

# Allison G Hays

## List of Publications by Year in descending order

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Version: 2024-02-01

70  
papers

1,410  
citations

331259

21  
h-index

377514

34  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Takotsubo Syndrome in the Setting of COVID-19. <i>JACC: Case Reports</i> , 2020, 2, 1321-1325.	0.3	122
2	Noninvasive Visualization of Coronary Artery Endothelial Function in Healthy Subjects and in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2010, 56, 1657-1665.	1.2	109
3	Myocardial Injury in Severe COVID-19 Compared With Non-“COVID-19 Acute Respiratory Distress Syndrome. <i>Circulation</i> , 2021, 143, 553-565.	1.6	102
4	Cardiovascular Magnetic Resonance for Patients With COVID-19. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 685-699.	2.3	79
5	Eosinophil-derived IL-4 drives progression of myocarditis to inflammatory dilated cardiomyopathy. <i>Journal of Experimental Medicine</i> , 2017, 214, 943-957.	4.2	76
6	Regional Coronary Endothelial Function Is Closely Related to Local Early Coronary Atherosclerosis in Patients With Mild Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 341-348.	1.3	51
7	Racial Disparities in Cardiovascular Complications With Pregnancy-Induced Hypertension in the United States. <i>Hypertension</i> , 2021, 78, 480-488.	1.3	50
8	Evolocumab, a PCSK9 Monoclonal Antibody, Rapidly Reverses Coronary Artery Endothelial Dysfunction in People Living With HIV and People With Dyslipidemia. <i>Journal of the American Heart Association</i> , 2020, 9, e016263.	1.6	44
9	Coronary Endothelial Dysfunction Is Associated With Elevated Serum PCSK9 Levels in People With HIV Independent of Low-Density Lipoprotein Cholesterol. <i>Journal of the American Heart Association</i> , 2018, 7, e009996.	1.6	40
10	Endothelial thrombomodulin downregulation caused by hypoxia contributes to severe infiltration and coagulopathy in COVID-19 patient lungs. <i>EBioMedicine</i> , 2022, 75, 103812.	2.7	39
11	Coronary vasomotor responses to isometric handgrip exercise are primarily mediated by nitric oxide: a noninvasive MRI test of coronary endothelial function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1343-H1350.	1.5	38
12	Endogenous Sex Hormones and Endothelial Function in Postmenopausal Women and Men: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Women's Health</i> , 2019, 28, 900-909.	1.5	37
13	Coronary artery endothelial dysfunction is present in HIV-positive individuals without significant coronary artery disease. <i>Aids</i> , 2017, 31, 1281-1289.	1.0	32
14	Non-Invasive Detection of Coronary Endothelial Response to Sequential Handgrip Exercise in Coronary Artery Disease Patients and Healthy Adults. <i>PLoS ONE</i> , 2013, 8, e58047.	1.1	27
15	Myocardial Work Efficiency, A Novel Measure of Myocardial Dysfunction, Is Reduced in COVID-19 Patients and Associated With In-Hospital Mortality. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 667721.	1.1	26
16	Nativity-Related Disparities in Preeclampsia and Cardiovascular Disease Risk Among a Racially Diverse Cohort of US Women. <i>JAMA Network Open</i> , 2021, 4, e2139564.	2.8	26
17	Simultaneous Noninvasive Assessment of Systemic and Coronary Endothelial Function. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e003954.	1.3	25
18	The Association of Adverse Pregnancy Outcomes and Cardiovascular Disease: Current Knowledge and Future Directions. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2020, 22, 1.	0.4	25

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19	A comparative analysis of premature heart disease- and cancer-related mortality in women in the USA, 1999–2018. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2022, 8, 315-323.	1.8	25
20	Right Ventricular Strain Predicts Structural Disease Progression in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2020, 9, e015016.	1.6	24
21	Regional coronary endothelial dysfunction is related to the degree of local epicardial fat in people with HIV. <i>Atherosclerosis</i> , 2018, 278, 7-14.	0.4	22
22	Prominent Longitudinal Strain Reduction of Basal Left Ventricular Segments in Patients With Coronavirus Disease-19. <i>Journal of Cardiac Failure</i> , 2021, 27, 100-104.	0.7	22
23	Visceral adiposity, muscle composition, and exercise tolerance in heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 2535-2545.	1.4	21
24	Coronary endothelial function is better in healthy premenopausal women than in healthy older postmenopausal women and men. <i>PLoS ONE</i> , 2017, 12, e0186448.	1.1	21
25	Role of Multimodality Imaging in the Assessment of Myocardial Infarction With Nonobstructive Coronary Arteries: Beyond Conventional Coronary Angiography. <i>Journal of the American Heart Association</i> , 2022, 11, e022787.	1.6	19
26	Local coronary wall eccentricity and endothelial function are closely related in patients with atherosclerotic coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 51.	1.6	18
27	Defining the Role of Point-of-Care Ultrasound in Cardiovascular Disease. <i>American Journal of Cardiology</i> , 2018, 122, 1443-1450.	0.7	17
28	Multimodality Imaging in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2022, 15, CIRCIMAGING121013725.	1.3	17
29	Multimodality Imaging for Cardiac Evaluation in Patients with COVID-19. <i>Current Cardiology Reports</i> , 2021, 23, 44.	1.3	16
30	Sex-Specific Plaque Signature: Uniqueness of Atherosclerosis in Women. <i>Current Cardiology Reports</i> , 2021, 23, 84.	1.3	16
31	Acute Hemodynamic Effects and Tolerability of Phosphodiesterase-1 Inhibition With ITI-214 in Human Systolic Heart Failure. <i>Circulation: Heart Failure</i> , 2021, 14, e008236.	1.6	15
32	Clinical Applications for Cardiovascular Magnetic Resonance Imaging at 3 Tesla. <i>Current Cardiology Reviews</i> , 2009, 5, 237-242.	0.6	13
33	The influence of febraxostat on coronary artery endothelial dysfunction in patients with coronary artery disease: A phase 4 randomized, placebo-controlled, double-blind, crossover trial. <i>American Heart Journal</i> , 2018, 197, 85-93.	1.2	13
34	Society for Cardiovascular Magnetic Resonance (SCMR) guidance for re-activation of cardiovascular magnetic resonance practice after peak phase of the COVID-19 pandemic. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 58.	1.6	13
35	Self-gated golden angle spiral cine MRI for coronary endothelial function assessment. <i>Magnetic Resonance in Medicine</i> , 2018, 80, 560-570.	1.9	12
36	Left Atrial Function in Patients with Coronavirus Disease 2019 and Its Association with Incident Atrial Fibrillation/Flutter. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 1106-1109.	1.2	11

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37	A randomized, placebo-controlled, double-blinded clinical trial of colchicine to improve vascular health in people living with HIV. <i>Aids</i> , 2021, 35, 1041-1050.	1.0	10
38	A Systematic Review and Meta-Analysis of the Association Between Polycystic Ovary Syndrome and Coronary Artery Calcification. <i>Journal of Women's Health</i> , 2022, 31, 762-771.	1.5	10
39	HIV and Global Cardiovascular Health. <i>Current Cardiology Reports</i> , 2022, 24, 1149-1157.	1.3	10
40	The role of sex and inflammation in cardiovascular outcomes and mortality in COVID-19. <i>International Journal of Cardiology</i> , 2021, 337, 127-131.	0.8	9
41	Imaging Assessment of Endothelial Function: An Index of Cardiovascular Health. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 778762.	1.1	9
42	Can We Reduce Premature Mortality Associated With Hypertensive Disorders of Pregnancy?. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1313-1316.	1.2	8
43	Trends in Characteristics and Outcomes of Peripartum Cardiomyopathy Hospitalizations in the United States Between 2004 and 2018. <i>American Journal of Cardiology</i> , 2022, 168, 142-150.	0.7	8
44	Precision and accuracy of cross-sectional area measurements used to measure coronary endothelial function with spiral MRI. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 291-302.	1.9	7
45	Improving risk prediction for pulmonary embolism in COVID-19 patients using echocardiography. <i>Pulmonary Circulation</i> , 2022, 12, e12036.	0.8	7
46	A Clinical Approach to Multimodality Imaging in Pulmonary Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 794706.	1.1	6
47	Multimodality Imaging in the Evaluation and Prognostication of Cardiac Amyloidosis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 787618.	1.1	6
48	Cardiovascular and Obstetric Delivery Complications in Pregnant Women With Valvular Heart Disease. <i>American Journal of Cardiology</i> , 2021, 158, 90-97.	0.7	5
49	Current State and Future Directions of Multimodality Imaging in Cardiac Sarcoidosis. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 785279.	1.1	5
50	Coronary Endothelial Dysfunction in People Living With HIV Is Related to Body Fat Distribution. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2022, 90, 201-207.	0.9	5
51	Racial Differences in Delivery Outcomes Among Women With Peripartum Cardiomyopathy. <i>CJC Open</i> , 2022, 4, 373-377.	0.7	5
52	Prevalence and Clinical Correlates of Echo-Estimated Right and Left Heart Filling Pressures in Hospitalized Patients With Coronavirus Disease 2019. <i>Journal of Intensive Care Medicine</i> , 2020, 2, e0227.		4
53	Phase contrast coronary blood velocity mapping with both high temporal and spatial resolution using triggered Golden Angle rotated Spiral Sparse Parallel imaging (GASSP) with shifted binning. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 1929-1943.	1.9	4
54	Cardiovascular Imaging in Stress Cardiomyopathy (Takotsubo Syndrome). <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 799031.	1.1	4

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55	Nativity-Related Disparities in Preterm Birth and Cardiovascular Risk in a Multiracial U.S. Cohort. American Journal of Preventive Medicine, 2022, 62, 885-894.	1.6	4
56	Effect of Corticosteroids on Left Ventricular Function in Patients With Cardiac Sarcoidosis. American Journal of Cardiology, 2022, 177, 108-115.	0.7	4
57	Randomized Trial of Anti-inflammatory Medications and Coronary Endothelial Dysfunction in Patients With Stable Coronary Disease. Frontiers in Cardiovascular Medicine, 2021, 8, 728654.	1.1	3
58	Multimodality Evaluation of Aortic Insufficiency and Aortitis in Rheumatologic Diseases. Frontiers in Cardiovascular Medicine, 2022, 9, 874242.	1.1	3
59	Real-Time Prediction of Mortality, Cardiac Arrest, and Thromboembolic Complications in Hospitalized Patients With COVID-19. , 2022, 1, 100043.		3
60	The Role of Biomarkers and Imaging to Predict Preeclampsia and Subsequent Cardiovascular Dysfunction. Current Treatment Options in Cardiovascular Medicine, 2021, 23, 1.	0.4	2
61	Abstract 15455: Prevalence of Subclinical Myocardial Dysfunction in Hospitalized Patients With Covid-19 and Association With In-hospital Mortality. Circulation, 2020, 142, .	1.6	2
62	Effect of HIV Serostatus on ICU Admission and Mortality Among Hospitalized Patients With Coronavirus Disease 2019 (COVID-19). Journal of Acquired Immune Deficiency Syndromes (1999), 2022, 90, e13-e16.	0.9	2
63	Prevention Starts in the Womb: Opportunities for Addressing Cardiovascular Risk Factors During Pregnancy and Beyond. Methodist DeBakey Cardiovascular Journal, 2021, 17, 48-59.	0.5	1
64	The Role of Multimodality Imaging in HIV-Associated Cardiomyopathy. Frontiers in Cardiovascular Medicine, 2021, 8, 811593.	1.1	1
65	Measuring coronary arterial compliance and vasomotor response noninvasively in clinical and research settings. , 2021, , 131-148.		0
66	Editorial for "Diagnostic Accuracy of Spiral Whole-Heart Quantitative Adenosine Stress Cardiac Magnetic Resonance With Motion Compensated L1-SPIRIT". Journal of Magnetic Resonance Imaging, 2021, 54, 1280-1281.	1.9	0
67	The Johns Hopkins Ciccarone Center's expanded "ABC's" approach to highlight 2020 updates in cardiovascular disease prevention. American Journal of Preventive Cardiology, 2021, 6, 100181.	1.3	0
68	Natriuretic Peptide Levels and Clinical Outcomes Among Patients Hospitalized With Coronavirus Disease 2019 Infection. , 2021, 3, e0498.		0
69	Volumetric coronary endothelial function assessment: a feasibility study exploiting stack-of-stars 3D cine MRI and image-based respiratory self-gating. NMR in Biomedicine, 2021, 34, e4589.	1.6	0
70	Is Vasospastic Coronary Disease More Common Than We Realize?. JACC: Case Reports, 2022, 4, 298-300.	0.3	0