> , 2014, 90, 715-721.	1.8	0
44	Cardiac MRI of patients with implanted electrical cardiac devices. <i>Heart</i> , 2014, 100, 363-369.	2.9	35
45	Voxel-wise quantification of myocardial blood flow with cardiovascular magnetic resonance: effect of variations in methodology and validation with positron emission tomography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 11.	3.3	31
46	Cardiovascular magnetic resonance validation of fractional changes in annuloâ€apical angles and tricuspid annular plane systolic excursion for rapid assessment of right ventricular systolic function. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 133-139.	3.4	6
47	Multiparametric cardiovascular magnetic resonance surveillance of acute cardiac allograft rejection and characterisation of transplantation-associated myocardial injury: a pilot study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 52.	3.3	51
48	Multiparametric Cardiovascular Magnetic Resonance Assessment of Cardiac Allograft Vasculopathy. <i>Journal of the American College of Cardiology</i> , 2014, 63, 799-808.	2.8	82
49	Comprehensive Validation of Cardiovascular Magnetic Resonance Techniques for the Assessment of Myocardial Extracellular Volume. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 373-383.	2.6	324
50	Non-invasive approaches for the diagnosis of acute cardiac allograft rejection. <i>Heart</i> , 2013, 99, 445-453.	2.9	62
51	Incidental extra-cardiac findings on clinical CMR. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 158-166.	1.2	24
52	Response to Letter Regarding Article, â€Comprehensive Validation of Cardiovascular Magnetic Resonance Techniques for the Assessment of Myocardial Extracellular Volumeâ€. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, e26-7.	2.6	4
53	Quantification of left ventricular indices from SSFP cine imaging: Impact of realâ€world variability in analysis methodology and utility of geometric modeling. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 1213-1222.	3.4	49
54	Comparison of local sine wave modeling with harmonic phase analysis for the assessment of myocardial strain. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 320-328.	3.4	22

#	ARTICLE	IF	CITATIONS
55	Multiparametric Cardiovascular Magnetic Resonance Assessment of Pacemaker-Induced Alterations in Ventricular Activation and Function. <i>Circulation</i> , 2012, 126, e47-51.	1.6	4
56	Comparison of real-time three-dimensional echocardiography with cardiovascular magnetic resonance for left ventricular volumetric assessment in unselected patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 187-195.	1.2	21
57	Preimplant Transthoracic Echocardiographic Assessment of Continuous Flow Left Ventricular Assist Device. <i>Echocardiography</i> , 2012, 29, 52-58.	0.9	0
58	Comprehensive Characterization of Constrictive Pericarditis Using Multiparametric CMR. <i>JACC: Cardiovascular Imaging</i> , 2011, 4, 917-920.	5.3	9
59	Epicardial Lipomatous Hypertrophy Mimicking Pericardial Effusion. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 77-78.	2.6	7
60	Role of Noninvasive Imaging in the Diagnosis of Cardiac Allograft Vasculopathy. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 583-593.	2.6	27
61	Diagnosis of Acute Myocarditis by Cardiovascular Magnetic Resonance in a Patient With Chest Pain, Positive Troponin, and Normal Coronary Arteries. <i>Journal of the American College of Cardiology</i> , 2009, 55, 74.	2.8	0
62	An unusual case of cardiomyopathy. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2006, 67, 546-547.	0.5	0
63	Microvascular Dysfunction in Heart Failure with Preserved Ejection Fraction: Pathophysiology, Assessment, Prevalence and Prognosis. <i>Cardiac Failure Review</i> , 0, 8, .	3.0	12
64	Characteristics Associated With Growth Differentiation Factor 15 in Heart Failure With Preserved Ejection Fraction and the Impact of Pirfenidone. <i>Journal of the American Heart Association</i> , 0, , .	3.7	2