

Jennifer E Ho

List of Publications by Citations

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132
papers

7,938
citations

47
h-index

88
g-index

162
ext. papers

10,860
ext. citations

9.1
avg, IF

5.64
L-index

#	Paper	IF	Citations
132	Risk of incident diabetes with intensive-dose compared with moderate-dose statin therapy: a meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 305, 2556-64	27.4	944
131	Galectin-3, a marker of cardiac fibrosis, predicts incident heart failure in the community. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1249-56	15.1	405
130	Atrial Fibrillation Begets Heart Failure and Vice Versa: Temporal Associations and Differences in Preserved Versus Reduced Ejection Fraction. <i>Circulation</i> , 2016 , 133, 484-92	16.7	337
129	Prognostic utility of novel biomarkers of cardiovascular stress: the Framingham Heart Study. <i>Circulation</i> , 2012 , 126, 1596-604	16.7	334
128	2-Aminoadipic acid is a biomarker for diabetes risk. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4309-17	15.9	281
127	Predictors of new-onset diabetes in patients treated with atorvastatin: results from 3 large randomized clinical trials. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 1535-45	15.1	259
126	Cardiac dysfunction and noncardiac dysfunction as precursors of heart failure with reduced and preserved ejection fraction in the community. <i>Circulation</i> , 2011 , 124, 24-30	16.7	222
125	Predictors of new-onset heart failure: differences in preserved versus reduced ejection fraction. <i>Circulation: Heart Failure</i> , 2013 , 6, 279-86	7.6	205
124	Heart Disease and Stroke Statistics-2022 Update: A Report From the American Heart Association.. <i>Circulation</i> , 2022 , CIR0000000000001052	16.7	196
123	A genome-wide association study of the human metabolome in a community-based cohort. <i>Cell Metabolism</i> , 2013 , 18, 130-43	24.6	188
122	Using methods from the data-mining and machine-learning literature for disease classification and prediction: a case study examining classification of heart failure subtypes. <i>Journal of Clinical Epidemiology</i> , 2013 , 66, 398-407	5.7	167
121	Association of circulating endothelial microparticles with cardiometabolic risk factors in the Framingham Heart Study. <i>European Heart Journal</i> , 2014 , 35, 2972-9	9.5	142
120	Predicting Heart Failure With Preserved and Reduced Ejection Fraction: The International Collaboration on Heart Failure Subtypes. <i>Circulation: Heart Failure</i> , 2016 , 9,	7.6	133
119	Cardiovascular event reduction versus new-onset diabetes during atorvastatin therapy: effect of baseline risk factors for diabetes. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 148-52	15.1	130
118	The Association of Obesity and Cardiometabolic Traits With Incident HFpEF and HFrEF. <i>JACC: Heart Failure</i> , 2018 , 6, 701-709	7.9	128
117	Impact of HIV infection on diastolic function and left ventricular mass. <i>Circulation: Heart Failure</i> , 2010 , 3, 132-9	7.6	127
116	Galectin-3 Activation and Inhibition in Heart Failure and Cardiovascular Disease: An Update. <i>Theranostics</i> , 2018 , 8, 593-609	12.1	124

115	Distribution and clinical correlates of the interleukin receptor family member soluble ST2 in the Framingham Heart Study. <i>Clinical Chemistry</i> , 2012 , 58, 1673-81	5.5	124
114	Temporal Trends in the Incidence of and Mortality Associated With Heart Failure With Preserved and Reduced Ejection Fraction. <i>JACC: Heart Failure</i> , 2018 , 6, 678-685	7.9	117
113	Association of abacavir and impaired endothelial function in treated and suppressed HIV-infected patients. <i>Aids</i> , 2009 , 23, 2021-7	3.5	116
112	Association of Cardiovascular Biomarkers With Incident Heart Failure With Preserved and Reduced Ejection Fraction. <i>JAMA Cardiology</i> , 2018 , 3, 215-224	16.2	115
111	Metabolomic Profiles of Body Mass Index in the Framingham Heart Study Reveal Distinct Cardiometabolic Phenotypes. <i>PLoS ONE</i> , 2016 , 11, e0148361	3.7	115
110	Protein Biomarkers of Cardiovascular Disease and Mortality in the Community. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	114
109	Genome-wide mapping of plasma protein QTLs identifies putatively causal genes and pathways for cardiovascular disease. <i>Nature Communications</i> , 2018 , 9, 3268	17.4	111
108	Metabolite profiles during oral glucose challenge. <i>Diabetes</i> , 2013 , 62, 2689-98	0.9	104
107	Elevated galectin-3 precedes the development of CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 1470-7	12.7	96
106	Discriminating clinical features of heart failure with preserved vs. reduced ejection fraction in the community. <i>European Heart Journal</i> , 2012 , 33, 1734-41	9.5	90
105	Common genetic variation at the IL1RL1 locus regulates IL-33/ST2 signaling. <i>Journal of Clinical Investigation</i> , 2013 , 123, 4208-18	15.9	87
104	Galectin 3 and incident atrial fibrillation in the community. <i>American Heart Journal</i> , 2014 , 167, 729-34.e14.9	4.9	83
103	Distinct metabolomic signatures are associated with longevity in humans. <i>Nature Communications</i> , 2015 , 6, 6791	17.4	81
102	Clinical and genetic correlates of growth differentiation factor 15 in the community. <i>Clinical Chemistry</i> , 2012 , 58, 1582-91	5.5	81
101	Is diabetes mellitus a cardiovascular disease risk equivalent for fatal stroke in women? Data from the Women's Pooling Project. <i>Stroke</i> , 2003 , 34, 2812-6	6.7	80
100	Cardiovascular manifestations of HIV infection. <i>Heart</i> , 2009 , 95, 1193-202	5.1	79
99	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	6	73
98	Pulmonary Capillary Wedge Pressure Patterns During Exercise Predict Exercise Capacity and Incident Heart Failure. <i>Circulation: Heart Failure</i> , 2018 , 11, e004750	7.6	71

97	Biomarkers of cardiovascular stress and incident chronic kidney disease. <i>Clinical Chemistry</i> , 2013 , 59, 1613-20	5.5	70
96	Relation between soluble ST2, growth differentiation factor-15, and high-sensitivity troponin I and incident atrial fibrillation. <i>American Heart Journal</i> , 2014 , 167, 109-115.e2	4.9	63
95	The association of CD4+ T-cell counts and cardiovascular risk in treated HIV disease. <i>Aids</i> , 2012 , 26, 1115-20	3.9	60
94	Usefulness of heart rate at rest as a predictor of mortality, hospitalization for heart failure, myocardial infarction, and stroke in patients with stable coronary heart disease (Data from the Treating to New Targets [TNT] trial). <i>American Journal of Cardiology</i> , 2010 , 105, 905-11	3	59
93	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	6	58
92	Discovery and replication of novel blood pressure genetic loci in the Women's Genome Health Study. <i>Journal of Hypertension</i> , 2011 , 29, 62-9	1.9	57
91	Initiation of antiretroviral therapy at higher nadir CD4+ T-cell counts is associated with reduced arterial stiffness in HIV-infected individuals. <i>Aids</i> , 2010 , 24, 1897-905	3.5	57
90	Association of physical activity and heart failure with preserved vs. reduced ejection fraction in the elderly: the Framingham Heart Study. <i>European Journal of Heart Failure</i> , 2013 , 15, 742-6	12.3	54
89	Adipsin preserves beta cells in diabetic mice and associates with protection from type 2 diabetes in humans. <i>Nature Medicine</i> , 2019 , 25, 1739-1747	50.5	52
88	Preclinical Systolic and Diastolic Dysfunctions in Metabolically Healthy and Unhealthy Obese Individuals. <i>Circulation: Heart Failure</i> , 2015 , 8, 897-904	7.6	50
87	Stromal cell-derived factor 1 as a biomarker of heart failure and mortality risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2100-5	9.4	49
86	An exome array study of the plasma metabolome. <i>Nature Communications</i> , 2016 , 7, 12360	17.4	47
85	Predictors and outcomes of heart failure with mid-range ejection fraction. <i>European Journal of Heart Failure</i> , 2018 , 20, 651-659	12.3	46
84	Pre-emptive pangenotypic direct acting antiviral therapy in donor HCV-positive to recipient HCV-negative heart transplantation: an open-label study. <i>The Lancet Gastroenterology and Hepatology</i> , 2019 , 4, 771-780	18.8	45
83	Carotid intima-media thickness among human immunodeficiency virus-infected patients without coronary calcium. <i>American Journal of Cardiology</i> , 2012 , 109, 742-7	3	44
82	Galectin-3 Is Associated with Restrictive Lung Disease and Interstitial Lung Abnormalities. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 77-83	10.2	43
81	Differential Clinical Profiles, Exercise Responses, and Outcomes Associated With Existing HFpEF Definitions. <i>Circulation</i> , 2019 , 140, 353-365	16.7	41
80	Preclinical left ventricular diastolic dysfunction in metabolic syndrome. <i>American Journal of Cardiology</i> , 2014 , 114, 838-42	3	40

79	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	16.7	39
78	Sex-specific associations of obesity and N-terminal pro-B-type natriuretic peptide levels in the general population. <i>European Journal of Heart Failure</i> , 2018 , 20, 1205-1214	12.3	38
77	Sex Differences in Circulating Biomarkers of Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1543-1553	15.1	37
76	Serial galectin-3 and future cardiovascular disease in the general population. <i>Heart</i> , 2016 , 102, 1134-41	5.1	37
75	Soluble ST2 predicts elevated SBP in the community. <i>Journal of Hypertension</i> , 2013 , 31, 1431-6; discussion 1436	1.9	35
74	Impaired right ventricular hemodynamics indicate preclinical pulmonary hypertension in patients with metabolic syndrome. <i>Journal of the American Heart Association</i> , 2015 , 4, e001597	6	33
73	Exercise Pulmonary Hypertension Predicts Clinical Outcomes in Patients With Dyspnea on Effort. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 17-26	15.1	33
72	Longitudinal Change in Galectin-3 and Incident Cardiovascular Outcomes. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 3246-3254	15.1	33
71	The gender gap in coronary heart disease mortality: is there a difference between blacks and whites?. <i>Journal of Women's Health</i> , 2005 , 14, 117-27	3	30
70	Handheld echocardiography offers rapid assessment of clinical volume status. <i>American Heart Journal</i> , 2008 , 156, 537-42	4.9	27
69	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	12.3	26
68	Sex-related differences in contemporary biomarkers for heart failure: a review. <i>European Journal of Heart Failure</i> , 2020 , 22, 775-788	12.3	26
67	Metabolic Architecture of Acute Exercise Response in Middle-Aged Adults in the Community. <i>Circulation</i> , 2020 , 142, 1905-1924	16.7	26
66	Effect of phosphodiesterase inhibition on insulin resistance in obese individuals. <i>Journal of the American Heart Association</i> , 2014 , 3, e001001	6	24
65	Advancing Research on the Complex Interrelations Between Atrial Fibrillation and Heart Failure: A Report From a US National Heart, Lung, and Blood Institute Virtual Workshop. <i>Circulation</i> , 2020 , 141, 1915-1926	16.7	20
64	A Meta-Analysis of Genome-Wide Association Studies of Growth Differentiation Factor-15 Concentration in Blood. <i>Frontiers in Genetics</i> , 2018 , 9, 97	4.5	19
63	Cardiometabolic Traits and Systolic Mechanics in the Community. <i>Circulation: Heart Failure</i> , 2017 , 10,	7.6	18
62	Mechanistic Biomarkers Informative of Both Cancer and Cardiovascular Disease: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2726-2737	15.1	18

61	Circulating Galectin-3 Is Associated With Cardiometabolic Disease in the Community. <i>Journal of the American Heart Association</i> , 2015 , 5,	6	17
60	Cardiovascular Risk Factors are Associated with Future Cancer. <i>JACC: CardioOncology</i> , 2021 , 3, 48-58	3.8	17
59	Relation of improvement in estimated glomerular filtration rate with atorvastatin to reductions in hospitalizations for heart failure (from the Treating to New Targets [TNT] study). <i>American Journal of Cardiology</i> , 2012 , 109, 1761-6	3	16
58	Obesity Is Associated With Pulmonary Hypertension and Modifies Outcomes. <i>Journal of the American Heart Association</i> , 2020 , 9, e014195	6	15
57	Biomarkers of cardiovascular stress and subclinical atherosclerosis in the community. <i>Clinical Chemistry</i> , 2014 , 60, 1402-8	5.5	15
56	Biomarkers of cardiovascular stress and fibrosis in preclinical hypertrophic cardiomyopathy. <i>Open Heart</i> , 2017 , 4, e000615	3	15
55	Lifestyle changes in New Yorkers after September 11, 2001 (data from the Post-Disaster Heart Attack Prevention Program). <i>American Journal of Cardiology</i> , 2002 , 90, 680-2	3	15
54	Sex-Specific Associations of Cardiovascular Risk Factors and Biomarkers With Incident Heart Failure. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 1455-1465	15.1	15
53	Racial Differences in Electrocardiographic Characteristics and Prognostic Significance in Whites Versus Asians. <i>Journal of the American Heart Association</i> , 2016 , 5, e002956	6	15
52	Proteins Altered by Surgical Weight Loss Highlight Biomarkers of Insulin Resistance in the Community. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 107-115	9.4	15
51	Sex Differences in Cardiometabolic Traits and Determinants of Exercise Capacity in Heart Failure With Preserved Ejection Fraction. <i>JAMA Cardiology</i> , 2020 , 5, 30-37	16.2	14
50	Clinical and Hemodynamic Associations and Prognostic Implications of Ventilatory Efficiency in Patients With Preserved Left Ventricular Systolic Function. <i>Circulation: Heart Failure</i> , 2020 , 13, e006729	7.6	13
49	Galectin-3 Is Associated With Stage B Metabolic Heart Disease and Pulmonary Hypertension in Young Obese Patients. <i>Journal of the American Heart Association</i> , 2019 , 8, e011100	6	12
48	Postmenopausal hormone replacement therapy and atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2002 , 4, 387-95	6	12
47	Sex differences in inflammatory markers in patients hospitalized with COVID-19 infection: Insights from the MGH COVID-19 patient registry. <i>PLoS ONE</i> , 2021 , 16, e0250774	3.7	12
46	Soluble ST2 testing in the general population. <i>American Journal of Cardiology</i> , 2015 , 115, 22B-5B	3	11
45	Deliberating the Diagnostic Dilemma of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2020 , 142, 1770-1780	16.7	11
44	Electrocardiogram-based Deep Learning and Clinical Risk Factors to Predict Atrial Fibrillation. <i>Circulation</i> , 2021 ,	16.7	11

43	Age dependent associations of risk factors with heart failure: pooled population based cohort study. <i>BMJ, The</i> , 2021 , 372, n461	5.9	11
42	The role of obesity in inflammatory markers in COVID-19 patients. <i>Obesity Research and Clinical Practice</i> , 2021 , 15, 96-99	5.4	11
41	Galectin-3 Inhibition With Modified Citrus Pectin in Hypertension. <i>JACC Basic To Translational Science</i> , 2021 , 6, 12-21	8.7	11
40	Impaired Exercise Tolerance in Heart Failure With Preserved Ejection Fraction: Quantification of Multiorgan System Reserve Capacity. <i>JACC: Heart Failure</i> , 2020 , 8, 605-617	7.9	10
39	Heart failure with preserved ejection fraction according to the HFA-PEFF score in COVID-19 patients: clinical correlates and echocardiographic findings. <i>European Journal of Heart Failure</i> , 2021 , 23, 1891-1902	12.3	10
38	Evaluation of a provocative dyspnea severity score in acute heart failure. <i>American Heart Journal</i> , 2016 , 172, 34-41	4.9	9
37	Sex Differences in Subclinical Coronary Atherosclerotic Plaque Among Individuals With HIV on Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018 , 78, 421-428	3.1	8
36	Ultrasonic Assessment of Myocardial Microstructure in Hypertrophic Cardiomyopathy Sarcomere Mutation Carriers With and Without Left Ventricular Hypertrophy. <i>Circulation: Heart Failure</i> , 2016 , 9,	7.6	7
35	Evaluation of 2 Existing Diagnostic Scores for Heart Failure With Preserved Ejection Fraction Against a Comprehensively Phenotyped Cohort. <i>Circulation</i> , 2021 , 143, 289-291	16.7	7
34	Role of tolvaptan in acute decompensated heart failure. <i>Expert Review of Cardiovascular Therapy</i> , 2008 , 6, 601-8	2.5	6
33	Deep learning enables genetic analysis of the human thoracic aorta. <i>Nature Genetics</i> , 2021 ,	36.3	6
32	Deep learning enables genetic analysis of the human thoracic aorta		6
31	Deep Learning to Predict Cardiac Magnetic Resonance-Derived Left Ventricular Mass and Hypertrophy From 12-Lead ECGs. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e012281	3.9	5
30	Preclinical Alterations in Myocardial Microstructure in People with Metabolic Syndrome. <i>Obesity</i> , 2017 , 25, 1516-1522	8	4
29	High-Sensitivity Troponin and Heart Failure With Preserved Ejection Fraction-Balancing P Values With Prior Knowledge and Common Sense-Reply. <i>JAMA Cardiology</i> , 2018 , 3, 892-893	16.2	4
28	Association of premature menopause with incident pulmonary hypertension: A cohort study. <i>PLoS ONE</i> , 2021 , 16, e0247398	3.7	3
27	Metabolic Cost of Exercise Initiation in Patients With Heart Failure With Preserved Ejection Fraction vs Community-Dwelling Adults. <i>JAMA Cardiology</i> , 2021 , 6, 653-660	16.2	3
26	Structural and functional manifestations of human atherosclerosis: do they run in parallel?. <i>European Heart Journal</i> , 2009 , 30, 1556-8	9.5	2

25	Arterial Stiffness and Vascular Load in HFpEF: Differences Among Women and Men.. <i>Journal of Cardiac Failure</i> , 2021 ,	3.3	2
24	Deep learning to estimate cardiac magnetic resonance-derived left ventricular mass.. <i>Cardiovascular Digital Health Journal</i> , 2021 , 2, 109-117	2	2
23	Exercise Intolerance in Heart Failure With Preserved Ejection Fraction: Arterial Stiffness and Aabnormal Left Ventricular Hemodynamic Responses During Exercise. <i>Journal of Cardiac Failure</i> , 2021 , 27, 625-634	3.3	2
22	Association of obesity-related inflammatory pathways with lung function and exercise capacity. <i>Respiratory Medicine</i> , 2021 , 183, 106434	4.6	2
21	Cohort design and natural language processing to reduce bias in electronic health records research.. <i>Npj Digital Medicine</i> , 2022 , 5, 47	15.7	2
20	Infertility and Risk of Heart Failure in the Women's Health Initiative.. <i>Journal of the American College of Cardiology</i> , 2022 , 79, 1594-1603	15.1	2
19	Association of Pulmonary Artery Pulsatility Index With Adverse Cardiovascular Events Across a Hospital-Based Sample.. <i>Circulation: Heart Failure</i> , 2022 , CIRCHEARTFAILURE121009085	7.6	1
18	Cohort Design and Natural Language Processing to Reduce Bias in Electronic Health Records Research: The Community Care Cohort Project		1
17	Genetic Analysis of Right Heart Structure and Function in 40,000 People		1
16	Cardiovascular Biomarkers of Obesity and Overlap With Cardiometabolic Dysfunction. <i>Journal of the American Heart Association</i> , 2021 , 10, e020215	6	1
15	Deep Learning of Left Atrial Structure and Function Provides Link to Atrial Fibrillation Risk		1
14	Proteins as Mediators of the Association Between Diet Quality and Incident Cardiovascular Disease and All-Cause Mortality: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e021245	6	1
13	Cardiovascular disease related circulating biomarkers and cancer incidence and mortality: is there an association?. <i>Cardiovascular Research</i> , 2021 ,	9.9	1
12	Association of Cardiometabolic Disease With Cancer in the Community.. <i>JACC: CardioOncology</i> , 2022 , 4, 69-81	3.8	1
11	Matrix Gla Protein Levels Are Associated With Arterial Stiffness and Incident Heart Failure With Preserved Ejection Fraction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , ATVBAHA121316664	9.4	0
10	Associations of Alcohol Consumption with Cardiovascular Disease-Related Proteomic Biomarkers: The Framingham Heart Study. <i>Journal of Nutrition</i> , 2021 , 151, 2574-2582	4.1	0
9	Sexual Dimorphism in Cardiovascular Biomarkers: Clinical and Research Implications.. <i>Circulation Research</i> , 2022 , 130, 578-592	15.7	0
8	Exercise Blood Pressure in Heart Failure With Preserved and Reduced Ejection Fraction.. <i>JACC: Heart Failure</i> , 2022 , 10, 278-286	7.9	0

- 7 Reply: Galectin-3: A Pathophysiological Background Index or an Emerging Prognostic Biomarker in Heart Failure?. *Journal of the American College of Cardiology*, **2019**, 73, 1875-1876 15.1
- 6 Reply: Does PAP/CO Ratio Have a Linear Relationship?. *Journal of the American College of Cardiology*, **2020**, 75, 2647 15.1
- 5 Manifestations, Mechanisms, and Treatment of HIV-Associated Cardiovascular Disease **2013**, 728-737
- 4 Improvement in revascularization time after creation of a coronary catheterization laboratory at a public hospital. *Archives of Internal Medicine*, **2012**, 172, 193-4
- 3 Cardiac Sarcoidosis Initially Diagnosed as Spontaneous Coronary Artery Dissection. *JACC: Case Reports*, **2021**, 3, 1656-1660 1.2
- 2 Genetic Association of Body Mass Index With Pathologic Left Ventricular Remodeling.. *Journal of the American Heart Association*, **2022**, e024408 6
- 1 Association of 71 cardiovascular disease-related plasma proteins with pulmonary function in the community.. *PLoS ONE*, **2022**, 17, e0266523 3.7