

Vanessa Xanthakis

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

4,398
citations

101543

36
h-index

114465

63
g-index

107
all docs

107
docs citations

107
times ranked

7625
citing authors

#	ARTICLE	IF	CITATIONS
1	Prognostic Utility of Novel Biomarkers of Cardiovascular Stress. <i>Circulation</i> , 2012, 126, 1596-1604.	1.6	414
2	Plasma Asymmetric Dimethylarginine and Incidence of Cardiovascular Disease and Death in the Community. <i>Circulation</i> , 2009, 119, 1592-1600.	1.6	310
3	Correlates of Echocardiographic Indices of Cardiac Remodeling Over the Adult Life Course. <i>Circulation</i> , 2010, 122, 570-578.	1.6	218
4	Ideal Cardiovascular Health. <i>Circulation</i> , 2014, 130, 1676-1683.	1.6	179
5	Longitudinal Tracking of Left Ventricular Mass Over the Adult Life Course. <i>Circulation</i> , 2009, 119, 3085-3092.	1.6	168
6	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
7	Aortic Root Remodeling Over the Adult Life Course. <i>Circulation</i> , 2010, 122, 884-890.	1.6	155
8	Blood Pressure Tracking Over the Adult Life Course. <i>Hypertension</i> , 2012, 60, 1393-1399.	2.7	127
9	Ceramide Remodeling and Risk of Cardiovascular Events and Mortality. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	113
10	Association of Ideal Cardiovascular Health With Vascular Brain Injury and Incident Dementia. <i>Stroke</i> , 2016, 47, 1201-1206.	2.0	101
11	Longitudinal Tracking of Left Atrial Diameter Over the Adult Life Course: Clinical Correlates in the Community. <i>Circulation</i> , 2010, 121, 667-674.	1.6	100
12	Trajectories of Blood Lipid Concentrations Over the Adult Life Course and Risk of Cardiovascular Disease and All-cause Mortality: Observations From the Framingham Study Over 35 Years. <i>Journal of the American Heart Association</i> , 2019, 8, e011433.	3.7	98
13	Circulating Insulin-Like Growth Factor-1 and Its Binding Protein-3. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1479-1484.	2.4	81
14	Twenty-Year Trends in the American Heart Association Cardiovascular Health Score and Impact on Subclinical and Clinical Cardiovascular Disease: The Framingham Offspring Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	76
15	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
16	Identification of cis- and trans-Acting Genetic Variants Explaining Up to Half the Variation in Circulating Vascular Endothelial Growth Factor Levels. <i>Circulation Research</i> , 2011, 109, 554-563.	4.5	72
17	Prevalence, Neurohormonal Correlates, and Prognosis of Heart Failure Stages in the Community. <i>JACC: Heart Failure</i> , 2016, 4, 808-815.	4.1	72
18	Association of sex steroids, gonadotrophins, and their trajectories with clinical cardiovascular disease and all-cause mortality in elderly men from the Framingham Heart Study. <i>Clinical Endocrinology</i> , 2013, 78, 629-634.	2.4	69

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19	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
20	Reference Intervals for Plasma L-Arginine and the L-Arginine:Asymmetric Dimethylarginine Ratio in the Framingham Offspring Cohort. <i>Journal of Nutrition</i> , 2011, 141, 2186-2190.	2.9	63
21	Association of the Duration of Ideal Cardiovascular Health Through Adulthood With Cardiometabolic Outcomes and Mortality in the Framingham Offspring Study. <i>JAMA Cardiology</i> , 2020, 5, 549.	6.1	62
22	Vascular endothelial growth factor, its soluble receptor, and hepatocyte growth factor: clinical and genetic correlates and association with vascular function. <i>European Heart Journal</i> , 2009, 30, 1121-1127.	2.2	61
23	Cardiometabolic Correlates and Heritability of Fetuin-A, Retinol-Binding Protein 4, and Fatty-Acid Binding Protein 4 in the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1943-E1947.	3.6	56
24	Aldosterone, C-Reactive Protein, and Plasma B-Type Natriuretic Peptide Are Associated With the Development of Metabolic Syndrome and Longitudinal Changes in Metabolic Syndrome Components. <i>Diabetes Care</i> , 2013, 36, 3084-3092.	8.6	56
25	Clinical and Genetic Correlates of Circulating Angiopoietin-2 and Soluble Tie-2 in the Community. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 300-306.	5.1	55
26	Natural History of Obesity Subphenotypes: Dynamic Changes Over Two Decades and Prognosis in the Framingham Heart Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 738-752.	3.6	55
27	Development and Validation of Risk Prediction Models for Cardiovascular Events in Black Adults. <i>JAMA Cardiology</i> , 2016, 1, 15.	6.1	54
28	Genome-Wide Association Study of L-Arginine and Dimethylarginines Reveals Novel Metabolic Pathway for Symmetric Dimethylarginine. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 864-872.	5.1	53
29	Asymmetric Dimethylarginine Reference Intervals Determined with Liquid Chromatography-Tandem Mass Spectrometry: Results from the Framingham Offspring Cohort. <i>Clinical Chemistry</i> , 2009, 55, 1539-1545.	3.2	51
30	Aldosterone and the Risk of Hypertension. <i>Current Hypertension Reports</i> , 2013, 15, 102-107.	3.5	46
31	Proteomic and Metabolomic Correlates of Healthy Dietary Patterns: The Framingham Heart Study. <i>Nutrients</i> , 2020, 12, 1476.	4.1	46
32	Cardiovascular Health Status and Incidence of Heart Failure in the Framingham Offspring Study. <i>Circulation: Heart Failure</i> , 2016, 9, e002416.	3.9	45
33	Arterial Stiffness and Long-Term Risk of Health Outcomes: The Framingham Heart Study. <i>Hypertension</i> , 2022, 79, 1045-1056.	2.7	45
34	Association of the Endogenous Nitric Oxide Synthase Inhibitor ADMA With Carotid Artery Intimal Media Thickness in the Framingham Heart Study Offspring Cohort. <i>Stroke</i> , 2009, 40, 2715-2719.	2.0	44
35	Implications of the US Cholesterol Guidelines on Eligibility for Statin Therapy in the Community: Comparison of Observed and Predicted Risks in the Framingham Heart Study Offspring Cohort. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	44
36	Left Ventricular Diastolic Dysfunction in the Community: Impact of Diagnostic Criteria on the Burden, Correlates, and Prognosis. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	43

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37	Performance of the Pooled Cohort Equations to Estimate Atherosclerotic Cardiovascular Disease Risk by Body Mass Index. <i>JAMA Network Open</i> , 2020, 3, e2023242.	5.9	42
38	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.	3.9	40
39	Relations Between Subclinical Disease Markers and Type 2 Diabetes, Metabolic Syndrome, and Incident Cardiovascular Disease: The Jackson Heart Study. <i>Diabetes Care</i> , 2015, 38, 1082-1088.	8.6	39
40	Cardiovascular health, genetic risk, and risk of dementia in the Framingham Heart Study. <i>Neurology</i> , 2020, 95, e1341-e1350.	1.1	37
41	Circulating Vascular Growth Factors and Central Hemodynamic Load in the Community. <i>Hypertension</i> , 2012, 59, 773-779.	2.7	34
42	Plasma Fibroblast Growth Factor 23: Clinical Correlates and Association With Cardiovascular Disease and Mortality in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	34
43	Familial Clustering of Aortic Size, Aneurysms, and Dissections in the Community. <i>Circulation</i> , 2020, 142, 920-928.	1.6	31
44	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
45	Plasma symmetric dimethylarginine reference limits from the Framingham offspring cohort. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 1907-10.	2.3	28
46	Association of Variability in Body Mass Index and Metabolic Health With Cardiometabolic Disease Risk. <i>Journal of the American Heart Association</i> , 2019, 8, e010793.	3.7	26
47	Circulating ceramide ratios and risk of vascular brain aging and dementia. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 160-168.	3.7	25
48	Hypertension-Mediated Organ Damage: Prevalence, Correlates, and Prognosis in the Community. <i>Hypertension</i> , 2022, 79, 505-515.	2.7	25
49	Comorbidities and Cardiometabolic Disease. <i>JACC: Heart Failure</i> , 2018, 6, 317-325.	4.1	20
50	Association of exhaled carbon monoxide with subclinical cardiovascular disease and their conjoint impact on the incidence of cardiovascular outcomes. <i>European Heart Journal</i> , 2014, 35, 2980-2987.	2.2	19
51	Association of Circulating Tissue Inhibitor of Metalloproteinases-1 and Procollagen Type III Aminoterminal Peptide Levels With Incident Heart Failure and Chronic Kidney Disease. <i>Journal of the American Heart Association</i> , 2019, 8, e011426.	3.7	19
52	Temporal Trends in the Remaining Lifetime Risk of Cardiovascular Disease Among Middle-Aged Adults Across 6 Decades: The Framingham Study. <i>Circulation</i> , 2022, 145, 1324-1338.	1.6	19
53	Assessing the incremental predictive performance of novel biomarkers over standard predictors. <i>Statistics in Medicine</i> , 2014, 33, 2577-2584.	1.6	18
54	Dietary Patterns, Ceramide Ratios, and Risk of All-Cause and Cause-Specific Mortality: The Framingham Offspring Study. <i>Journal of Nutrition</i> , 2020, 150, 2994-3004.	2.9	18

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55	Clinical Correlates and Prognostic Significance of Change in Standardized Left Ventricular Mass in a Community-Based Cohort of African Americans. <i>Journal of the American Heart Association</i> , 2015, 4, .	3.7	17
56	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> , 2018, 7, .	3.7	17
57	Heritability of Mitral Regurgitation. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	16
58	Arteriosclerosis, Atherosclerosis, and Cardiovascular Health: Joint Relations to the Incidence of Cardiovascular Disease. <i>Hypertension</i> , 2021, 78, 1232-1240.	2.7	16
59	Biomarkers for the prediction of venous thromboembolism in the community. <i>Thrombosis Research</i> , 2016, 145, 34-39.	1.7	14
60	Associations of accelerometer-measured physical activity and sedentary time with chronic kidney disease: The Framingham Heart Study. <i>PLoS ONE</i> , 2020, 15, e0234825.	2.5	14
61	Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study. <i>PLoS ONE</i> , 2020, 15, e0243199.	2.5	14
62	Prognosis of Prehypertension Without Progression to Hypertension. <i>Circulation</i> , 2017, 136, 1262-1264.	1.6	13
63	Prognostic Significance of Echocardiographic Measures of Cardiac Remodeling. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 72-81.e6.	2.8	13
64	Cumulative sugar-sweetened beverage consumption is associated with higher concentrations of circulating ceramides in the Framingham Offspring Cohort. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 420-428.	4.7	13
65	Left Ventricular Mass and Incident Chronic Kidney Disease. <i>Hypertension</i> , 2020, 75, 702-706.	2.7	13
66	Associations of the Mediterranean-Dietary Approaches to Stop Hypertension Intervention for Neurodegenerative Delay diet with cardiac remodelling in the community: the Framingham Heart Study. <i>British Journal of Nutrition</i> , 2021, 126, 1888-1896.	2.3	13
67	Association of Mildly Reduced Kidney Function With Cardiovascular Disease: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021, 10, e020301.	3.7	13
68	Association of Estimated Cardiorespiratory Fitness in Midlife With Cardiometabolic Outcomes and Mortality. <i>JAMA Network Open</i> , 2021, 4, e2131284.	5.9	13
69	Lifetime Risk of Heart Failure Among Participants in the Framingham Study. <i>Journal of the American College of Cardiology</i> , 2022, 79, 250-263.	2.8	13
70	Plasma asymmetric dimethylarginine, l-arginine and left ventricular structure and function in a community-based sample. <i>Atherosclerosis</i> , 2009, 204, 282-287.	0.8	12
71	Association of Lower Plasma Homoarginine Concentrations with Greater Risk of All-Cause Mortality in the Community: The Framingham Offspring Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 2016.	2.4	11
72	Association of Blood Pressure Responses to Submaximal Exercise in Midlife With the Incidence of Cardiovascular Outcomes and All-Cause Mortality: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2020, 9, e015554.	3.7	11

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73	Genetic Architecture of Circulating Very-Long-Chain (C24:0 and C22:0) Ceramide Concentrations. <i>Journal of Lipid and Atherosclerosis</i> , 2020, 9, 172.	3.5	10
74	Multilevel modeling versus cross-sectional analysis for assessing the longitudinal tracking of cardiovascular risk factors over time. <i>Statistics in Medicine</i> , 2013, 32, 5028-5038.	1.6	9
75	Association of Blood Pressure and Heart Rate Responses to Submaximal Exercise With Incident Heart Failure: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021, 10, e019460.	3.7	9
76	Adherence to a Mediterranean-Style Dietary Pattern and Cancer Risk in a Prospective Cohort Study. <i>Nutrients</i> , 2021, 13, 4064.	4.1	9
77	Risk factor-based subphenotyping of heart failure in the community. <i>PLoS ONE</i> , 2019, 14, e0222886.	2.5	8
78	Life Course Developmental Approach to Cardiovascular Health and Cardiovascular Disease Prevention. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2708-2711.	2.8	8
79	Biomarkers representing key aging-related biological pathways are associated with subclinical atherosclerosis and all-cause mortality: The Framingham Study. <i>PLoS ONE</i> , 2021, 16, e0251308.	2.5	8
80	Association of Cardiorespiratory Fitness and Hemodynamic Responses to Submaximal Exercise Testing With the Incidence of Chronic Kidney Disease: The Framingham Heart Study. <i>Mayo Clinic Proceedings</i> , 2020, 95, 1184-1194.	3.0	7
81	Conjoint Associations of Adherence to Physical Activity and Dietary Guidelines With Cardiometabolic Health: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2021, 10, e019800.	3.7	7
82	Cardiac microstructural alterations measured by echocardiography identify sex-specific risk for heart failure. <i>Heart</i> , 2022, 108, 1800-1806.	2.9	7
83	Feasibility, Methodology, and Interpretation of Broad-Scale Assessment of Cardiorespiratory Fitness in a Large Community-Based Sample. <i>American Journal of Cardiology</i> , 2021, 157, 56-63.	1.6	6
84	Prognostic Significance of Echocardiographic Measures of Cardiac Remodeling in the Community. <i>Current Cardiology Reports</i> , 2021, 23, 86.	2.9	5
85	Association of subclinical atherosclerosis with echocardiographic indices of cardiac remodeling: The Framingham Study. <i>PLoS ONE</i> , 2020, 15, e0233321.	2.5	4
86	Prevalence, Predictors, Progression, and Prognosis of Hypertension Subtypes in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , 2022, 11, e024202.	3.7	4
87	Premature Parental Cardiovascular Disease and Subclinical Disease Burden in the Offspring. <i>Journal of the American Heart Association</i> , 2020, 9, e015406.	3.7	3
88	Shared Genetic and Environmental Architecture of Cardiac Phenotypes Assessed via Echocardiography. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003244.	3.6	2
89	Circulating growth factors and cardiac remodeling in the community: The Framingham Heart Study. <i>International Journal of Cardiology</i> , 2021, 329, 217-224.	1.7	2
90	Association of orthostatic blood pressure response with incident heart failure: The Framingham Heart Study. <i>PLoS ONE</i> , 2022, 17, e0267057.	2.5	2

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91	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> , 2020, 9, e016762.	3.7	1
92	Associations of circulating dimethylarginines with the metabolic syndrome in the Framingham Offspring study. <i>PLoS ONE</i> , 2021, 16, e0254577.	2.5	1
93	Aortic Root Diameter and Arterial Stiffness: Conjoint Relations to the Incidence of Cardiovascular Disease in the Framingham Heart Study. <i>Hypertension</i> , 2021, 78, 1278-1286.	2.7	1
94	Improving cardiovascular health in women & children around the world. <i>Indian Journal of Medical Research</i> , 2012, 136, 359-61.	1.0	1
95	Notable paradoxical phenomena in associations between cardiovascular health score, subclinical and clinical cardiovascular disease in the community: The Framingham Heart Study. <i>PLoS ONE</i> , 2022, 17, e0267267.	2.5	1
96	Association of lung diffusion capacity with cardiac remodeling and risk of heart failure: The Framingham heart study. <i>PLoS ONE</i> , 2021, 16, e0246355.	2.5	0
97	Long-term air pollution exposure and sex-specific cardiometabolic health trajectories: the Framingham Offspring Study. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
98	Abstract P001: Greater Time Spent in Ideal Cardiovascular Health in Adulthood is Associated With Lower Risk of Cardiometabolic Outcomes and Death: the Framingham Heart Study. <i>Circulation</i> , 2019, 139, .	1.6	0
99	Clinical correlates of plasma insulin levels over the life course and association with incident type 2 diabetes: the Framingham Heart Study. <i>BMJ Open Diabetes Research and Care</i> , 2022, 10, e002581.	2.8	0
100	Title is missing!. , 2020, 15, e0243199.		0
101	Title is missing!. , 2020, 15, e0243199.		0
102	Title is missing!. , 2020, 15, e0243199.		0
103	Title is missing!. , 2020, 15, e0243199.		0
104	Multi-system trajectories and the incidence of heart failure in the Framingham Offspring Study. <i>PLoS ONE</i> , 2022, 17, e0268576.	2.5	0