Jamal S Rana

List of Publications by Year
in descending order

105 papers	4,056 citations	147566 31 h-index	123241 61 g-index
106 all docs	106 docs citations	106 times ranked	6554 citing authors

#	Article	IF	Citations
1	Moderate-to-vigorous intensity physical activity from young adulthood to middle age and metabolic disease: a 30-year population-based cohort study. British Journal of Sports Medicine, 2022, 56, 847-853.	3.1	12
2	Differential Cardiometabolic Risk Factor Clustering Across U.S. Asian Ethnic Groups. American Journal of Preventive Medicine, 2022, 62, e129-e131.	1.6	4
3	Smoking and Risk of Premature Atherosclerotic Cardiovascular Disease. American Journal of Preventive Medicine, 2022, 62, 466-468.	1.6	5
4	Association of Low-Density Lipoprotein Testing After an Atherosclerotic Cardiovascular Event with Subsequent Statin Adherence and Intensification. American Journal of Medicine, 2022, 135, 603-606.	0.6	11
5	Simple Nutrient-Based Rules vs. a Nutritionally Rich Plant-Centered Diet in Prediction of Future Coronary Heart Disease and Stroke: Prospective Observational Study in the US. Nutrients, 2022, 14, 469.	1.7	8
6	Risk of Cardiometabolic Risk Factors in Women With and Without a History of Breast Cancer: The Pathways Heart Study. Journal of Clinical Oncology, 2022, 40, 1635-1646.	0.8	27
7	Highlights of Cardiovascular Disease Studies Presented at the 2021 American Heart Association Scientific Sessions. Current Atherosclerosis Reports, 2022, 24, 61.	2.0	6
8	CAC for Risk Stratification Among Individuals With Hypertriglyceridemia Free of Clinical Atherosclerotic Cardiovascular Disease. JACC: Cardiovascular Imaging, 2022, 15, 641-651.	2.3	11
9	Impact of Asleep and 24-Hour Blood Pressure Data on the Prevalence of Masked Hypertension by Race/Ethnicity. American Journal of Hypertension, 2022, 35, 627-637.	1.0	4
10	The Coronary Artery Risk Development in Young Adults (CARDIA) Study. American Journal of Medicine, 2022, 135, 871-878.e14.	0.6	1
11	Real-world management and outcomes of 7 million patients with acute coronary syndrome according to clinical research trial enrolment status: a propensity matched analysis. European Heart Journal Quality of Care & Clinical Outcomes, 2022, 8, 409-419.	1.8	3
12	Risk adjusted 30â€day mortality and serious adverse event rates among a large, multiâ€center cohort of emergency department patients with acute heart failure. Journal of the American College of Emergency Physicians Open, 2022, 3, .	0.4	2
13	Changes in Mortality in Top 10 Causes of Death from 2011 to 2018. Journal of General Internal Medicine, 2021, 36, 2517-2518.	1.3	84
14	Association between marijuana use and electrocardiographic abnormalities by middle age: the Coronary Artery Risk Development in Young Adults (CARDIA) study. Addiction, 2021, 116, 583-595.	1.7	5
15	The Reply. American Journal of Medicine, 2021, 134, e69.	0.6	0
16	Severe Hypoglycemia and Risk of Atherosclerotic Cardiovascular Disease in Patients With Diabetes. Diabetes Care, 2021, 44, e40-e41.	4.3	9
17	Contemporary Reevaluation of Race and Ethnicity With Outcomes in Heart Failure. Journal of the American Heart Association, 2021, 10, e016601.	1.6	19
18	Gestational Diabetes History and Glucose Tolerance After Pregnancy Associated With Coronary Artery Calcium in Women During Midlife. Circulation, 2021, 143, 974-987.	1.6	49

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19	Which Predicts Incident Cardiovascular Disease Better: A Plant-Centered Diet or a Low-Saturated Fat Diet? The Coronary Artery Risk Development in Young Adults (CARDIA) Study. Current Developments in Nutrition, 2021, 5, 1019.	0.1	0
20	Physical Activity and Hypertension From Young Adulthood to Middle Age. American Journal of Preventive Medicine, 2021, 60, 757-765.	1.6	12
21	Cumulative Marijuana Use and Carotid Intima-Media Thickness at Middle Age: The CARDIA Study. American Journal of Medicine, 2021, 134, 777-787.e9.	0.6	7
22	Epidemiology and risk factors for stroke in young individuals: implications for prevention. Current Opinion in Cardiology, 2021, 36, 565-571.	0.8	10
23	Changes in Patterns of Hospital Visits for Acute Myocardial Infarction or Ischemic Stroke During COVID-19 Surges. JAMA - Journal of the American Medical Association, 2021, 326, 82.	3.8	37
24	Plantâ€Centered Diet and Risk of Incident Cardiovascular Disease During Young to Middle Adulthood. Journal of the American Heart Association, 2021, 10, e020718.	1.6	18
25	Risk of Cardiovascular Events in Patients With Type 2 Diabetes and Metabolic Dyslipidemia Without Prevalent Atherosclerotic Cardiovascular Disease. American Journal of Medicine, 2020, 133, 200-206.	0.6	6
26	Sex differences in cardiovascular risk factors before and after the development of type 2 diabetes and risk for incident cardiovascular disease. Diabetes Research and Clinical Practice, 2020, 166, 108334.	1.1	12
27	Medical Marijuana, Recreational Cannabis, and Cardiovascular Health: A Scientific Statement From the American Heart Association. Circulation, 2020, 142, e131-e152.	1.6	115
28	A Shift Toward a Plant-Centered Diet From Young to Middle Adulthood and Subsequent Risk of Type 2 Diabetes and Weight Gain: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. Diabetes Care, 2020, 43, 2796-2803.	4.3	25
29	Letter by Nwabuo and Rana Regarding Article, â€œIncreased Myocardial Stiffness in Patients With High-Risk Left Ventricular Hypertrophy: The Hallmark of Stage-B Heart Failure With Preserved Ejection Fractionâ€. Circulation, 2020, 141, e817-e818.	1.6	0
30	Cumulative Adherence to Secondary Prevention Guidelines and Mortality After Acute Myocardial Infarction. Journal of the American Heart Association, 2020, 9, e014415.	1.6	32
31	Long-Term Blood Pressure Variability in Young Adulthood and Coronary Artery Calcium and Carotid Intima-Media Thickness in Midlife. Hypertension, 2020, 76, 404-409.	1.3	19
32	Temporal Changes in Resting Heart Rate, Left Ventricular Dysfunction, Heart Failure and Cardiovascular Disease: CARDIA Study. American Journal of Medicine, 2020, 133, 946-953.	0.6	10
33	Associations of Blood Pressure andÂCholesterol Levels During YoungÂAdulthood With LaterÂCardiovascular Events. Journal of the American College of Cardiology, 2019, 74, 330-341.	1.2	154
34	Association Between Aging of the US Population and Heart Disease Mortality From 2011 to 2017. JAMA Cardiology, 2019, 4, 1280.	3.0	101
35	Utility of novel serum biomarkers to predict subclinical atherosclerosis: A sub-analysis of the EISNER study. Atherosclerosis, 2019, 282, 80-84.	0.4	10
36	Racial and sex differences in biological and chronological heart age in the Coronary Artery Risk Development in Young Adults study. Annals of Epidemiology, 2019, 33, 24-29.	0.9	5

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37	Comparative Trends in Heart Disease, Stroke, and All-Cause Mortality in the United States and a Large Integrated Healthcare Delivery System. American Journal of Medicine, 2018, 131, 829-836.e1.	0.6	32
38	Persistent socioeconomic disparities in cardiovascular risk factors and health in the United States: Medical Expenditure Panel Survey 2002â€"2013. Atherosclerosis, 2018, 269, 301-305.	0.4	27
39	Duration of Diabetes and Prediabetes During Adulthood and Subclinical Atherosclerosis and Cardiac Dysfunction in Middle Age: The CARDIA Study. Diabetes Care, 2018, 41, 731-738.	4.3	66
40	Favorable Modifiable Cardiovascular Risk Profile Is Associated With Lower Healthcare Costs Among Cancer Patients: The 2012â€"2013 Medical Expenditure Panel Survey. Journal of the American Heart Association, 2018, 7, .	1.6	11
41	Improved Cardiovascular Risk Factors Control Associated with a Large-Scale Population Management Program Among Diabetes Patients. American Journal of Medicine, 2018, 131, 661-668.	0.6	11
42	Lifetime marijuana use and subclinical atherosclerosis: the Coronary Artery Risk Development in Young Adults (CARDIA) study. Addiction, 2018, 113, 845-856.	1.7	31
43	Is diabetes mellitus equivalent to atherosclerotic cardiovascular disease from a healthcare cost perspective? Insights from the Medical Expenditure Panel Survey: 2010â€"2013. Cardiovascular Endocrinology and Metabolism, 2018, 7, 64-67.	0.5	3
44	Diabetic Dyslipidemia: Epidemiology and Prevention of Cardiovascular Disease and Implications of Newer Therapies. Current Cardiology Reports, 2018, 20, 125.	1.3	15
45	Risk of Cardiovascular Disease Among YoungÂAdults. Journal of the American College of Cardiology, 2018, 72, 1559-1560.	1.2	3
46	Reis et al. Respond. American Journal of Public Health, 2018, 108, e12-e12.	1.5	2
47	National Trends in Nonstatin Use and Expenditures Among the US Adult Population From 2002 to 2013: Insights From Medical Expenditure PanelÂSurvey. Journal of the American Heart Association, 2018, 7, .	1.6	21
48	Life's Simple 7 and the risk of atrial fibrillation: The Multi-Ethnic Study of Atherosclerosis. Atherosclerosis, 2018, 275, 174-181.	0.4	48
49	Adherence to Cardio-protective Medications Prescribed for Secondary Prevention after an Acute Coronary Syndrome Hospitalization Compared to Usual Care. Journal of General Internal Medicine, 2018, 33, 1621-1622.	1.3	3
50	Risk of Incident Atherosclerotic Cardiovascular DiseaseEvents by Achieved Atherogenic Lipid Levels Among62,428 Statin-Treated Individuals With Diabetes Mellitus. American Journal of Cardiology, 2018, 122, 762-767.	0.7	5
51	Cumulative Lifetime Marijuana Use and Incident Cardiovascular Disease in Middle Age: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. American Journal of Public Health, 2017, 107, 601-606.	1.5	81
52	Favorable cardiovascular risk factor profile is associated with lower healthcare expenditure and resource utilization among adults with diabetes mellitus free of established cardiovascular disease: 2012 Medical Expenditure Panel Survey (MEPS). Atherosclerosis, 2017, 258, 79-83.	0.4	11
53	Fitness in Young Adulthood and Long-Term Cardiac Structure and Function. JACC: Heart Failure, 2017, 5, 347-355.	1.9	47
54	A pilot study to assess the utility of five established variables to standardize exercise treadmill test reporting. International Journal of Cardiology, 2017, 231, 271-276.	0.8	0

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55	Association Between Modifiable Risk Factors and Pharmaceutical Expenditures Among Adults With Atherosclerotic Cardiovascular Disease in the United States: 2012â€"2013 Medical Expenditures PanelÂSurvey. Journal of the American Heart Association, 2017, 6, .	1.6	12
56	Dyslipidemia in diabetes mellitus and cardiovascular disease. Cardiovascular Endocrinology, 2017, 6, 27-32.	0.8	41
57	Sedentary Time, Physical Activity, and Adiposity: Cross-sectional and Longitudinal Associations in CARDIA. American Journal of Preventive Medicine, 2017, 53, 764-771.	1.6	71
58	Life's Simple 7 and Incident Heart Failure: The Multiâ€Ethnic Study of Atherosclerosis. Journal of the American Heart Association, 2017, 6, .	1.6	80
59	25-Year Physical Activity Trajectories and Development of Subclinical Coronary Artery Disease as Measured by Coronary Artery Calcium: The Coronary Artery Risk Development in Young Adults (CARDIA) Study. Mayo Clinic Proceedings, 2017, 92, 1660-1670.	1.4	67
60	National Trends in Statin Use and Expenditures in the US Adult Population From 2002 to 2013. JAMA Cardiology, 2017, 2, 56.	3.0	297
61	The Implication of Coronary Artery Calcium Testing for Cardiovascular Disease Prevention and Diabetes. Endocrinology and Metabolism, 2017, 32, 47.	1.3	24
62	Heterogeneity in national U.S. mortality trends within heart disease subgroups, 2000â€"2015. BMC Cardiovascular Disorders, 2017, 17, 192.	0.7	46
63	Abstract P003: Application of a Lifestyle-based Score to Predict Cardiovascular Health in the Coronary Artery Risk Development in Young Adults (CARDIA) Study. Circulation, 2017, 135, .	1.6	0
64	Cardiac Metastasis of Nonvisceral Soft-tissue Leiomyosarcoma. Reviews in Cardiovascular Medicine, 2017, 18, 78-81.	0.5	1
65	Recent Trends in Cardiovascular Mortality in the United States and Public Health Goals. JAMA Cardiology, 2016, 1, 594.	3.0	405
66	Ethnic Differences in Risk of Coronary Heart Disease in a Large Contemporary Population. American Journal of Preventive Medicine, 2016, 50, 637-641.	1.6	8
67	Accuracy of the Atherosclerotic Cardiovascular Risk Equation inÂaÂLargeÂContemporary, MultiethnicÂPopulation. Journal of the American College of Cardiology, 2016, 67, 2118-2130.	1.2	227
68	Economic Impact of Moderateâ€Vigorous Physical Activity Among Those With and Without Established Cardiovascular Disease: 2012 Medical Expenditure PanelÂSurvey. Journal of the American Heart Association, 2016, 5, .	1.6	29
69	Association of allergic rhinitis, coronary heart disease, cerebrovascular disease, and all-cause mortality. Annals of Allergy, Asthma and Immunology, 2016, 117, 359-364.e1.	0.5	17
70	Community-Based Trends in Acute Myocardial Infarction From 2008 to 2014. Journal of the American College of Cardiology, 2016, 68, 666-668.	1.2	12
71	Are All Individuals With Diabetes Equal, orÂSome More Equal Than Others?. JACC: Cardiovascular Imaging, 2016, 9, 1289-1291.	2.3	2
72	Association Between Life's Simple 7 and Noncardiovascular Disease: The Multiâ€Ethnic Study of Atherosclerosis. Journal of the American Heart Association, 2016, 5, .	1.6	92

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73	Dyspnea predicts mortality among patients undergoing coronary computed tomographic angiography. International Journal of Cardiovascular Imaging, 2016, 32, 329-337.	0.7	4
74	Pathobiological Determinants of Atherosclerosis in Youth (PDAY) Risk Score in Young Adults Predicts Coronary Artery and Abdominal Aorta Calcium in Middle Age. Circulation, 2016, 133, 139-146.	1.6	55
75	Diabetes and Prior Coronary Heart Disease are Not Necessarily Risk Equivalent for Future Coronary Heart Disease Events. Journal of General Internal Medicine, 2016, 31, 387-393.	1.3	105
76	Association of Fitness in Young Adulthood With Survival and Cardiovascular Risk. JAMA Internal Medicine, 2016, 176, 87.	2.6	115
77	Abstract 13: Economic Impact of Moderate-vigorous Physical Activity Among Those with and without Established Cardiovascular Disease: 2012 Medical Expenditure Panel Survey. Circulation, 2016, 133, .	1.6	0
78	Abstract 25: Favorable Modifiable Cardiovascular Risk Profile is Associated with Lower Healthcare Costs: The 2012 Medical Expenditure Panel Survey. Circulation, 2016, 133, .	1.6	0
79	Abstract P069: Modifiable Risk Factors as Drivers of Pharmaceutical Expenditures Among US Adults with Atherosclerotic Heart Disease: 2012 Medical Expenditure Panel Survey. Circulation, 2016, 133, .	1.6	0
80	Abstract 244: Sex-based Differences in Economic and Health-related Burden of Depression on Adults With Cardiovascular Disease. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, .	0.9	0
81	Abstract 230: Per Capita Proportion of Total Health Care Expenditures on Pharmaceuticals Among US Adults With Cardiovascular Disease: 2012 Medical Expenditure Panel Survey. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, .	0.9	0
82	Abstract 146: Drivers of Healthcare Costs Among Adults With Obesity in United States: 2012 Medical Expenditure Panel Survey. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, .	0.9	0
83	Abstract MP05: Life's Simple 7 and Incident Heart Failure: The Multi-Ethnic Study of Atherosclerosis. Circulation, 2016, 133, .	1.6	0
84	Role for Combination Therapy in Diabetic Dyslipidemia. Current Cardiology Reports, 2015, 17, 32.	1.3	26
85	Risk Stratification for Primary Prevention of Coronary Artery Disease: Roles of C-Reactive Protein and Coronary Artery Calcium. Current Cardiology Reports, 2015, 17, 110.	1.3	20
86	Marijuana use and risk of prediabetes and diabetes by middle adulthood: the Coronary Artery Risk Development in Young Adults (CARDIA) study. Diabetologia, 2015, 58, 2736-2744.	2.9	34
87	Metabolic Dyslipidemia and Risk of Coronary Heart Disease in 28,318 Adults With Diabetes Mellitus and Low-Density Lipoprotein Cholesterol <100Âmg/dl. American Journal of Cardiology, 2015, 116, 1700-1704.	0.7	39
88	Abstract 9958: Fitness in Young Adulthood is Independently Associated With Improved Survival and Cardiovascular Risk: The CARDIA study. Circulation, 2015, 132, .	1.6	0
89	The clot thickens: unusual presentation of a left atrial thrombus. Reviews in Cardiovascular Medicine, 2015, 16, 81-3.	0.5	0
90	Enhanced external counterpulsation inhibits endothelial apoptosis via modulation of BIRC2 and Apaf-1 genes in porcine hypercholesterolemia. International Journal of Cardiology, 2014, 171, 161-168.	0.8	11

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91	Biomarkers and Assessment of Subclinical Atherosclerosis for the Prediction of Cardiovascular Disease: What is the Current Evidence?. Current Cardiovascular Risk Reports, 2013, 7, 108-112.	0.8	0
92	Abstract 368: Family History of Premature Cardiac Events and Sub Clinical Atherosclerosis in Children and Young Adults: A Systematic Review. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	1.1	0
93	Coronary artery calcium for the prediction of mortality in young adults <45 years old and elderly adults >75 years old. European Heart Journal, 2012, 33, 2955-2962.	1.0	164
94	Differences in Prevalence, Extent, Severity, and Prognosis of Coronary Artery Disease Among Patients With and Without Diabetes Undergoing Coronary Computed Tomography Angiography. Diabetes Care, 2012, 35, 1787-1794.	4.3	120
95	The Role of Non-HDL Cholesterol in Risk Stratification for Coronary Artery Disease. Current Atherosclerosis Reports, 2012, 14, 130-134.	2.0	56
96	Comparative Value of Coronary Artery Calcium and Multiple Blood Biomarkers for Prognostication of Cardiovascular Events. American Journal of Cardiology, 2012, 109, 1449-1453.	0.7	57
97	Impact of Coronary Artery Calcium Scanning on Coronary Risk Factors and Downstream Testing. Journal of the American College of Cardiology, 2011, 57, 1622-1632.	1.2	390
98	Inflammatory biomarkers, physical activity, waist circumference, and risk of future coronary heart disease in healthy men and women. European Heart Journal, 2011, 32, 336-344.	1.0	93
99	Combination of Myocardial Perfusion Imaging and Coronary Artery Calcium Scanning: Potential Synergies for Improving Risk Assessment in Subjects with Suspected Coronary Artery Disease. Current Atherosclerosis Reports, 2011, 13, 381-389.	2.0	17
100	Case Discussion. ICU Director, 2010, 1, 28-34.	0.2	1
101	Should we change our lipid management strategies to focus on non-high-density lipoprotein cholesterol?. Current Opinion in Cardiology, 2010, 25, 622-626.	0.8	8
102	Resting Heart Rate and Metabolic Syndrome in Patients With Diabetes and Coronary Artery Disease in Bypass Angioplasty Revascularization Investigation 2 Diabetes (BARI 2D) Trial. Preventive Cardiology, 2010, 13, 112-6.	1.1	11
103	Evolution of Percutaneous Coronary Intervention in Patients with Diabetes: A report from the National Heart, Lung, and Blood Institute-sponsored PTCA (1985-1986) and Dynamic (1997-2006) Registries. Diabetes Care, 2010, 33, 1976-1982.	4.3	11
104	Metabolic dyslipidemia and risk of future coronary heart disease in apparently healthy men and women: The EPIC-Norfolk prospective population study. International Journal of Cardiology, 2010, 143, 399-404.	0.8	33
105	Highlights of Cardiovascular Disease Prevention Studies Presented at the 2022 American College of Cardiology Scientific Sessions. Current Atherosclerosis Reports, 0, , .	2.0	5