

# Susan Cheng

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

294 papers	26,213 citations	62 h-index	160 g-index
329 ext. papers	35,196 ext. citations	8.8 avg, IF	6.82 L-index

#	Paper	IF	Citations
294	Sex-Specific Temporal Trends in Hypertensive Crisis Hospitalizations in the United States.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e021244	6	1
293	Subclinical hepatic fibrosis is associated with coronary microvascular dysfunction by myocardial perfusion reserve index: a retrospective cohort study.. <i>International Journal of Cardiovascular Imaging</i> , <b>2022</b> , 1	2.5	
292	Combined effects of host genetics and diet on human gut microbiota and incident disease in a single population cohort.. <i>Nature Genetics</i> , <b>2022</b> , 54, 134-142	36.3	18
291	Sex Differences in Myocardial and Vascular Aging.. <i>Circulation Research</i> , <b>2022</b> , 130, 566-577	15.7	7
290	Seasonal COVID-19 surge related hospital volumes and case fatality rates.. <i>BMC Infectious Diseases</i> , <b>2022</b> , 22, 178	4	0
289	Sex Differences in Peripheral Artery Disease.. <i>Circulation Research</i> , <b>2022</b> , 130, 496-511	15.7	3
288	High-Throughput Precision Phenotyping of Left Ventricular Hypertrophy With Cardiovascular Deep Learning.. <i>JAMA Cardiology</i> , <b>2022</b> ,	16.2	9
287	Association of Cardiometabolic Disease With Cancer in the Community.. <i>JACC: CardioOncology</i> , <b>2022</b> , 4, 69-81	3.8	1
286	Early prediction of incident liver disease using conventional risk factors and gut-microbiome-augmented gradient boosting.. <i>Cell Metabolism</i> , <b>2022</b> ,	24.6	2
285	Cardiac Structure and Function and Diabetes-Related Risk of Death or Heart Failure in Older Adults.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e022308	6	1
284	How useful are body mass index and history of diabetes in COVID-19 risk stratification?. <i>PLoS ONE</i> , <b>2022</b> , 17, e0265473	3.7	1
283	Differences in SARS-CoV-2 Vaccine Response Dynamics Between Class-I and Class-II-Specific T-Cell Receptors in Inflammatory Bowel Disease.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 880190	8.4	0
282	Cardiac microstructural alterations in immune-inflammatory myocardial disease: a retrospective case-control study.. <i>Cardiovascular Ultrasound</i> , <b>2022</b> , 20, 9	2.4	
281	Sex-based differences in remote monitoring of biometric, psychometric and biomarker indices in stable ischemic heart disease.. <i>Biology of Sex Differences</i> , <b>2022</b> , 13, 15	9.3	
280	Variability independent of mean blood pressure as a real-world measure of cardiovascular risk. <i>EClinicalMedicine</i> , <b>2022</b> , 48, 101442	11.3	1
279	Demographic and clinical characteristics associated with variations in antibody response to BNT162b2 COVID-19 vaccination among healthcare workers at an academic medical centre: a longitudinal cohort analysis. <i>BMJ Open</i> , <b>2022</b> , 12, e059994	3	2
278	Paradoxical sex-specific patterns of autoantibody response to SARS-CoV-2 infection.. <i>Journal of Translational Medicine</i> , <b>2021</b> , 19, 524	8.5	1

277	The Impact of a High-risk Psychosocial Assessment on Outcomes After Durable Mechanical Circulatory Support. <i>ASAIO Journal</i> , <b>2021</b> , 67, 436-442	3.6	0
276	Matrix Gla Protein Levels Are Associated With Arterial Stiffness and Incident Heart Failure With Preserved Ejection Fraction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2021</b> , ATVBAHA121316664	9.4	0
275	Longitudinal SARS-CoV-2 mRNA vaccine-induced humoral immune responses in cancer patients. <i>Cancer Research</i> , <b>2021</b> ,	10.1	5
274	Antibody Responses After SARS-CoV-2 mRNA Vaccination in Adults With Inflammatory Bowel Disease. <i>Annals of Internal Medicine</i> , <b>2021</b> ,	8	14
273	Sex- and Age-Based Temporal Trends in Takotsubo Syndrome Incidence in the United States. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e019583	6	1
272	Sudden Cardiac Arrest Due to Ascending Aortic Thrombus Originating From Penetrating Aortic Ulcer. <i>JACC: Case Reports</i> , <b>2021</b> , 3, 1617-1621	1.2	
271	Deep learning evaluation of biomarkers from echocardiogram videos. <i>EBioMedicine</i> , <b>2021</b> , 73, 103613	8.8	1
270	Symptomology following mRNA vaccination against SARS-CoV-2. <i>Preventive Medicine</i> , <b>2021</b> , 153, 106860	4.3	0
269	Retinal Venular Tortuosity Jointly with Retinal Amyloid Burden Correlates with Verbal Memory Loss: A Pilot Study. <i>Cells</i> , <b>2021</b> , 10,	7.9	2
268	Cardiovascular Risk Factors are Associated with Future Cancer. <i>JACC: CardioOncology</i> , <b>2021</b> , 3, 48-58	3.8	17
267	Risk factor control across the spectrum of cardiovascular risk: Findings from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>American Journal of Preventive Cardiology</i> , <b>2021</b> , 5, 100147	1.9	1
266	Adverse Events Following SARS-CoV-2 mRNA Vaccination Among Patients with Inflammatory Bowel Disease <b>2021</b> ,		2
265	COVID-19 illness in relation to sleep and burnout. <i>BMJ Nutrition, Prevention and Health</i> , <b>2021</b> , 4, 132-139	6.7	19
264	Temporal variations in the severity of COVID-19 illness by race and ethnicity. <i>BMJ Nutrition, Prevention and Health</i> , <b>2021</b> , 4, 166-173	6.7	1
263	Early-but Not Late-Onset Hypertension Is Related to Midlife Cognitive Function. <i>Hypertension</i> , <b>2021</b> , 77, 972-979	8.5	6
262	Polygenic Risk Scores Predict Hypertension Onset and Cardiovascular Risk. <i>Hypertension</i> , <b>2021</b> , 77, 1119-1127	8.3	10
261	Clinical Correlates of Early-Onset Hypertension. <i>American Journal of Hypertension</i> , <b>2021</b> , 34, 915-918	2.3	2
260	Patient Use and Clinical Practice Patterns of Remote Cardiology Clinic Visits in the Era of COVID-19. <i>JAMA Network Open</i> , <b>2021</b> , 4, e214157	10.4	16

259	Shared Genetic and Environmental Architecture of Cardiac Phenotypes Assessed via Echocardiography: The Framingham Heart Study. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003244	5.2	0
258	Circulating growth factors and cardiac remodeling in the community: The Framingham Heart Study. <i>International Journal of Cardiology</i> , <b>2021</b> , 329, 217-224	3.2	1
257	Antibody responses to the BNT162b2 mRNA vaccine in individuals previously infected with SARS-CoV-2. <i>Nature Medicine</i> , <b>2021</b> , 27, 981-984	50.5	261
256	Associations of healthy food choices with gut microbiota profiles. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 605-616	7	8
255	Taxonomic signatures of cause-specific mortality risk in human gut microbiome. <i>Nature Communications</i> , <b>2021</b> , 12, 2671	17.4	16
254	Adverse Events After SARS-CoV-2 mRNA Vaccination Among Patients With Inflammatory Bowel Disease. <i>American Journal of Gastroenterology</i> , <b>2021</b> , 116, 1746-1751	0.7	15
253	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> , <b>2021</b> , 4, 257-266	6.7	42
252	Improving Efficiency of the Barbershop Model of Hypertension Care for Black Men With Virtual Visits. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e020796	6	1
251	Low Carbohydrate Diets and Estimated Cardiovascular and Metabolic Syndrome Risk in Prostate Cancer. <i>Journal of Urology</i> , <b>2021</b> , 206, 1411-1419	2.5	0
250	Nontargeted mass spectrometry of dried blood spots for interrogation of the human circulating metabolome. <i>Journal of Mass Spectrometry</i> , <b>2021</b> , 56, e4772	2.2	1
249	Left ventricular circumferential strain and coronary microvascular dysfunction: A report from the Women's Ischemia Syndrome Evaluation Coronary Vascular Dysfunction (WISE-CVD) Project. <i>International Journal of Cardiology</i> , <b>2021</b> , 327, 25-30	3.2	3
248	Refining Safe Contrast Limits for Preventing Acute Kidney Injury After Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e018890	6	3
247	BCG vaccination history associates with decreased SARS-CoV-2 seroprevalence across a diverse cohort of health care workers. <i>Journal of Clinical Investigation</i> , <b>2021</b> , 131,	15.9	62
246	A Machine Learning Algorithm Predicts Duration of hospitalization in COVID-19 patients. <i>Intelligence-based Medicine</i> , <b>2021</b> , 5, 100035	2.7	5
245	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> , <b>2021</b> , 6,	6.6	21
244	Seroprevalence of antibodies to SARS-CoV-2 in healthcare workers: a cross-sectional study. <i>BMJ Open</i> , <b>2021</b> , 11, e043584	3	15
243	Longitudinal associations of blood pressure with aortic stiffness and pulsatility: the Atherosclerosis Risk in Communities Study. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 987-993	1.9	1
242	Sex Differences in Blood Pressure Associations With Cardiovascular Outcomes. <i>Circulation</i> , <b>2021</b> , 143, 761-763	16.7	30

241	Heart Disease and Stroke Statistics-2021 Update: A Report From the American Heart Association. <i>Circulation</i> , <b>2021</b> , 143, e254-e743	16.7	1087
240	Association of lung diffusion capacity with cardiac remodeling and risk of heart failure: The Framingham heart study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246355	3.7	
239	Pseudo-safety in a cohort of patients with COVID-19 discharged home from the emergency department. <i>Emergency Medicine Journal</i> , <b>2021</b> , 38, 304-307	1.5	2
238	Angiotensin II blockers improve cardiac coronary flow under hemodynamic pressure overload. <i>Hypertension Research</i> , <b>2021</b> , 44, 803-812	4.7	1
237	Prior COVID-19 Infection and Antibody Response to Single Versus Double Dose mRNA SARS-CoV-2 Vaccination <b>2021</b> ,		12
236	Artificial Intelligence in Computer Vision: Cardiac MRI and Multimodality Imaging Segmentation. <i>Current Cardiovascular Risk Reports</i> , <b>2021</b> , 15, 1	0.9	0
235	Decreased Antibody Responses to Ad26.COVS.2 Relative to SARS-CoV-2 mRNA Vaccines in Patients With Inflammatory Bowel Disease. <i>Gastroenterology</i> , <b>2021</b> , 161, 2041-2043.e1	13.3	11
234	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> , <b>2021</b> , 18, 2554-2556	15.4	30
233	Practice Patterns and Patient Outcomes After Widespread Adoption of Remote Heart Failure Care. <i>Circulation: Heart Failure</i> , <b>2021</b> , 14, e008573	7.6	4
232	Detection of subclinical atherosclerosis from PET-CT in patients with breast cancer. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2021</b> ,	2.8	0
231	Associations of Insulin Resistance With Systolic and Diastolic Blood Pressure: A Study From the HCHS/SOL. <i>Hypertension</i> , <b>2021</b> , 78, 716-725	8.5	0
230	Resistance to antihypertensive treatment and long-term risk: The Atherosclerosis Risk in Communities study. <i>Journal of Clinical Hypertension</i> , <b>2021</b> , 23, 1887-1896	2.3	1
229	Sex Differences in Genetic Risk for Hypertension. <i>Hypertension</i> , <b>2021</b> , 78, 1153-1155	8.5	2
228	Standardized Workflow for Precise Mid- and High-Throughput Proteomics of Blood Biofluids. <i>Clinical Chemistry</i> , <b>2021</b> ,	5.5	7
227	Obesity Duration, Severity, and Distribution Trajectories and Cardiovascular Disease Risk in the Atherosclerosis Risk in Communities Study. <i>Journal of the American Heart Association</i> , <b>2021</b> , e019946	6	1
226	The T-cell clonal response to SARS-CoV-2 vaccination in inflammatory bowel disease patients is augmented by anti-TNF therapy and often deficient in antibody-responders. <b>2021</b> ,		2
225	Efficacy of clinical evaluations for COVID-19 on the front line. <i>International Journal of Emergency Medicine</i> , <b>2020</b> , 13, 54	3.9	
224	Association of subclinical atherosclerosis with echocardiographic indices of cardiac remodeling: The Framingham Study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0233321	3.7	2

223	Experience With Hydroxychloroquine and Azithromycin in the Coronavirus Disease 2019 Pandemic: Implications for QT Interval Monitoring. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e017144	6	85
222	Mid- to Late-Life Time-Averaged Cumulative Blood Pressure and Late-Life Cardiac Structure, Function, and Heart Failure. <i>Hypertension</i> , <b>2020</b> , 76, 808-818	8.5	5
221	Resting coronary velocity and myocardial performance in women with impaired coronary flow reserve: Results from the Women's Ischemia Syndrome Evaluation-Coronary Vascular Dysfunction (WISE-CVD) study. <i>International Journal of Cardiology</i> , <b>2020</b> , 309, 19-22	3.2	5
220	Angiotensin Receptor-Nephrilysin Inhibitor Therapy Reverses Pulmonary Hypertension in End-Stage Heart Failure Patients Awaiting Transplantation. <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e006696	7.6	13
219	Body mass index and B-lines on lung ultrasonography in chronic and acute heart failure. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 1201-1209	3.7	10
218	Longitudinal blood pressure patterns and cardiovascular disease risk. <i>Annals of Medicine</i> , <b>2020</b> , 52, 43-54.	4.5	9
217	Cardiometabolic Risk-Related Blood Pressure Trajectories Differ by Sex. <i>Hypertension</i> , <b>2020</b> , 75, e6-e9	8.5	5
216	Sex Differences in Blood Pressure Trajectories Over the Life Course. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 19-26	16.2	94
215	Heart Disease and Stroke Statistics-2020 Update: A Report From the American Heart Association. <i>Circulation</i> , <b>2020</b> , 141, e139-e596	16.7	2824
214	Breaking through the surface: more to learn about lipids and cardiovascular disease. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 1084-1086	15.9	3
213	High-throughput digitization of analog human echocardiography data. <i>MethodsX</i> , <b>2020</b> , 7, 101159	1.9	
212	Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0243199	3.7	4
211	Prognostic Significance of Echocardiographic Measures of Cardiac Remodeling. <i>Journal of the American Society of Echocardiography</i> , <b>2020</b> , 33, 72-81.e6	5.8	8
210	Circulating branched-chain amino acids and long-term risk of obesity-related cancers in women. <i>Scientific Reports</i> , <b>2020</b> , 10, 16534	4.9	11
209	An Early-Onset Subgroup of Type 2 Diabetes: A Multigenerational, Prospective Analysis in the Framingham Heart Study. <i>Diabetes Care</i> , <b>2020</b> , 43, 3086-3093	14.6	2
208	Metabolomic signatures of cardiac remodelling and heart failure risk in the community. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 3707	3.7	9
207	E-Cigarette Use and Subclinical Cardiac Effects. <i>Circulation Research</i> , <b>2020</b> , 127, 1566-1567	15.7	1
206	Low Carbohydrate Diets in Men with Prostate Cancer May Reduce Risk of Cardiovascular Disease. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 332-332	0.4	78

205	The association of non-alcoholic fatty liver disease and cardiac structure and function-Framingham Heart Study. <i>Liver International</i> , <b>2020</b> , 40, 2445-2454	7.9	9
204	Pre-existing traits associated with Covid-19 illness severity. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236240	3.7	69
203	Association Between the Gut Microbiota and Blood Pressure in a Population Cohort of 6953 Individuals. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e016641	6	26
202	One-Year Effects of Omega-3 Treatment on Fatty Acids, Oxylipins, and Related Bioactive Lipids and Their Associations with Clinical Lipid and Inflammatory Biomarkers: Findings from a Substudy of the Vitamin D and Omega-3 Trial (VITAL). <i>Metabolites</i> , <b>2020</b> , 10,	5.6	4
201	Association of Exhaled Carbon Monoxide With Ideal Cardiovascular Health, Circulating Biomarkers, and Incidence of Heart Failure in the Framingham Offspring Study. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e016762	6	1
200	Eicosanoid Inflammatory Mediators Are Robustly Associated With Blood Pressure in the General Population. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e017598	6	6
199	Age of Hypertension Onset: Overview of Research and How to Apply in Practice. <i>Current Hypertension Reports</i> , <b>2020</b> , 22, 68	4.7	4
198	Biometric and Psychometric Remote Monitoring and Cardiovascular Risk Biomarkers in Ischemic Heart Disease. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e016023	6	4
197	Self-reported Age of Hypertension Onset and Hypertension-Mediated Organ Damage in Middle-Aged Individuals. <i>American Journal of Hypertension</i> , <b>2020</b> , 33, 644-651	2.3	3
196	Association of the Mediterranean Diet With Onset of Diabetes in the Women's Health Study. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2025466	10.4	6
195	Pre-existing traits associated with Covid-19 illness severity <b>2020</b> , 15, e0236240		
194	Pre-existing traits associated with Covid-19 illness severity <b>2020</b> , 15, e0236240		
193	Pre-existing traits associated with Covid-19 illness severity <b>2020</b> , 15, e0236240		
192	Pre-existing traits associated with Covid-19 illness severity <b>2020</b> , 15, e0236240		
191	Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study <b>2020</b> , 15, e0243199		
190	Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study <b>2020</b> , 15, e0243199		
189	Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study <b>2020</b> , 15, e0243199		
188	Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study <b>2020</b> , 15, e0243199		



187	Deep Neural Networks for Classification of LC-MS Spectral Peaks. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 12407-12413	40
186	Association of Circulating Ceramides With Cardiac Structure and Function in the Community: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013050	6 19
185	Heart Disease and Stroke Statistics-2019 Update: A Report From the American Heart Association. <i>Circulation</i> , <b>2019</b> , 139, e56-e528	16.7 3937
184	Greater Adherence to Life's Simple 7 Is Associated With Less Arterial Stiffness: the Atherosclerosis Risk in Communities (ARIC) Study. <i>American Journal of Hypertension</i> , <b>2019</b> , 32, 769-776	2.3 8
183	Central and peripheral pulse wave velocity and subclinical myocardial stress and damage in older adults. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212892	3.7 9
182	Circulating microRNAs, Vascular Risk, and Physical Activity in Spinal Cord-Injured Subjects. <i>Journal of Neurotrauma</i> , <b>2019</b> , 36, 845-852	5.4 14
181	Metabolomics Analytics Workflow for Epidemiological Research: Perspectives from the Consortium of Metabolomics Studies (COMETS). <i>Metabolites</i> , <b>2019</b> , 9,	5.6 16
180	Interrelations Between Arterial Stiffness, Target Organ Damage, and Cardiovascular Disease Outcomes. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e012141	6 39
179	Statistical Workflow for Feature Selection in Human Metabolomics Data. <i>Metabolites</i> , <b>2019</b> , 9,	5.6 25
178	GWAS of QRS duration identifies new loci specific to Hispanic/Latino populations. <i>PLoS ONE</i> , <b>2019</b> , 14, e0217796	3.7 3
177	Early Onset Hypertension Is Associated With Hypertensive End-Organ Damage Already by MidLife. <i>Hypertension</i> , <b>2019</b> , HYPERTENSIONAHA11913069	8.5 21
176	A Single Visualization Technique for Displaying Multiple Metabolite-Phenotype Associations. <i>Metabolites</i> , <b>2019</b> , 9,	5.6 9
175	Risk factor-based subphenotyping of heart failure in the community. <i>PLoS ONE</i> , <b>2019</b> , 14, e0222886	3.7 5
174	Sex Differences in the Cardiac Effects of Early-Onset Hypertension. <i>Hypertension</i> , <b>2019</b> , 74, e52-e53	8.5 1
173	Development and Evaluation of Novel Electronic Medical Record Tools For Avoiding Bleeding After Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013954	6 2
172	Coronary Microvascular Dysfunction Causing Cardiac Ischemia in Women. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 2334-2335	27.4 17
171	HFE H63D Polymorphism and the Risk for Systemic Hypertension, Myocardial Remodeling, and Adverse Cardiovascular Events in the ARIC Study. <i>Hypertension</i> , <b>2019</b> , 73, 68-74	8.5 2
170	Directed Non-targeted Mass Spectrometry and Chemical Networking for Discovery of Eicosanoids and Related Oxylipins. <i>Cell Chemical Biology</i> , <b>2019</b> , 26, 433-442.e4	8.2 35



169	High-Throughput Measure of Bioactive Lipids Using Non-targeted Mass Spectrometry. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1862, 17-35	1.4	13
168	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> , <b>2018</b> , 24, 219-226	3.3	26
167	Right atrial structure and function in patients with hypertension and with chronic heart failure. <i>Echocardiography</i> , <b>2018</b> , 35, 905-914	1.5	2
166	Adiposity, body composition and ventricular-arterial stiffness in the elderly: the Atherosclerosis Risk in Communities Study. <i>European Journal of Heart Failure</i> , <b>2018</b> , 20, 1191-1201	12.3	22
165	Association of carotid atherosclerosis and stiffness with abdominal aortic aneurysm: The atherosclerosis risk in communities (ARIC) study. <i>Atherosclerosis</i> , <b>2018</b> , 270, 110-116	3.1	12
164	Ideal Cardiovascular Health and the Prevalence and Severity of Aortic Stenosis in Elderly Patients. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	20
163	Heart Disease and Stroke Statistics-2018 Update: A Report From the American Heart Association. <i>Circulation</i> , <b>2018</b> , 137, e67-e492	16.7	3848
162	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> , <b>2018</b> , 3, 200-206	16.2	28
161	Lifetime Prevalence and Prognosis of Prediabetes Without Progression to Diabetes. <i>Diabetes Care</i> , <b>2018</b> , 41, e117-e118	14.6	18
160	Association of Left Atrial Function Index with Atrial Fibrillation and Cardiovascular Disease: The Framingham Offspring Study. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	35
159	Widening Racial Differences in Risks for Coronary Heart Disease. <i>Circulation</i> , <b>2018</b> , 137, 1195-1197	16.7	11
158	Trajectories of Blood Pressure Elevation Preceding Hypertension Onset: An Analysis of the Framingham Heart Study Original Cohort. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 427-431	16.2	18
157	Epidemiology of Left Ventricular Systolic Dysfunction and Heart Failure in the Framingham Study: An Echocardiographic Study Over 3 Decades. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 1-11	8.4	95
156	Association of Circulating Adipokines With Echocardiographic Measures of Cardiac Structure and Function in a Community-Based Cohort. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	12
155	Circulating Branched-Chain Amino Acids and Incident Cardiovascular Disease in a Prospective Cohort of US Women. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e002157	5.2	79
154	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> , <b>2018</b> , 39, 3253-3261	9.5	26
153	Dietary carbohydrate intake and mortality: a prospective cohort study and meta-analysis. <i>Lancet Public Health</i> , <b>2018</b> , 3, e419-e428	22.4	294
152	Genetic Variants in SGLT1, Glucose Tolerance, and Cardiometabolic Risk. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 1763-1773	15.1	34

151	Age- and Sex-Related Influences on Left Ventricular Mechanics in Elderly Individuals Free of Prevalent Heart Failure: The ARIC Study (Atherosclerosis Risk in Communities). <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10,	3.9	46
150	Visualization, Quantification, and Alignment of Spectral Drift in Population Scale Untargeted Metabolomics Data. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 1399-1404	7.8	29
149	Race-Related Differences in Left Ventricular Structural and Functional Remodeling in Response to Increased Afterload: The ARIC Study. <i>JACC: Heart Failure</i> , <b>2017</b> , 5, 157-165	7.9	24
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5	Taxonomic Signatures of Long-Term Mortality Risk in Human Gut Microbiota		18
4	Early prediction of liver disease using conventional risk factors and gut microbiome-augmented gradient boosting		10
3	An Opportune and Relevant Design for Studying the Health Trajectories of Healthcare Workers		3
2	Genome-wide association and Mendelian randomization analysis prioritizes bioactive metabolites with putative causal effects on common diseases		4
1	Left atrial inflow propagation velocity derived by color M-mode Doppler in acute heart failure. <i>International Journal of Cardiovascular Imaging</i> ,1		