Yi-An Ko

List of Publications by Year
in descending order

88 papers	2,670 citations	201674 27 h-index	214800 47 g-index
89 all docs	89 docs citations	89 times ranked	5067 citing authors

#	Article	IF	Citations
1	Soluble Urokinase Receptor and Chronic Kidney Disease. New England Journal of Medicine, 2015, 373, 1916-1925.	27.0	338
2	Intravenous Allogeneic Mesenchymal Stem Cells for Nonischemic Cardiomyopathy. Circulation Research, 2017, 120, 332-340.	4.5	144
3	High Coronary Shear Stress in Patients With Coronary Artery Disease Predicts Myocardial Infarction. Journal of the American College of Cardiology, 2018, 72, 1926-1935.	2.8	124
4	Novel Biomarker of Oxidative Stress Is Associated With Risk of Death in Patients With Coronary Artery Disease. Circulation, 2016, 133, 361-369.	1.6	115
5	Association between oxidative stress and atrial fibrillation. Heart Rhythm, 2017, 14, 1849-1855.	0.7	90
6	Platelets confound the measurement of extracellular miRNA in archived plasma. Scientific Reports, 2016, 6, 32651.	3.3	84
7	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. Lancet Diabetes and Endocrinology,the, 2017, 5, 534-543.	11.4	84
8	Association Between High-Density Lipoprotein Cholesterol Levels and Adverse Cardiovascular Outcomes in High-risk Populations. JAMA Cardiology, 2022, 7, 672.	6.1	66
9	Hemodynamic, catecholamine, vasomotor and vascular responses: Determinants of myocardial ischemia during mental stress. International Journal of Cardiology, 2017, 243, 47-53.	1.7	64
10	Genetically determined NLRP3 inflammasome activation associates with systemic inflammation and cardiovascular mortality. European Heart Journal, 2021, 42, 1742-1756.	2.2	63
11	Telomere Shortening, Regenerative Capacity, and Cardiovascular Outcomes. Circulation Research, 2017, 120, 1130-1138.	4.5	59
12	Association Between Living in Food Deserts and Cardiovascular Risk. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	2.2	57
13	Living in Food Deserts and Adverse Cardiovascular Outcomes in Patients With Cardiovascular Disease. Journal of the American Heart Association, 2019, 8, e010694.	3.7	57
14	Quantifying acute physiological biomarkers of transcutaneous cervical vagal nerve stimulation in the context of psychological stress. Brain Stimulation, 2020, 13, 47-59.	1.6	54
15	Low Coronary Wall Shear Stress Is Associated With Severe Endothelial Dysfunction in Patients With Nonobstructive Coronary Artery Disease. JACC: Cardiovascular Interventions, 2018, 11, 2072-2080.	2.9	52
16	Association of Mental Stress–Induced Myocardial Ischemia With Cardiovascular Events in Patients With Coronary Heart Disease. JAMA - Journal of the American Medical Association, 2021, 326, 1818.	7.4	52
17	Association of Transient Endothelial Dysfunction Induced by Mental Stress With Major Adverse Cardiovascular Events in Men and Women With Coronary Artery Disease. JAMA Cardiology, 2019, 4, 988.	6.1	51
18	Temporal trends in the association of social vulnerability and race/ethnicity with county-level COVID-19 incidence and outcomes in the USA: an ecological analysis. BMJ Open, 2021, 11, e048086.	1.9	48

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19	Age and Human Regenerative Capacity Impact of Cardiovascular Risk Factors. Circulation Research, 2016, 119, 801-809.	4.5	46
20	Validation Study of Maternal Recall on Breastfeeding Duration 6 Years After Childbirth. Journal of Human Lactation, 2017, 33, 390-400.	1.6	44
21	Circulating Progenitor Cells Identify Peripheral Arterial Disease in Patients With Coronary Artery Disease. Circulation Research, 2016, 119, 564-571.	4.5	42
22	Inflammatory response to mental stress and mental stress induced myocardial ischemia. Brain, Behavior, and Immunity, 2018, 68, 90-97.	4.1	41
23	Progenitor Cells and Clinical Outcomes in Patients With Heart Failure. Circulation: Heart Failure, 2017, 10, .	3.9	40
24	Depression and chest pain in patients with coronary artery disease. International Journal of Cardiology, 2017, 230, 420-426.	1.7	37
25	Race/Ethnic and Sex Differences in the Association of Atherosclerotic Cardiovascular Disease Risk and Healthy Lifestyle Behaviors. Journal of the American Heart Association, 2018, 7, .	3.7	36
26	Relation of Changes in Body Fat Distribution to Oxidative Stress. American Journal of Cardiology, 2017, 120, 2289-2293.	1.6	33
27	Assessment of Commonly Used Frailty Markers for High- and Extreme-Risk Patients Undergoing Transcatheter Aortic Valve Replacement. Annals of Thoracic Surgery, 2017, 104, 1939-1946.	1.3	30
28	Transcutaneous cervical vagal nerve stimulation reduces sympathetic responses to stress in posttraumatic stress disorder: A double-blind, randomized, sham controlled trial. Neurobiology of Stress, 2020, 13, 100264.	4.0	30
29	Low Educational Attainment is a Predictor of Adverse Outcomes in Patients With Coronary Artery Disease. Journal of the American Heart Association, 2019, 8, e013165.	3.7	28
30	Circulating soluble urokinase plasminogen activator receptor levels and peripheral arterial disease outcomes. Atherosclerosis, 2017, 264, 108-114.	0.8	27
31	Cohort profile: the Emory Cardiovascular Biobank (EmCAB). BMJ Open, 2017, 7, e018753.	1.9	26
32	Non-invasive vagal nerve stimulation decreases brain activity during trauma scripts. Brain Stimulation, 2020, 13, 1333-1348.	1.6	26
33	Peripheral Vasoconstriction During Mental Stress and Adverse Cardiovascular Outcomes in Patients With Coronary Artery Disease. Circulation Research, 2019, 125, 874-883.	4.5	24
34	Neighborhood Socioeconomic Status and Adverse Outcomes in Patients With Cardiovascular Disease. American Journal of Cardiology, 2019, 123, 284-290.	1.6	24
35	Cardiovascular Disease Biomarkers and suPAR in Predicting Decline in Renal Function: A Prospective Cohort Study. Kidney International Reports, 2017, 2, 425-432.	0.8	23
36	Neighborhood poverty and hemodynamic, neuroendocrine, and immune response to acute stress among patients with coronary artery disease. Psychoneuroendocrinology, 2019, 100, 145-155.	2.7	22

#	ARTICLE	IF	CITATIONS
37	Sex differences in the inflammatory response to stress and risk of adverse cardiovascular outcomes among patients with coronary heart disease. Brain, Behavior, and Immunity, 2020, 90, 294-302.	4.1	22
38	Pathway-Specific Aggregate Biomarker Risk Score Is Associated With Burden of Coronary Artery Disease and Predicts Near-Term Risk of Myocardial Infarction and Death. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	2.2	21
39	Individual Characteristics of Resilience are Associated With Lower‐Than‐Expected Neighborhood Rates of Cardiovascular Disease in Blacks: Results From the Morehouse‐Emory Cardiovascular (MECA) Center for Health Equity Study. Journal of the American Heart Association, 2019, 8, e011633.	3.7	19
40	Neighborhood characteristics and ideal cardiovascular health among Black adults: results from the Morehouse-Emory Cardiovascular (MECA) Center for Health Equity. Annals of Epidemiology, 2022, 65, 120.e1-120.e10.	1.9	19
41	Circulating Progenitor Cells and Racial Differences. Circulation Research, 2018, 123, 467-476.	4.5	18
42	Untargeted high-resolution plasma metabolomic profiling predicts outcomes in patients with coronary artery disease. PLoS ONE, 2020, 15, e0237579.	2.5	18
43	N8‐Acetylspermidine: A Polyamine Biomarker in Ischemic Cardiomyopathy With Reduced Ejection Fraction. Journal of the American Heart Association, 2020, 9, e016055.	3.7	18
44	Transcutaneous vagal nerve stimulation blocks stress-induced activation of Interleukin-6 and interferon-γ in posttraumatic stress disorder: A double-blind, randomized, sham-controlled trial. Brain, Behavior, & Immunity - Health, 2020, 9, 100138.	2.5	17
45	Cardiovascular Risk and Resilience Among Black Adults: Rationale and Design of the MECA Study. Journal of the American Heart Association, 2020, 9, e015247.	3.7	17
46	Effects of a Health‐Partner Intervention on Cardiovascular Risk. Journal of the American Heart Association, 2016, 5, .	3.7	16
47	Use of High-Sensitivity Cardiac Troponin for the Exclusion of Inducible Myocardial Ischemia. Annals of Internal Medicine, 2018, 169, 751.	3.9	16
48	Sleep Duration and Mortality in Patients With Coronary Artery Disease. American Journal of Cardiology, 2019, 123, 874-881.	1.6	16
49	Sex Differences in Circulating Soluble Urokinase‐Type Plasminogen Activator Receptor (suPAR) Levels and Adverse Outcomes in Coronary Artery Disease. Journal of the American Heart Association, 2020, 9, e015457.	3.7	16
50	Sleep-Disordered Breathing and Cardiovascular Correlates in College Football Players. American Journal of Cardiology, 2017, 120, 1410-1415.	1.6	15
51	Racial Differences in Diuretic Efficiency, Plasma Renin, and Rehospitalization in Subjects With Acute Heart Failure. Circulation: Heart Failure, 2020, 13, e006827.	3.9	15
52	Soluble Urokinase‐Type Plasminogen Activator Receptor and High‐Sensitivity Troponin Levels Predict Outcomes in Nonobstructive Coronary Artery Disease. Journal of the American Heart Association, 2020, 9, e015515.	3.7	15
53	Gender Differences in Mortality After Left Ventricular Assist Device Implant: A Causal Mediation Analysis Approach. ASAIO Journal, 2021, 67, 614-621.	1.6	15
54	Relation of Neighborhood Disadvantage to Heart Failure Symptoms and Hospitalizations. American Journal of Cardiology, 2021, 140, 83-90.	1.6	14

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55	Impaired Peripheral Microvascular Function and Risk of Major Adverse Cardiovascular Events in Patients With Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1801-1809.	2.4	14
56	Individual Psychosocial Resilience, Neighborhood Context, and Cardiovascular Health in Black Adults. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e006638.	2.2	14
57	Comparison of the Association Between High-Sensitivity Troponin I and Adverse Cardiovascular Outcomes in Patients With Versus Without Chronic Kidney Disease. American Journal of Cardiology, 2018, 121, 1461-1466.	1.6	11
58	Association Between Early Trauma and Ideal Cardiovascular Health Among Black Americans. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e007904.	2.2	11
59	Posttraumatic Stress Disorder, Myocardial Perfusion, and Myocardial Blood Flow: A Longitudinal Twin Study. Biological Psychiatry, 2022, 91, 615-625.	1.3	11
60	Statin therapy improves survival in patients with severe pulmonary hypertension: a propensity score matching study. Heart and Vessels, 2017, 32, 969-976.	1.2	10
61	Coronary Vascular Function and Cardiomyocyte Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 3015-3021.	2.4	10
62	Creation and Validation of a Novel Sex-Specific Mortality Risk Score in LVAD Recipients. Journal of the American Heart Association, 2021, 10, e020019.	3.7	9
63	Association of Depressive Symptoms with Sleep Disturbance: A Co-twin Control Study. Annals of Behavioral Medicine, 2022, 56, 245-256.	2.9	9
64	Classification and Clustering Methods for Multiple Environmental Factors in Gene–Environment Interaction. Epidemiology, 2016, 27, 870-878.	2.7	8
65	Vascular Regenerative Capacity and the Obesity Paradox in Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2097-2108.	2.4	7
66	Circulating Progenitor Cells and Cognitive Impairment in Men and Women with Coronary Artery Disease. Journal of Alzheimer's Disease, 2020, 74, 659-668.	2.6	6
67	Transcutaneous Cervical Vagal Nerve Stimulation in Patients with Posttraumatic Stress Disorder (PTSD): A Pilot Study of Effects on PTSD Symptoms and Interleukin-6 Response to Stress. Journal of Affective Disorders Reports, 2021, 6, 100190.	1.7	6
68	Degenerative mitral regurgitation predicts worse outcomes in patients undergoing transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2018, 92, 574-582.	1.7	5
69	Mechanisms underlying the J-curve for diastolic blood pressure: Subclinical myocardial injury and immune activation. International Journal of Cardiology, 2019, 276, 255-260.	1.7	5
70	Circulating Progenitor Cells in Patients With Coronary Artery Disease and Renal Insufficiency. JACC Basic To Translational Science, 2020, 5, 770-782.	4.1	5
71	Impact of Technology-Based Intervention for Improving Self-Management Behaviors in Black Adults with Poor Cardiovascular Health: A Randomized Control Trial. International Journal of Environmental Research and Public Health, 2021, 18, 3660.	2.6	5
72	Understanding preferences regarding consent for pragmatic trials in acute care. Clinical Trials, 2018, 15, 567-578.	1.6	4

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73	Validating patient prioritization in the 2018 Revised United Network for Organ Sharing Heart Allocation System: A single‐center experience. Clinical Transplantation, 2020, 34, e13816.	1.6	4
74	Relation of High-sensitivity Cardiac Troponin I Elevation With Exercise to Major Adverse Cardiovascular Events in Patients With Coronary Artery Disease. American Journal of Cardiology, 2020, 136, 1-8.	1.6	4
75	Identifying neighbourhood and individual resilience profiles for cardiovascular health: a cross-sectional study of blacks living in the Atlanta metropolitan area. BMJ Open, 2021, 11, e041435.	1.9	3
76	Associations Between Inflammation, Cardiovascular Regenerative Capacity, and Cardiovascular Events: A Cohort Study. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2814-2822.	2.4	3
77	Association of physical activity with arterial stiffness among Black adults. Vascular Medicine, 2022, 27, 13-20.	1.5	3
78	The temporal relationships between sleep disturbance and autonomic dysregulation: A co-twin control study. International Journal of Cardiology, 2022, 362, 176-182.	1.7	3
79	Ethnic differences in subclinical vascular function in South Asians, Whites, and African Americans in the United States. IJC Heart and Vasculature, 2020, 30, 100598.	1.1	2
80	Rationale and design of the granulocyte-macrophage colony stimulating factor in peripheral arterial disease (GPAD-3) study. Contemporary Clinical Trials, 2020, 91, 105975.	1.8	2
81	Reframing Recruitment: Evaluating Framing in Authorization for Research Contact Programs. AJOB Empirical Bioethics, 2021, 12, 206-213.	1.6	2
82	ILRUN Promotes Atherosclerosis Through Lipid-Dependent and Lipid-Independent Factors. Arteriosclerosis, Thrombosis, and Vascular Biology, 0, , .	2.4	2
83	Comparison of physical examination and laboratory data between a clinical study and electronic health records. PLoS ONE, 2020, 15, e0236189.	2.5	1
84	Framing Benefits in Decision Aids: Effects of Varying Contextualizing Statements on Decisions About Sacubitril-Valsartan for Heart Failure. MDM Policy and Practice, 2021, 6, 238146832110416.	0.9	1
85	Developing a synthetic control group using electronic health records: Application to a single-arm lifestyle intervention study. Preventive Medicine Reports, 2021, 24, 101572.	1.8	1
86	Prevalence and Predictors of Inflammation in Pregnant Women: Multi-Country Analysis From BRINDA Project. Current Developments in Nutrition, 2022, 6, 924.	0.3	1
87	Usefulness of Restless Legs Symptoms to Predict Adverse Cardiovascular Outcomes in Men With Coronary Artery Disease. American Journal of Cardiology, 2022, 162, 41-48.	1.6	0
88	Risk Factors Associated With New-Onset Myocardial Perfusion Abnormalities in Kidney Transplant Candidates. American Journal of Cardiology, 2022, , .	1.6	0