

Susan Cheng

List of Publications by Year in descending order

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Version: 2024-02-01

308
papers

41,892
citations

11651

70
h-index

2629

194
g-index

329
all docs

329
docs citations

329
times ranked

58236
citing authors

#	ARTICLE	IF	CITATIONS
1	Heart Disease and Stroke Statisticsâ€™2019 Update: A Report From the American Heart Association. Circulation, 2019, 139, e56-e528.	1.6	6,192
2	Heart Disease and Stroke Statisticsâ€™2020 Update: A Report From the American Heart Association. Circulation, 2020, 141, e139-e596.	1.6	5,545
3	Heart Disease and Stroke Statisticsâ€™2018 Update: A Report From the American Heart Association. Circulation, 2018, 137, e67-e492.	1.6	5,228
4	Heart Disease and Stroke Statisticsâ€™2021 Update. Circulation, 2021, 143, e254-e743.	1.6	3,444
5	Metabolite profiles and the risk of developing diabetes. Nature Medicine, 2011, 17, 448-453.	30.7	2,586
6	Effect of interleukin-1Î² inhibition with canakinumab on incident lung cancer in patients with atherosclerosis: exploratory results from a randomised, double-blind, placebo-controlled trial. Lancet, The, 2017, 390, 1833-1842.	13.7	948
7	Atrial Fibrillation Begets Heart Failure and Vice Versa. Circulation, 2016, 133, 484-492.	1.6	561
8	Lipid profiling identifies a triacylglycerol signature of insulin resistance and improves diabetes prediction in humans. Journal of Clinical Investigation, 2011, 121, 1402-1411.	8.2	537
9	Metabolite Profiling Identifies Pathways Associated With Metabolic Risk in Humans. Circulation, 2012, 125, 2222-2231.	1.6	514
10	Dietary carbohydrate intake and mortality: a prospective cohort study and meta-analysis. Lancet Public Health, The, 2018, 3, e419-e428.	10.0	506
11	Antibody responses to the BNT162b2 mRNA vaccine in individuals previously infected with SARS-CoV-2. Nature Medicine, 2021, 27, 981-984.	30.7	504
12	Long-term Outcomes in Individuals With Prolonged PR Interval or First-Degree Atrioventricular Block. JAMA - Journal of the American Medical Association, 2009, 301, 2571.	7.4	480
13	Adiposity, Cardiometabolic Risk, and Vitamin D Status: The Framingham Heart Study. Diabetes, 2010, 59, 242-248.	0.6	437
14	Prognostic Utility of Novel Biomarkers of Cardiovascular Stress. Circulation, 2012, 126, 1596-1604.	1.6	414
15	2-Amino adipic acid is a biomarker for diabetes risk. Journal of Clinical Investigation, 2013, 123, 4309-4317.	8.2	397
16	Metabolic Signatures of Exercise in Human Plasma. Science Translational Medicine, 2010, 2, 33ra37.	12.4	337
17	Worsening renal function: What is a clinically meaningful change in creatinine during hospitalization with heart failure?. Journal of Cardiac Failure, 2003, 9, 13-25.	1.7	304
18	Age-Related Left Ventricular Remodeling and Associated Risk for Cardiovascular Outcomes. Circulation: Cardiovascular Imaging, 2009, 2, 191-198.	2.6	304

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19	A Genome-wide Association Study of the Human Metabolome in a Community-Based Cohort. <i>Cell Metabolism</i> , 2013, 18, 130-143.	16.2	274
20	Sex Differences in Blood Pressure Trajectories Over the Life Course. <i>JAMA Cardiology</i> , 2020, 5, 255.	6.1	249
21	A Combined Epidemiologic and Metabolomic Approach Improves CKD Prediction. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1330-1338.	6.1	233
22	Correlates of Echocardiographic Indices of Cardiac Remodeling Over the Adult Life Course. <i>Circulation</i> , 2010, 122, 570-578.	1.6	218
23	Detection and prognostic value of pulmonary congestion by lung ultrasound in ambulatory heart failure patients. <i>European Heart Journal</i> , 2016, 37, 1244-1251.	2.2	206
24	Echocardiographic Speckle-Tracking Based Strain Imaging for Rapid Cardiovascular Phenotyping in Mice. <i>Circulation Research</i> , 2011, 108, 908-916.	4.5	204
25	Association of circulating endothelial microparticles with cardiometabolic risk factors in the Framingham Heart Study. <i>European Heart Journal</i> , 2014, 35, 2972-2979.	2.2	193
26	Sex differences in cardiovascular ageing. <i>Heart</i> , 2016, 102, 825-831.	2.9	192
27	Sex-specific cardiovascular structure and function in heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2014, 16, 535-542.	7.1	184
28	Secondary Prevention of Atherosclerotic Cardiovascular Disease in Older Adults. <i>Circulation</i> , 2013, 128, 2422-2446.	1.6	166
29	Combined effects of host genetics and diet on human gut microbiota and incident disease in a single population cohort. <i>Nature Genetics</i> , 2022, 54, 134-142.	21.4	164
30	Myocardial tissue tagging with cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2009, 11, 55.	3.3	163
31	Distribution and Clinical Correlates of the Interleukin Receptor Family Member Soluble ST2 in the Framingham Heart Study. <i>Clinical Chemistry</i> , 2012, 58, 1673-1681.	3.2	162
32	Cardiovascular complications of radiation therapy for thoracic malignancies: the role for non-invasive imaging for detection of cardiovascular disease. <i>European Heart Journal</i> , 2014, 35, 612-623.	2.2	160
33	Epidemiology of Left Ventricular Systolic Dysfunction and Heart Failure in the Framingham Study. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1-11.	5.3	158
34	Metabolomic Profiles of Body Mass Index in the Framingham Heart Study Reveal Distinct Cardiometabolic Phenotypes. <i>PLoS ONE</i> , 2016, 11, e0148361.	2.5	155
35	Circulating Branched-Chain Amino Acids and Incident Cardiovascular Disease in a Prospective Cohort of US Women. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002157.	3.6	145
36	Cardiac Natriuretic Peptides, Obesity, and Insulin Resistance: Evidence from Two Community-Based Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 3242-3249.	3.6	141

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37	Potential Impact and Study Considerations of Metabolomics in Cardiovascular Health and Disease: A Scientific Statement From the American Heart Association. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	140
38	Influence of Sex and Hormone Status on Circulating Natriuretic Peptides. <i>Journal of the American College of Cardiology</i> , 2011, 58, 618-626.	2.8	136
39	Temporal Trends in the Population Attributable Risk for Cardiovascular Disease. <i>Circulation</i> , 2014, 130, 820-828.	1.6	135
40	The Natural History of Left Ventricular Geometry in the Community. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 870-878.	5.3	134
41	Pre-existing traits associated with Covid-19 illness severity. <i>PLoS ONE</i> , 2020, 15, e0236240.	2.5	129
42	Blood Pressure Tracking Over the Adult Life Course. <i>Hypertension</i> , 2012, 60, 1393-1399.	2.7	127
43	Metabolite Profiles During Oral Glucose Challenge. <i>Diabetes</i> , 2013, 62, 2689-2698.	0.6	127
44	Distinct metabolomic signatures are associated with longevity in humans. <i>Nature Communications</i> , 2015, 6, 6791.	12.8	120
45	Sex Differences in Blood Pressure Associations With Cardiovascular Outcomes. <i>Circulation</i> , 2021, 143, 761-763.	1.6	118
46	Rationale and Design of a Multicenter Echocardiographic Study to Assess the Relationship Between Cardiac Structure and Function and Heart Failure Risk in a Biracial Cohort of Community-Dwelling Elderly Persons. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 173-181.	2.6	117
47	Burden of Rare Sarcomere Gene Variants in the Framingham and Jackson Heart Study Cohorts. <i>American Journal of Human Genetics</i> , 2012, 91, 513-519.	6.2	116
48	Plant-based diets, pescatarian diets and COVID-19 severity: a population-based case-control study in six countries. <i>BMJ Nutrition, Prevention and Health</i> , 2021, 4, 257-266.	3.7	113
49	Age- and Sex-Based Reference Limits and Clinical Correlates of Myocardial Strain and Synchrony. <i>Circulation: Cardiovascular Imaging</i> , 2013, 6, 692-699.	2.6	109
50	BCG vaccination history associates with decreased SARS-CoV-2 seroprevalence across a diverse cohort of health care workers. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	108
51	Clinical and Genetic Correlates of Growth Differentiation Factor 15 in the Community. <i>Clinical Chemistry</i> , 2012, 58, 1582-1591.	3.2	106
52	Large-scale genome-wide analysis identifies genetic variants associated with cardiac structure and function. <i>Journal of Clinical Investigation</i> , 2017, 127, 1798-1812.	8.2	106
53	Reproducibility of Speckle-Tracking-Based Strain Measures of Left Ventricular Function in a Community-Based Study. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 1258-1266.e2.	2.8	105
54	Experience With Hydroxychloroquine and Azithromycin in the Coronavirus Disease 2019 Pandemic: Implications for QT Interval Monitoring. <i>Journal of the American Heart Association</i> , 2020, 9, e017144.	3.7	104

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55	Vitamin D Therapy in Individuals With Prehypertension or Hypertension. <i>Circulation</i> , 2015, 131, 254-262.	1.6	103
56	Long-term Cardiovascular Risks Associated With an Elevated Heart Rate: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2014, 3, e000668.	3.7	102
57	Common genetic variation at the IL1RL1 locus regulates IL-33/ST2 signaling. <i>Journal of Clinical Investigation</i> , 2013, 123, 4208-4218.	8.2	101
58	Arterial Stiffness Is Associated With Regional Ventricular Systolic and Diastolic Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 194-201.	2.4	100
59	Contemporary Assessment of Left Ventricular Diastolic Function in Older Adults. <i>Circulation</i> , 2017, 135, 426-439.	1.6	99
60	Reference Limits for N-Terminal-pro-B-Type Natriuretic Peptide in Healthy Individuals (from the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54)	1.6	96
61	Machine Learning Approaches in Cardiovascular Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	94
62	Superior Vena Cava Syndrome. <i>Cardiology in Review</i> , 2009, 17, 16-23.	1.4	91
63	Biomarkers of Cardiovascular Stress and Incident Chronic Kidney Disease. <i>Clinical Chemistry</i> , 2013, 59, 1613-1620.	3.2	91
64	Metabolite Traits and Genetic Risk Provide Complementary Information for the Prediction of Future Type 2 Diabetes. <i>Diabetes Care</i> , 2014, 37, 2508-2514.	8.6	87
65	Cardiovascular Risk Factors Are Associated With Future Cancer. <i>JACC: CardioOncology</i> , 2021, 3, 48-58.	4.0	83
66	Alcohol consumption and risk of heart failure: the Atherosclerosis Risk in Communities Study. <i>European Heart Journal</i> , 2015, 36, 939-945.	2.2	82
67	Relations of Central Hemodynamics and Aortic Stiffness with Left Ventricular Structure and Function: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016, 5, e002693.	3.7	82
68	Deep Neural Networks for Classification of LC-MS Spectral Peaks. <i>Analytical Chemistry</i> , 2019, 91, 12407-12413.	6.5	77
69	Correlates of Segmental Pulse Wave Velocity in Older Adults: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , 2016, 29, 114-122.	2.0	76
70	Adverse Left Ventricular Remodeling and Age Assessed with Cardiac MR Imaging: The Multi-Ethnic Study of Atherosclerosis. <i>Radiology</i> , 2016, 278, 714-722.	7.3	76
71	Interrelations Between Arterial Stiffness, Target Organ Damage, and Cardiovascular Disease Outcomes. <i>Journal of the American Heart Association</i> , 2019, 8, e012141.	3.7	76
72	Age- and Sex-Related Influences on Left Ventricular Mechanics in Elderly Individuals Free of Prevalent Heart Failure. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	75

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73	Cancer-Drug Discovery and Cardiovascular Surveillance. <i>New England Journal of Medicine</i> , 2013, 369, 1779-1781.	27.0	73
74	Prevalence, Neurohormonal Correlates, and Prognosis of Heart Failure Stages in the Community. <i>JACC: Heart Failure</i> , 2016, 4, 808-815.	4.1	72
75	Repeatability of Central and Peripheral Pulse Wave Velocity Measures: The Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , 2016, 29, 470-475.	2.0	72
76	T cell immune responses to SARS-CoV-2 and variants of concern (Alpha and Delta) in infected and vaccinated individuals. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2554-2556.	10.5	72
77	Dyssynchrony, Contractile Function, and Response to Cardiac Resynchronization Therapy. <i>Circulation: Heart Failure</i> , 2011, 4, 433-440.	3.9	71
78	Adverse Events After SARS-CoV-2 mRNA Vaccination Among Patients With Inflammatory Bowel Disease. <i>American Journal of Gastroenterology</i> , 2021, 116, 1746-1751.	0.4	70
79	An exome array study of the plasma metabolome. <i>Nature Communications</i> , 2016, 7, 12360.	12.8	69
80	Cardiac Structure and Function Across the Glycemic Spectrum in Elderly Men and Women Free of Prevalent Heart Disease. <i>Circulation: Heart Failure</i> , 2015, 8, 448-454.	3.9	68
81	Association Between the Gut Microbiota and Blood Pressure in a Population Cohort of 6953 Individuals. <i>Journal of the American Heart Association</i> , 2020, 9, e016641.	3.7	67
82	Association of Novel Biomarkers of Cardiovascular Stress With Left Ventricular Hypertrophy and Dysfunction: Implications for Screening. <i>Journal of the American Heart Association</i> , 2013, 2, e000399.	3.7	66
83	Haeme oxygenase signalling pathway: implications for cardiovascular disease. <i>European Heart Journal</i> , 2015, 36, 1512-1518.	2.2	66
84	Circulating CD34+ progenitor cell frequency is associated with clinical and genetic factors. <i>Blood</i> , 2013, 121, e50-e56.	1.4	65
85	Stromal Cell-Derived Factor 1 as a Biomarker of Heart Failure and Mortality Risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2100-2105.	2.4	65
86	Directed Non-targeted Mass Spectrometry and Chemical Networking for Discovery of Eicosanoids and Related Oxylipins. <i>Cell Chemical Biology</i> , 2019, 26, 433-442.e4.	5.2	64
87	High-Throughput Precision Phenotyping of Left Ventricular Hypertrophy With Cardiovascular Deep Learning. <i>JAMA Cardiology</i> , 2022, 7, 386.	6.1	63
88	Advances in the Epidemiology of Heart Failure and Left Ventricular Remodeling. <i>Circulation</i> , 2011, 124, e516-9.	1.6	62
89	Hepatocellular Carcinoma With Intracavitary Cardiac Involvement: A Case Report and Review of the Literature. <i>American Journal of Cardiology</i> , 2008, 102, 643-645.	1.6	61
90	Reversible Cardiomyopathy Associated with Sunitinib and Sorafenib. <i>New England Journal of Medicine</i> , 2011, 365, 1649-1650.	27.0	61

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91	Genetic Variants in SGLT1, Glucose Tolerance, and Cardiometabolic Risk. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1763-1773.	2.8	61
92	Polygenic Risk Scores Predict Hypertension Onset and Cardiovascular Risk. <i>Hypertension</i> , 2021, 77, 1119-1127.	2.7	61
93	Sex Differences in Peripheral Artery Disease. <i>Circulation Research</i> , 2022, 130, 496-511.	4.5	61
94	Effect of antihypertensive therapy on ventricular-arterial mechanics, coupling, and efficiency. <i>European Heart Journal</i> , 2013, 34, 676-683.	2.2	59
95	Association of Weight and Body Composition on Cardiac Structure and Function in the ARIC Study (Atherosclerosis Risk in Communities). <i>Circulation: Heart Failure</i> , 2016, 9, .	3.9	59
96	Heritability and risks associated with early onset hypertension: multigenerational, prospective analysis in the Framingham Heart Study. <i>BMJ: British Medical Journal</i> , 2017, 357, j1949.	2.3	59
97	Association of Left Atrial Function Index with Atrial Fibrillation and Cardiovascular Disease: The Framingham Offspring Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	59
98	Call to Action for Cardiovascular Disease in Women: Epidemiology, Awareness, Access, and Delivery of Equitable Health Care: A Presidential Advisory From the American Heart Association. <i>Circulation</i> , 2022, 145, 101161CIR0000000000001071.	1.6	59
99	Distinct Aspects of Left Ventricular Mechanical Function Are Differentially Associated With Cardiovascular Outcomes and All-cause Mortality in the Community. <i>Journal of the American Heart Association</i> , 2015, 4, e002071.	3.7	58
100	Relations Between Aortic Stiffness and Left Ventricular Mechanical Function in the Community. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	57
101	Antibody Responses After SARS-CoV-2 mRNA Vaccination in Adults With Inflammatory Bowel Disease. <i>Annals of Internal Medicine</i> , 2021, 174, 1768-1770.	3.9	57
102	Patient Use and Clinical Practice Patterns of Remote Cardiology Clinic Visits in the Era of COVID-19. <i>JAMA Network Open</i> , 2021, 4, e214157.	5.9	56
103	Vitamin D status is not related to development of atrial fibrillation in the community. <i>American Heart Journal</i> , 2011, 162, 538-541.	2.7	55
104	Smoking and Cardiac Structure and Function in the Elderly. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e004950.	2.6	55
105	Risk for hypertension crosses generations in the community: a multi-generational cohort study. <i>European Heart Journal</i> , 2017, 38, 2300-2308.	2.2	55
106	Statistical Workflow for Feature Selection in Human Metabolomics Data. <i>Metabolites</i> , 2019, 9, 143.	2.9	55
107	Early Onset Hypertension Is Associated With Hypertensive End-Organ Damage Already by MidLife. <i>Hypertension</i> , 2019, 74, 305-312.	2.7	55
108	Taxonomic signatures of cause-specific mortality risk in human gut microbiome. <i>Nature Communications</i> , 2021, 12, 2671.	12.8	55

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109	Aortic Root Remodeling and Risk of Heart Failure in the Framingham Heart Study. <i>JACC: Heart Failure</i> , 2013, 1, 79-83.	4.1	54
110	Racial Differences in Circulating Natriuretic Peptide Levels: The Atherosclerosis Risk in Communities Study. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	53
111	Sex Differences in Myocardial and Vascular Aging. <i>Circulation Research</i> , 2022, 130, 566-577.	4.5	53
112	Prognosis of Adults With Borderline Left Ventricular Ejection Fraction. <i>JACC: Heart Failure</i> , 2016, 4, 502-510.	4.1	49
113	Differences in Natriuretic Peptide Levels by Race/Ethnicity (From the Multi-Ethnic Study of Atherosclerosis). <i>Journal of the American Heart Association</i> , 2011, 4, e197-204.	1.6	49
114	Relation of Visceral Adiposity to Circulating Natriuretic Peptides in Ambulatory Individuals. <i>American Journal of Cardiology</i> , 2011, 108, 979-984.	1.6	48
115	Access to personal protective equipment in exposed healthcare workers and COVID-19 illness, severity, symptoms and duration: a population-based case-control study in six countries. <i>BMJ Global Health</i> , 2021, 6, e004611.	4.7	47
116	COVID-19 illness in relation to sleep and burnout. <i>BMJ Nutrition, Prevention and Health</i> , 2021, 4, 132-139.	3.7	47
117	Heart Failure Risk Across the Spectrum of Ankle-Brachial Index. <i>JACC: Heart Failure</i> , 2014, 2, 447-454.	4.1	46
118	Prehypertension Is Associated With Abnormalities of Cardiac Structure and Function in the Atherosclerosis Risk in Communities Study. <i>American Journal of Hypertension</i> , 2016, 29, 568-574.	2.0	46
119	Natriuretic Peptide and High-Sensitivity Troponin for Cardiovascular Risk Prediction in Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study. <i>Diabetes Care</i> , 2016, 39, 677-685.	8.6	46
120	Response to Letter Regarding Article, "Atrial Fibrillation Begets Heart Failure and Vice Versa: Temporal Associations and Differences in Preserved Versus Reduced Ejection Fraction." <i>Circulation</i> , 2016, 133, e692-3.	1.6	45
121	The association of chronic kidney disease and microalbuminuria with heart failure with preserved vs. reduced ejection fraction. <i>European Journal of Heart Failure</i> , 2017, 19, 615-623.	7.1	44
122	Galectin-3 Is Elevated and Associated With Adverse Outcomes in Patients With Single-Ventricle Fontan Circulation. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	43
123	Soluble ST2 predicts elevated SBP in the community. <i>Journal of Hypertension</i> , 2013, 31, 1431-1436.	0.5	42
124	Prospective cohort study of C-reactive protein as a predictor of clinical events in adults with congenital heart disease: results of the Boston adult congenital heart disease biobank. <i>European Heart Journal</i> , 2018, 39, 3253-3261.	2.2	42
125	Associations of healthy food choices with gut microbiota profiles. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 605-616.	4.7	42
126	Paradoxical sex-specific patterns of autoantibody response to SARS-CoV-2 infection. <i>Journal of Translational Medicine</i> , 2021, 19, 524.	4.4	42

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127	Exhaled Carbon Monoxide and Risk of Metabolic Syndrome and Cardiovascular Disease in the Community. <i>Circulation</i> , 2010, 122, 1470-1477.	1.6	41
128	Impact of device selection and clip duration on lung ultrasound assessment in patients with heart failure. <i>American Journal of Emergency Medicine</i> , 2015, 33, 1552-1556.	1.6	41
129	Association of Resting Heart Rate and Temporal Changes in Heart Rate With Outcomes in Participants of the Atherosclerosis Risk in Communities Study. <i>JAMA Cardiology</i> , 2018, 3, 200.	6.1	41
130	Visualization, Quantification, and Alignment of Spectral Drift in Population Scale Untargeted Metabolomics Data. <i>Analytical Chemistry</i> , 2017, 89, 1399-1404.	6.5	39
131	Influence of cigarette smoking on cardiac biomarkers: the Atherosclerosis Risk in Communities (<sc>ARIC</sc>) Study. <i>European Journal of Heart Failure</i> , 2016, 18, 629-637.	7.1	38
132	Race-Related Differences in Left Ventricular Structural and Functional Remodeling in Response to Increased Afterload. <i>JACC: Heart Failure</i> , 2017, 5, 157-165.	4.1	38
133	Pulmonary Congestion by Lung Ultrasound in Ambulatory Patients With Heart Failure With Reduced or Preserved Ejection Fraction and Hypertension. <i>Journal of Cardiac Failure</i> , 2018, 24, 219-226.	1.7	38
134	Hearts too small for body size after doxorubicin for childhood ALL: Grinch syndrome.. <i>Journal of Clinical Oncology</i> , 2014, 32, 10021-10021.	1.6	37
135	Early prediction of incident liver disease using conventional risk factors and gut-microbiome-augmented gradient boosting. <i>Cell Metabolism</i> , 2022, 34, 719-730.e4.	16.2	35
136	Predictors of Initial Nontherapeutic Anticoagulation With Unfractionated Heparin in ST-Segment Elevation Myocardial Infarction. <i>Circulation</i> , 2009, 119, 1195-1202.	1.6	34
137	Adiposity, body composition and ventricular arterial stiffness in the elderly: the Atherosclerosis Risk in Communities Study. <i>European Journal of Heart Failure</i> , 2018, 20, 1191-1201.	7.1	34
138	Recognizing and Managing Left Ventricular Dysfunction Associated With Therapeutic Inhibition of the Vascular Endothelial Growth Factor Signaling Pathway. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2014, 16, 335.	0.9	33
139	Cardiac structure and function and leisure-time physical activity in the elderly: The Atherosclerosis Risk in Communities Study. <i>European Heart Journal</i> , 2016, 37, 2544-2551.	2.2	33
140	High-Throughput Measure of Bioactive Lipids Using Non-targeted Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2019, 1862, 17-35.	0.9	32
141	Coronary Microvascular Dysfunction Causing Cardiac Ischemia in Women. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 2334.	7.4	31
142	Seroprevalence of antibodies to SARS-CoV-2 in healthcare workers: a cross-sectional study. <i>BMJ Open</i> , 2021, 11, e043584.	1.9	31
143	Racial and ethnic differences in subclinical myocardial function: the Multi-Ethnic Study of Atherosclerosis. <i>Heart</i> , 2011, 97, 405-410.	2.9	30
144	Metabolomics Analytics Workflow for Epidemiological Research: Perspectives from the Consortium of Metabolomics Studies (COMETS). <i>Metabolites</i> , 2019, 9, 145.	2.9	30

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145	Longitudinal SARS-CoV-2 mRNA Vaccine-Induced Humoral Immune Responses in Patients with Cancer. <i>Cancer Research</i> , 2021, 81, 6273-6280.	0.9	30
146	Association of Circulating Ceramides With Cardiac Structure and Function in the Community: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2019, 8, e013050.	3.7	29
147	Clinical trial of an educational intervention to achieve recommended cholesterol levels in patients with coronary artery disease. <i>American Heart Journal</i> , 2004, 147, 522-528.	2.7	28
148	Association of the Mediterranean Diet With Onset of Diabetes in the Women's Health Study. <i>JAMA Network Open</i> , 2020, 3, e2025466.	5.9	28
149	Ideal Cardiovascular Health and the Prevalence and Severity of Aortic Stenosis in Elderly Patients. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	27
150	Decreased Antibody Responses to Ad26.COVS.2 Relative to SARS-CoV-2 mRNA Vaccines in Patients With Inflammatory Bowel Disease. <i>Gastroenterology</i> , 2021, 161, 2041-2043.e1.	1.3	27
151	Knowledge of Cholesterol Levels and Targets in Patients With Coronary Artery Disease. <i>Preventive Cardiology</i> , 2005, 8, 11-17.	1.1	25
152	Cardiometabolic Traits and Systolic Mechanics in the Community. <i>Circulation: Heart Failure</i> , 2017, 10, .	3.9	25
153	Trajectories of Blood Pressure Elevation Preceding Hypertension Onset. <i>JAMA Cardiology</i> , 2018, 3, 427.	6.1	25
154	Deep learning evaluation of biomarkers from echocardiogram videos. <i>EBioMedicine</i> , 2021, 73, 103613.	6.1	25
155	Biomarkers of Cardiovascular Stress and Subclinical Atherosclerosis in the Community. <i>Clinical Chemistry</i> , 2014, 60, 1402-1408.	3.2	24
156	Left ventricular mechanical function: clinical correlates, heritability, and association with parental heart failure. <i>European Journal of Heart Failure</i> , 2015, 17, 44-50.	7.1	24
157	Racial Disparities in Risks of Stroke. <i>New England Journal of Medicine</i> , 2017, 376, 2089-2090.	27.0	24
158	Association of carotid atherosclerosis and stiffness with abdominal aortic aneurysm: The atherosclerosis risk in communities (ARIC) study. <i>Atherosclerosis</i> , 2018, 270, 110-116.	0.8	24
159	Lifetime Prevalence and Prognosis of Prediabetes Without Progression to Diabetes. <i>Diabetes Care</i> , 2018, 41, e117-e118.	8.6	24
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