

# Colby Ayers

## List of Publications by Year in descending order

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Version: 2024-02-01

74  
papers

3,341  
citations

159585

30  
h-index

149698

56  
g-index

74  
all docs

74  
docs citations

74  
times ranked

6494  
citing authors

#	ARTICLE	IF	CITATIONS
1	10-Year Coronary Heart Disease Risk Prediction Using Coronary Artery Calcium and Traditional Risk Factors. <i>Journal of the American College of Cardiology</i> , 2015, 66, 1643-1653.	2.8	490
2	Association of Body Mass Index and Age With Morbidity and Mortality in Patients Hospitalized With COVID-19. <i>Circulation</i> , 2021, 143, 135-144.	1.6	230
3	Dose-Response Relationship Between Physical Activity and Risk of Heart Failure. <i>Circulation</i> , 2015, 132, 1786-1794.	1.6	223
4	Continuous Dose-Response Association Between Sedentary Time and Risk for Cardiovascular Disease. <i>JAMA Cardiology</i> , 2016, 1, 575.	6.1	175
5	Target Organ Complications and Cardiovascular Events Associated With Masked Hypertension and White-Coat Hypertension. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2159-2169.	2.8	173
6	Phenomapping of patients with heart failure with preserved ejection fraction using machine learning-based unsupervised cluster analysis. <i>European Journal of Heart Failure</i> , 2020, 22, 148-158.	7.1	169
7	Therapeutic Drug Monitoring Facilitates Blood Pressure Control in Resistant Hypertension. <i>Journal of the American College of Cardiology</i> , 2014, 63, 834-835.	2.8	148
8	Prevalence and Prognostic Implications of Coronary Artery Calcification in Low-Risk Women. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 2126.	7.4	107
9	Circulating Monocyte Chemoattractant Protein-1 and Risk of Stroke. <i>Circulation Research</i> , 2019, 125, 773-782.	4.5	78
10	Comparison of Morisky Medication Adherence Scale with therapeutic drug monitoring in apparent treatment-resistant hypertension. <i>Journal of the American Society of Hypertension</i> , 2015, 9, 420-426.e2.	2.3	74
11	Neighborhood-level socioeconomic deprivation predicts weight gain in a multi-ethnic population: Longitudinal data from the Dallas Heart Study. <i>Preventive Medicine</i> , 2014, 66, 22-27.	3.4	70
12	Restoration of Pulsatile Flow Reduces Sympathetic Nerve Activity Among Individuals With Continuous-Flow Left Ventricular Assist Devices. <i>Circulation</i> , 2015, 132, 2316-2322.	1.6	70
13	A System of Care for Patients With ST-Segment Elevation Myocardial Infarction in India. <i>JAMA Cardiology</i> , 2017, 2, 498.	6.1	67
14	HDL efflux capacity, HDL particle size, and high-risk carotid atherosclerosis in a cohort of asymptomatic older adults: the Chicago Healthy Aging Study. <i>Journal of Lipid Research</i> , 2017, 58, 600-606.	4.2	65
15	Development and Validation of Machine Learning-Based Race-Specific Models to Predict 10-Year Risk of Heart Failure: A Multicohort Analysis. <i>Circulation</i> , 2021, 143, 2370-2383.	1.6	56
16	Association of a 4-Tiered Classification of LV Hypertrophy With Adverse CV Outcomes in the General Population. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1034-1041.	5.3	53
17	Incorporation of Biomarkers Into Risk Assessment for Allocation of Antihypertensive Medication According to the 2017 ACC/AHA High Blood Pressure Guideline. <i>Circulation</i> , 2019, 140, 2076-2088.	1.6	49
18	Change in Neighborhood Socioeconomic Status and Weight Gain. <i>American Journal of Preventive Medicine</i> , 2015, 49, 72-79.	3.0	48

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19	Fitness in Young Adulthood and Long-Term Cardiac Structure and Function. <i>JACC: Heart Failure</i> , 2017, 5, 347-355.	4.1	47
20	Ethnic Difference in Proximal Aortic Stiffness. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 54-61.	5.3	45
21	Role of Hospital Volumes in Identifying Low-Performing and High-Performing Aortic and Mitral Valve Surgical Centers in the United States. <i>JAMA Cardiology</i> , 2017, 2, 1322.	6.1	44
22	Association of the New Peer Groupâ€“Stratified Method With the Reclassification of Penalty Status in the Hospital Readmission Reduction Program. <i>JAMA Network Open</i> , 2019, 2, e192987.	5.9	42
23	New-Onset Atrial Fibrillation in Patients Hospitalized With COVID-19: Results From the American Heart Association COVID-19 Cardiovascular Registry. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2022, 15, 101161CIRCEP121010666.	4.8	42
24	Regional Fat Distribution and Blood Pressure Level and Variability. <i>Hypertension</i> , 2016, 68, 576-583.	2.7	41
25	Association between neighborhood-level socioeconomic deprivation and incident hypertension: A longitudinal analysis of data from the Dallas heart study. <i>American Heart Journal</i> , 2018, 204, 109-118.	2.7	41
26	Impact of Chronic Total Occlusions and Coronary Revascularization on All-Cause Mortality and the Incidence of Ventricular Arrhythmias in Patients With Ischemic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2015, 116, 1358-1362.	1.6	39
27	Association of Cardiac Injury and Malignant Left Ventricular Hypertrophy With Risk of Heart Failure in African Americans. <i>JAMA Cardiology</i> , 2019, 4, 51.	6.1	38
28	High-Phosphate Diet Induces Exercise Intolerance and Impairs Fatty Acid Metabolism in Mice. <i>Circulation</i> , 2019, 139, 1422-1434.	1.6	36
29	Intraosseous versus intravenous access in patients with out-of-hospital cardiac arrest: Insights from the resuscitation outcomes consortium continuous chest compression trial. <i>Resuscitation</i> , 2019, 134, 69-75.	3.0	36
30	Association of Circulating Monocyte Chemoattractant Proteinâ€“1 Levels With Cardiovascular Mortality. <i>JAMA Cardiology</i> , 2021, 6, 587.	6.1	35
31	Prognostic Significance of High-Sensitivity Cardiac Troponin T Concentrations between the Limit of Blank and Limit of Detection in Community-Dwelling Adults: A Metaanalysis. <i>Clinical Chemistry</i> , 2015, 61, 1524-1531.	3.2	34
32	Association of Galectin-3 With Diabetes Mellitus in the Dallas Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4449-4458.	3.6	33
33	Influence of race/ethnicity on cardiovascular risk factors in polycystic ovary syndrome, the Dallas Heart Study. <i>Clinical Endocrinology</i> , 2016, 85, 92-99.	2.4	31
34	Hemodynamic and Mechanical Properties of the Proximal Aorta in Young and Middle-Aged Adults With Isolated Systolic Hypertension. <i>Hypertension</i> , 2017, 70, 158-165.	2.7	30
35	Association of Concentric Left Ventricular Hypertrophy With Subsequent Change in Left Ventricular End-Diastolic Volume. <i>Circulation: Heart Failure</i> , 2017, 10, .	3.9	26
36	Adiponectin protects against incident hypertension independent of body fat distribution: observations from the Dallas Heart Study. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2840.	4.0	26

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37	The relationship between neighborhood socioeconomic deprivation and telomere length: The 1999–2002 National Health and Nutrition Examination Survey. <i>SSM - Population Health</i> , 2020, 10, 100517.	2.7	25
38	Association of liver fibrosis risk scores with clinical outcomes in patients with heart failure with preserved ejection fraction: findings from TOPCAT. <i>ESC Heart Failure</i> , 2021, 8, 842-848.	3.1	24
39	Determinants of Racial/Ethnic Differences in Cardiorespiratory Fitness (from the Dallas Heart Study). <i>American Journal of Cardiology</i> , 2016, 118, 499-503.	1.6	21
40	Effect of Doxorubicin on Myocardial Bicarbonate Production From Pyruvate Dehydrogenase in Women With Breast Cancer. <i>Circulation Research</i> , 2020, 127, 1568-1570.	4.5	21
41	Diagnostic Thresholds for Blood Pressure Measured at Home in the Context of the 2017 Hypertension Guideline. <i>Hypertension</i> , 2018, 72, 1312-1319.	2.7	16
42	Do neighborhoods matter differently for movers and non-movers? Analysis of weight gain in the longitudinal dallas heart study. <i>Health and Place</i> , 2017, 44, 52-60.	3.3	15
43	Lipoprotein (a) and aortic valve calcium in South Asians compared to other race/ethnic groups. <i>Atherosclerosis</i> , 2020, 313, 14-19.	0.8	15
44	Unfavorable perceived neighborhood environment associates with less routine healthcare utilization: Data from the Dallas Heart Study. <i>PLoS ONE</i> , 2020, 15, e0230041.	2.5	15
45	Association of African Ancestry With Electrocardiographic Voltage and Concentric Left Ventricular Hypertrophy. <i>JAMA Cardiology</i> , 2018, 3, 1167.	6.1	14
46	Metabolic characteristics of human hearts preserved for 12 hours by static storage, antegrade perfusion, or retrograde coronary sinus perfusion. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 2310-2315.e1.	0.8	13
47	Identifying a low-flow phenotype in heart failure with preserved ejection fraction: a secondary analysis of the RELAX trial. <i>ESC Heart Failure</i> , 2019, 6, 613-620.	3.1	13
48	Chronic Stress-Related Neural Activity Associates With Subclinical Cardiovascular Disease in a Community-Based Cohort: Data From the Washington, D.C. Cardiovascular Health and Needs Assessment. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 599341.	2.4	12
49	Association of sex and height with a lower ankle brachial index in the general population. <i>Vascular Medicine</i> , 2018, 23, 534-540.	1.5	11
50	CAC for Risk Stratification Among Individuals With Hypertriglyceridemia Free of Clinical Atherosclerotic Cardiovascular Disease. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 641-651.	5.3	11
51	Plasma Leptin Levels and Risk of Incident Cancer: Results from the Dallas Heart Study. <i>PLoS ONE</i> , 2016, 11, e0162845.	2.5	10
52	Examining relationships between perceptions and objective assessments of neighborhood environment and sedentary time: Data from the Washington, D.C. Cardiovascular Health and Needs Assessment. <i>Preventive Medicine Reports</i> , 2018, 9, 42-48.	1.8	10
53	Physical Activity, Subclinical Myocardial Injury, and Risk of Heart Failure Subtypes in Black Adults. <i>JACC: Heart Failure</i> , 2021, 9, 484-493.	4.1	10
54	An Analysis of Individual Body Fat Depots and Risk of Developing Cancer. <i>Mayo Clinic Proceedings</i> , 2017, 92, 536-543.	3.0	9

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55	Sedentary Behavior and Subclinical Cardiac Injury. <i>Circulation</i> , 2017, 136, 1451-1453.	1.6	9
56	Sex differences in cardiac function, biomarkers and exercise performance in heart failure with preserved ejection fraction: findings from the RELAX trial. <i>European Journal of Heart Failure</i> , 2019, 21, 1476-1479.	7.1	9
57	Assessment of aortic stiffness in patients with ankylosing spondylitis using cardiovascular magnetic resonance. <i>Clinical Rheumatology</i> , 2018, 37, 2151-2159.	2.2	7
58	A Prospective Analysis of Plasma Adiponectin and Risk of Incident Cancer: The Dallas Heart Study. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2015, 13, 873-878.	4.9	7
59	Premature Clopidogrel Discontinuation After Drug-Eluting Stent Placement in a Large Urban Safety-Net Hospital. <i>American Journal of Cardiology</i> , 2016, 117, 522-525.	1.6	6
60	Regional adiposity, cardiorespiratory fitness, and left ventricular strain: an analysis from the Dallas Heart Study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 78.	3.3	6
61	Hisâ€Bundle Pacing for Identifying Optimal Ablation Sites in Patients Undergoing Atrioventricular Junction Ablation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 242-246.	1.2	5
62	Pharmacoinvasive Approach with Streptokinase in Low to Intermediate Risk ST-Elevation Myocardial Infarction Patients: Insights from the Tamil Nadu-STEMI Initiative. <i>American Journal of Cardiovascular Drugs</i> , 2019, 19, 517-519.	2.2	5
63	Temporal association between hospitalization event and subsequent risk of mortality among patients with stable chronic heart failure with preserved ejection fraction: insights from the TOPCAT trial. <i>European Journal of Heart Failure</i> , 2019, 21, 693-695.	7.1	3
64	Longitudinal trajectories of hospital performance across targeted cardiovascular conditions in the USA. <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , 2020, 6, 62-71.	4.0	3
65	Longitudinal Trajectories and Factors Associated With US County-Level Cardiovascular Mortality, 1980 to 2014. <i>JAMA Network Open</i> , 2021, 4, e2136022.	5.9	3
66	The association of lymphotoxin-beta receptor with the subsequent diagnosis of incident gastrointestinal cancer: results from the Dallas Heart Study. <i>Journal of Gastrointestinal Oncology</i> , 2020, 11, 36-44.	1.4	1
67	525. Atovaquone for Treatment of COVID-19 (Ataq COVID-19) Trial. <i>Open Forum Infectious Diseases</i> , 2021, 8, S363-S364.	0.9	1
68	347. Hepatic Steatosis in People Living with HIV: Effect of Sex and Race/Ethnicity. <i>Open Forum Infectious Diseases</i> , 2019, 6, S184-S184.	0.9	0
69	A Video-Enhanced, Electronic Modality for Preparticipation Examination of Young Athletes. <i>Current Sports Medicine Reports</i> , 2021, 20, 485-488.	1.2	0
70	Plasma adiponectin to predict incident cancer in a large multiethnic population-based cohort study.. <i>Journal of Clinical Oncology</i> , 2013, 31, 1560-1560.	1.6	0
71	Association of adiponectin in patatin-like phospholipase domain-containing 3 (PNPLA3) associated hepatic steatosis.. <i>Journal of Clinical Oncology</i> , 2014, 32, 184-184.	1.6	0
72	Abstract 273: HDL Particle Concentration Inversely Associates with Incident Metabolic Syndrome in the Multiethnic Dallas Heart Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	2.4	0

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73	A prospective analysis of individual body fat depots and risk of developing cancer: Insights from the Dallas heart study.. Journal of Clinical Oncology, 2016, 34, 1516-1516.	1.6	0
74	Relations Between Cardiac Magnetic Resonance Imaging-Derived Left Ventricular Mass, Early Repolarization, and Cardiovascular Events (from the Dallas Heart Study). American Journal of Cardiology, 2021, 161, 108-114.	1.6	0