Vanessa Xanthakis

List of Publications by Year
in descending order

104 papers	4,398 citations	101384 36 h-index	114278 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. Circulation, 2012, 126, 1596-1604.	1.6	414
2	Plasma Asymmetric Dimethylarginine and Incidence of Cardiovascular Disease and Death in the Community. Circulation, 2009, 119, 1592-1600.	1.6	310
3	Correlates of Echocardiographic Indices of Cardiac Remodeling Over the Adult Life Course. Circulation, 2010, 122, 570-578.	1.6	218
4	Ideal Cardiovascular Health. Circulation, 2014, 130, 1676-1683.	1.6	179
5	Longitudinal Tracking of Left Ventricular Mass Over the Adult Life Course. Circulation, 2009, 119, 3085-3092.	1.6	168
6	Epidemiology of Left Ventricular SystolicÂDysfunction and Heart Failure inÂtheÂFramingham Study. JACC: Cardiovascular Imaging, 2018, 11, 1-11.	2.3	158
7	Aortic Root Remodeling Over the Adult Life Course. Circulation, 2010, 122, 884-890.	1.6	155
8	Blood Pressure Tracking Over the Adult Life Course. Hypertension, 2012, 60, 1393-1399.	1.3	127
9	Ceramide Remodeling and Risk of Cardiovascular Events and Mortality. Journal of the American Heart Association, 2018, 7, .	1.6	113
10	Association of Ideal Cardiovascular Health With Vascular Brain Injury and Incident Dementia. Stroke, 2016, 47, 1201-1206.	1.0	101
11	Longitudinal Tracking of Left Atrial Diameter Over the Adult Life Course: Clinical Correlates in the Community. Circulation, 2010, 121, 667-674.	1.6	100
12	Trajectories of Blood Lipid Concentrations Over the Adult Life Course and Risk of Cardiovascular Disease and Allâ€Cause Mortality: Observations From the Framingham Study Over 35 Years. Journal of the American Heart Association, 2019, 8, e011433.	1.6	98
13	Circulating Insulin-Like Growth Factor-1 and Its Binding Protein-3. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 1479-1484.	1.1	81
14	Twentyâ€Year Trends in the American Heart Association Cardiovascular Health Score and Impact on Subclinical and Clinical Cardiovascular Disease: The Framingham Offspring Study. Journal of the American Heart Association, 2018, 7, .	1.6	76
15	Interrelations Between Arterial Stiffness, Target Organ Damage, and Cardiovascular Disease Outcomes. Journal of the American Heart Association, 2019, 8, e012141.	1.6	76
16	Identification of cis - and trans -Acting Genetic Variants Explaining Up to Half the Variation in Circulating Vascular Endothelial Growth Factor Levels. Circulation Research, 2011, 109, 554-563.	2.0	72
17	Prevalence, Neurohormonal Correlates, and Prognosis of Heart Failure Stages inÂthe Community. JACC: Heart Failure, 2016, 4, 808-815.	1.9	72
18	Association of sex steroids, gonadotrophins, and their trajectories with clinical cardiovascular disease and allâ€cause mortality in elderly men from the <scp>F</scp>ramingham <scp>H</scp>eart <scp>S</scp>tudy. Clinical Endocrinology, 2013, 78, 629-634.	1.2	69

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19	Association of Novel Biomarkers of Cardiovascular Stress With Left Ventricular Hypertrophy and Dysfunction: Implications for Screening. Journal of the American Heart Association, 2013, 2, e000399.	1.6	66
20	Reference Intervals for Plasma L-Arginine and the L-Arginine:Asymmetric Dimethylarginine Ratio in the Framingham Offspring Cohort. Journal of Nutrition, 2011, 141, 2186-2190.	1.3	63
21	Association of the Duration of Ideal Cardiovascular Health Through Adulthood With Cardiometabolic Outcomes and Mortality in the Framingham Offspring Study. JAMA Cardiology, 2020, 5, 549.	3.0	62
22	Vascular endothelial growth factor, its soluble receptor, and hepatocyte growth factor: clinical and genetic correlates and association with vascular function. European Heart Journal, 2009, 30, 1121-1127.	1.0	61
23	Cardiometabolic Correlates and Heritability of Fetuin-A, Retinol-Binding Protein 4, and Fatty-Acid Binding Protein 4 in the Framingham Heart Study. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1943-E1947.	1.8	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. Diabetes Care, 2013, 36, 3084-3092.	4.3	56
25	Clinical and Genetic Correlates of Circulating Angiopoietin-2 and Soluble Tie-2 in the Community. Circulation: Cardiovascular Genetics, 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. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 738-752.	1.8	55
27	Development and Validation of Risk Prediction Models for Cardiovascular Events in Black Adults. JAMA Cardiology, 2016, 1, 15.	3.0	54
28	Genome-Wide Association Study of <scp>l</scp> -Arginine and Dimethylarginines Reveals Novel Metabolic Pathway for Symmetric Dimethylarginine. Circulation: Cardiovascular Genetics, 2014, 7, 864-872.	5.1	53
29	Asymmetric Dimethylarginine Reference Intervals Determined with Liquid Chromatographyâ€“Tandem Mass Spectrometry: Results from the Framingham Offspring Cohort. Clinical Chemistry, 2009, 55, 1539-1545.	1.5	51
30	Aldosterone and the Risk of Hypertension. Current Hypertension Reports, 2013, 15, 102-107.	1.5	46
31	Proteomic and Metabolomic Correlates of Healthy Dietary Patterns: The Framingham Heart Study. Nutrients, 2020, 12, 1476.	1.7	46
32	Cardiovascular Health Status and Incidence of Heart Failure in the Framingham Offspring Study. Circulation: Heart Failure, 2016, 9, e002416.	1.6	45
33	Arterial Stiffness and Long-Term Risk of Health Outcomes: The Framingham Heart Study. Hypertension, 2022, 79, 1045-1056.	1.3	45
34	Association of the Endogenous Nitric Oxide Synthase Inhibitor ADMA With Carotid Artery Intimal Media Thickness in the Framingham Heart Study Offspring Cohort. Stroke, 2009, 40, 2715-2719.	1.0	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. Journal of the American Heart Association, 2015, 4, .	1.6	44
36	Left Ventricular Diastolic Dysfunction in the Community: Impact of Diagnostic Criteria on the Burden, Correlates, and Prognosis. Journal of the American Heart Association, 2018, 7, .	1.6	43

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37	Performance of the Pooled Cohort Equations to Estimate Atherosclerotic Cardiovascular Disease Risk by Body Mass Index. JAMA Network Open, 2020, 3, e2023242.	2.8	42
38	Clinical and Hemodynamic Associations and Prognostic Implications of Ventilatory Efficiency in Patients With Preserved Left Ventricular Systolic Function. Circulation: Heart Failure, 2020, 13, e006729.	1.6	40
39	Relations Between Subclinical Disease Markers and Type 2 Diabetes, Metabolic Syndrome, and Incident Cardiovascular Disease: The Jackson Heart Study. Diabetes Care, 2015, 38, 1082-1088.	4.3	39
40	Cardiovascular health, genetic risk, and risk of dementia in the Framingham Heart Study. Neurology, 2020, 95, e1341-e1350.	1.5	37
41	Circulating Vascular Growth Factors and Central Hemodynamic Load in the Community. Hypertension, 2012, 59, 773-779.	1.3	34
42	Plasma Fibroblast Growth Factor 23: Clinical Correlates and Association With Cardiovascular Disease and Mortality in the Framingham Heart Study. Journal of the American Heart Association, 2016, 5, .	1.6	34
43	Familial Clustering of Aortic Size, Aneurysms, and Dissections in the Community. Circulation, 2020, 142, 920-928.	1.6	31
44	Association of Circulating Ceramides With Cardiac Structure and Function in the Community: The Framingham Heart Study. Journal of the American Heart Association, 2019, 8, e013050.	1.6	29
45	Plasma symmetric dimethylarginine reference limits from the Framingham offspring cohort. Clinical Chemistry and Laboratory Medicine, 2011, 49, 1907-10.	1.4	28
46	Association of Variability in Body Mass Index and Metabolic Health With Cardiometabolic Disease Risk. Journal of the American Heart Association, 2019, 8, e010793.	1.6	26
47	Circulating ceramide ratios and risk of vascular brain aging and dementia. Annals of Clinical and Translational Neurology, 2020, 7, 160-168.	1.7	25
48	Hypertension-Mediated Organ Damage: Prevalence, Correlates, and Prognosis in the Community. Hypertension, 2022, 79, 505-515.	1.3	25
49	Comorbidities and CardiometabolicÂDisease. JACC: Heart Failure, 2018, 6, 317-325.	1.9	20
50	Association of exhaled carbon monoxide with subclinical cardiovascular disease and their conjoint impact on the incidence of cardiovascular outcomes. European Heart Journal, 2014, 35, 2980-2987.	1.0	19
51	Association of Circulating Tissue Inhibitor of Metalloproteinasesâ€1 and Procollagen Type III Aminoterminal Peptide Levels With Incident Heart Failure and Chronic Kidney Disease. Journal of the American Heart Association, 2019, 8, e011426.	1.6	19
52	Temporal Trends in the Remaining Lifetime Risk of Cardiovascular Disease Among Middle-Aged Adults Across 6 Decades: The Framingham Study. Circulation, 2022, 145, 1324-1338.	1.6	19
53	Assessing the incremental predictive performance of novel biomarkers over standard predictors. Statistics in Medicine, 2014, 33, 2577-2584.	0.8	18
54	Dietary Patterns, Ceramide Ratios, and Risk of All-Cause and Cause-Specific Mortality: The Framingham Offspring Study. Journal of Nutrition, 2020, 150, 2994-3004.	1.3	18

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55	Clinical Correlates and Prognostic Significance of Change in Standardized Left Ventricular Mass in a Communityâ€Based Cohort of African Americans. Journal of the American Heart Association, 2015, 4, .	1.6	17
56	Association of Circulating Adipokines With Echocardiographic Measures of Cardiac Structure and Function in a Communityâ€Based Cohort. Journal of the American Heart Association, 2018, 7, .	1.6	17
57	Heritability of Mitral Regurgitation. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	16
58	Arteriosclerosis, Atherosclerosis, and Cardiovascular Health: Joint Relations to the Incidence of Cardiovascular Disease. Hypertension, 2021, 78, 1232-1240.	1.3	16
59	Biomarkers for the prediction of venous thromboembolism in the community. Thrombosis Research, 2016, 145, 34-39.	0.8	14
60	Associations of accelerometer-measured physical activity and sedentary time with chronic kidney disease: The Framingham Heart Study. PLoS ONE, 2020, 15, e0234825.	1.1	14
61	Joint influences of obesity, diabetes, and hypertension on indices of ventricular remodeling: Findings from the community-based Framingham Heart Study. PLoS ONE, 2020, 15, e0243199.	1.1	14
62	Prognosis of Prehypertension Without Progression to Hypertension. Circulation, 2017, 136, 1262-1264.	1.6	13
63	Prognostic Significance of Echocardiographic Measures of Cardiac Remodeling. Journal of the American Society of Echocardiography, 2020, 33, 72-81.e6.	1.2	13
64	Cumulative sugar-sweetened beverage consumption is associated with higher concentrations of circulating ceramides in the Framingham Offspring Cohort. American Journal of Clinical Nutrition, 2020, 111, 420-428.	2.2	13
65	Left Ventricular Mass and Incident Chronic Kidney Disease. Hypertension, 2020, 75, 702-706.	1.3	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. British Journal of Nutrition, 2021, 126, 1888-1896.	1.2	13
67	Association of Mildly Reduced Kidney Function With Cardiovascular Disease: The Framingham Heart Study. Journal of the American Heart Association, 2021, 10, e020301.	1.6	13
68	Association of Estimated Cardiorespiratory Fitness in Midlife With Cardiometabolic Outcomes and Mortality. JAMA Network Open, 2021, 4, e2131284.	2.8	13
69	Lifetime Risk of HeartÂFailure Among Participants in the Framingham Study. Journal of the American College of Cardiology, 2022, 79, 250-263.	1.2	13
70	Plasma asymmetric dimethylarginine, l-arginine and left ventricular structure and function in a community-based sample. Atherosclerosis, 2009, 204, 282-287.	0.4	12
71	Association of Lower Plasma Homoarginine Concentrations with Greater Risk of All-Cause Mortality in the Community: The Framingham Offspring Study. Journal of Clinical Medicine, 2020, 9, 2016.	1.0	11
72	Association of Blood Pressure Responses to Submaximal Exercise in Midlife With the Incidence of Cardiovascular Outcomes and Allâ€Cause Mortality: The Framingham Heart Study. Journal of the American Heart Association, 2020, 9, e015554.	1.6	11

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73	Genetic Architecture of Circulating Very-Long-Chain (C24:0 and C22:0) Ceramide Concentrations. Journal of Lipid and Atherosclerosis, 2020, 9, 172.	1.1	10
74	Multilevel modeling versus crossâ€sectional analysis for assessing the longitudinal tracking of cardiovascular risk factors over time. Statistics in Medicine, 2013, 32, 5028-5038.	0.8	9
75	Association of Blood Pressure and Heart Rate Responses to Submaximal Exercise With Incident Heart Failure: The Framingham Heart Study. Journal of the American Heart Association, 2021, 10, e019460.	1.6	9
76	Adherence to a Mediterranean-Style Dietary Pattern and Cancer Risk in a Prospective Cohort Study. Nutrients, 2021, 13, 4064.	1.7	9
77	Risk factor-based subphenotyping of heart failure in the community. PLoS ONE, 2019, 14, e0222886.	1.1	8
78	Life Course Developmental Approach to Cardiovascular Health and CardiovascularÂDisease Prevention. Journal of the American College of Cardiology, 2020, 76, 2708-2711.	1.2	8
79	Biomarkers representing key aging-related biological pathways are associated with subclinical atherosclerosis and all-cause mortality: The Framingham Study. PLoS ONE, 2021, 16, e0251308.	1.1	8
80	Association of Cardiorespiratory Fitness and Hemodynamic Responses to Submaximal Exercise Testing With the Incidence of Chronic Kidney Disease: The Framingham Heart Study. Mayo Clinic Proceedings, 2020, 95, 1184-1194.	1.4	7
81	Conjoint Associations of Adherence to Physical Activity and Dietary Guidelines With Cardiometabolic Health: The Framingham Heart Study. Journal of the American Heart Association, 2021, 10, e019800.	1.6	7
82	Cardiac microstructural alterations measured by echocardiography identify sex-specific risk for heart failure. Heart, 2022, 108, 1800-1806.	1.2	7
83	Feasibility, Methodology, and Interpretation of Broad-Scale Assessment of Cardiorespiratory Fitness in a Large Community-Based Sample. American Journal of Cardiology, 2021, 157, 56-63.	0.7	6
84	Prognostic Significance of Echocardiographic Measures of Cardiac Remodeling in the Community. Current Cardiology Reports, 2021, 23, 86.	1.3	5
85	Association of subclinical atherosclerosis with echocardiographic indices of cardiac remodeling: The Framingham Study. PLoS ONE, 2020, 15, e0233321.	1.1	4
86	Prevalence, Predictors, Progression, and Prognosis of Hypertension Subtypes in the Framingham Heart Study. Journal of the American Heart Association, 2022, 11, e024202.	1.6	4
87	Premature Parental Cardiovascular Disease and Subclinical Disease Burden in the Offspring. Journal of the American Heart Association, 2020, 9, e015406.	1.6	3
88	Shared Genetic and Environmental Architecture of Cardiac Phenotypes Assessed via Echocardiography. Circulation Genomic and Precision Medicine, 2021, 14, e003244.	1.6	2
89	Circulating growth factors and cardiac remodeling in the community: The Framingham Heart Study. International Journal of Cardiology, 2021, 329, 217-224.	0.8	2
90	Association of orthostatic blood pressure response with incident heart failure: The Framingham Heart Study. PLoS ONE, 2022, 17, e0267057.	1.1	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. Journal of the American Heart Association, 2020, 9, e016762.	1.6	1
92	Associations of circulating dimethylarginines with the metabolic syndrome in the Framingham Offspring study. PLoS ONE, 2021, 16, e0254577.	1.1	1
93	Aortic Root Diameter and Arterial Stiffness: Conjoint Relations to the Incidence of Cardiovascular Disease in the Framingham Heart Study. Hypertension, 2021, 78, 1278-1286.	1.3	1
94	Improving cardiovascular health in women & children around the world. Indian Journal of Medical Research, 2012, 136, 359-61.	0.4	1
95	Notable paradoxical phenomena in associations between cardiovascular health score, subclinical and clinical cardiovascular disease in the community: The Framingham Heart Study. PLoS ONE, 2022, 17, e0267267.	1.1	1
96	Association of lung diffusion capacity with cardiac remodeling and risk of heart failure: The Framingham heart study. PLoS ONE, 2021, 16, e0246355.	1.1	0
97	Long-term air pollution exposure and sex-specific cardiometabolic health trajectories: the Framingham Offspring Study. ISEE Conference Abstracts, 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. Circulation, 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. BMJ Open Diabetes Research and Care, 2022, 10, e002581.	1.2	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. PLoS ONE, 2022, 17, e0268576.	1.1	0