

# Amir Abbas Mahabadi

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

4,168  
citations

201385

27  
h-index

114278

63  
g-index

83  
all docs

83  
docs citations

83  
times ranked

5596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pericardial Fat, Visceral Abdominal Fat, Cardiovascular Disease Risk Factors, and Vascular Calcification in a Community-Based Sample. <i>Circulation</i> , 2008, 117, 605-613.	1.6	896
2	Association of pericardial fat, intrathoracic fat, and visceral abdominal fat with cardiovascular disease burden: the Framingham Heart Study. <i>European Heart Journal</i> , 2008, 30, 850-856.	1.0	526
3	Association of Epicardial Fat With Cardiovascular Risk Factors and Incident Myocardial Infarction in the General Population. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1388-1395.	1.2	403
4	Distribution, Determinants, and Normal Reference Values of Thoracic and Abdominal Aortic Diameters by Computed Tomography (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , 2013, 111, 1510-1516.	0.7	154
5	Association of pericoronary fat volume with atherosclerotic plaque burden in the underlying coronary artery: A segment analysis. <i>Atherosclerosis</i> , 2010, 211, 195-199.	0.4	142
6	Value of Progression of Coronary Artery Calcification for Risk Prediction of Coronary and Cardiovascular Events. <i>Circulation</i> , 2018, 137, 665-679.	1.6	136
7	CAC Score Improves Coronary and CV Risk Assessment Above Statin Indication by ESC and AHA/ACC Primary Prevention Guidelines. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 143-153.	2.3	130
8	Association of Epicardial Adipose Tissue With Progression of Coronary Artery Calcification Is More Pronounced in the Early Phase of Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , 2014, 7, 909-916.	2.3	126
9	Body-surface adjusted aortic reference diameters for improved identification of patients with thoracic aortic aneurysms: Results from the population-based Heinz Nixdorf Recall study. <i>International Journal of Cardiology</i> , 2013, 163, 72-78.	0.8	109
10	Cardiovascular Adverse Events Associated With BRAF and MEK Inhibitors. <i>JAMA Network Open</i> , 2019, 2, e198890.	2.8	96
11	Progression of coronary artery calcification seems to be inevitable, but predictable - results of the Heinz Nixdorf Recall (HNR) study. <i>European Heart Journal</i> , 2014, 35, 2960-2971.	1.0	80
12	Effect of smoking and other traditional risk factors on the onset of coronary artery calcification: Results of the Heinz Nixdorf recall study. <i>Atherosclerosis</i> , 2014, 232, 339-345.	0.4	72
13	Association of epicardial adipose tissue and left atrial size on non-contrast CT with atrial fibrillation: The Heinz Nixdorf Recall Study. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 863-869.	0.5	69
14	Comparison of coronary artery calcification, carotid intima-media thickness and ankle-brachial index for predicting 10-year incident cardiovascular events in the general population. <i>European Heart Journal</i> , 2017, 38, 1815-1822.	1.0	68
15	Cardiac computed tomography-derived epicardial fat volume and attenuation independently distinguish patients with and without myocardial infarction. <i>PLoS ONE</i> , 2017, 12, e0183514.	1.1	62
16	Prevalence of thoracic aortic calcification and its relationship to cardiovascular risk factors and coronary calcification in an unselected population-based cohort: the Heinz Nixdorf Recall Study. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 207-216.	0.7	57
17	Quantitative assessment of left atrial volume by electrocardiographic-gated contrast-enhanced multidetector computed tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2009, 3, 80-87.	0.7	56
18	Pericoronary fat volume but not attenuation differentiates culprit lesions in patients with myocardial infarction. <i>Atherosclerosis</i> , 2018, 276, 182-188.	0.4	50

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19	Noncoronary Measures Enhance the Predictive Value of Cardiac CT Above Traditional Risk Factors and CAC Score in the General Population. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1177-1185.	2.3	44
20	NT-proBNP is superior to BNP for predicting first cardiovascular events in the general population: The Heinz Nixdorf Recall Study. <i>International Journal of Cardiology</i> , 2015, 183, 155-161.	0.8	41
21	Association of bilirubin with coronary artery calcification and cardiovascular events in the general population without known liver disease: the Heinz Nixdorf Recall study. <i>Clinical Research in Cardiology</i> , 2014, 103, 647-653.	1.5	38
22	Integrated FDG PET/MR Imaging for the Assessment of Myocardial Salvage in Reperfused Acute Myocardial Infarction. <i>Radiology</i> , 2015, 276, 400-407.	3.6	37
23	Aortic Calcification Onset and Progression: Association With the Development of Coronary Atherosclerosis. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	35
24	Association of aortic valve calcification to the presence, extent, and composition of coronary artery plaque burden: From the Rule Out Myocardial Infarction using Computer Assisted Tomography (ROMICAT) trial. <i>American Heart Journal</i> , 2009, 158, 562-568.	1.2	31
25	B-type natriuretic peptide for incident atrial fibrillation in the Heinz Nixdorf Recall Study. <i>Journal of Cardiology</i> , 2015, 65, 453-458.	0.8	31
26	Axial area and anteroposterior diameter as estimates of left atrial size using computed tomography of the chest: Comparison with 3-dimensional volume. <i>Journal of Cardiovascular Computed Tomography</i> , 2010, 4, 49-54.	0.7	30
27	Beyond Framingham risk factors and coronary calcification: does aortic valve calcification improve risk prediction? The Heinz Nixdorf Recall Study. <i>Heart</i> , 2014, 100, 930-937.	1.2	28
28	Simple area-based measurement for multidetector computed tomography to predict left ventricular size. <i>European Radiology</i> , 2010, 20, 1590-1596.	2.3	27
29	Coronary artery calcification outperforms thoracic aortic calcification for the prediction of myocardial infarction and all-cause mortality: The Heinz Nixdorf Recall Study. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 1163-1170.	0.8	26
30	Association of computed tomography-derived left atrial size with major cardiovascular events in the general population: The Heinz Nixdorf Recall Study. <i>International Journal of Cardiology</i> , 2014, 174, 318-323.	0.8	25
31	Recalibration of the ACC/AHA Risk Score in Two Population-Based German Cohorts. <i>PLoS ONE</i> , 2016, 11, e0164688.	1.1	24
32	Peripheral artery disease in Germany (2009-2018): Prevalence, frequency of specialized ambulatory care and use of guideline-recommended therapy - A population-based study. <i>Lancet Regional Health - Europe</i> , 2021, 5, 100113.	3.0	24
33	Is epicardial fat attenuation a novel marker of coronary inflammation?. <i>Atherosclerosis</i> , 2019, 284, 212-213.	0.4	23
34	Association between lipoprotein(a) (Lp(a)) levels and Lp(a) genetic variants with coronary artery calcification. <i>BMC Medical Genetics</i> , 2020, 21, 62.	2.1	23
35	Left atrial volume and index by multi-detector computed tomography: Comprehensive analysis from predictors of enlargement to predictive value for acute coronary syndrome (ROMICAT study). <i>International Journal of Cardiology</i> , 2011, 146, 171-176.	0.8	20
36	Coronary Artery Calcification, Intima-Media Thickness, and Ankle-Brachial Index Are Complementary Stroke Predictors. <i>Stroke</i> , 2014, 45, 2702-2709.	1.0	20

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37	The Heinz Nixdorf Recall Study and Its Potential Impact on the Adoption of Atherosclerosis Imaging in European Primary Prevention Guidelines. <i>Current Atherosclerosis Reports</i> , 2011, 13, 367-372.	2.0	19
38	Imaging of coronary inflammation for cardiovascular risk prediction. <i>Lancet</i> , The, 2018, 392, 894-896.	6.3	19
39	Global longitudinal strain is associated with better outcomes in transcatheter aortic valve replacement. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 267.	0.7	18
40	Association of progressive thoracic aortic calcification with future cardiovascular events and all-cause mortality: ability to improve risk prediction? Results of the Heinz Nixdorf Recall (HNR) study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 709-717.	0.5	17
41	Predicting risk of coronary events and all-cause mortality: role of B-type natriuretic peptide above traditional risk factors and coronary artery calcium scoring in the general population: the Heinz Nixdorf Recall Study. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 1171-1179.	0.8	16
42	Troponins and Natriuretic Peptides in Cardio-Oncology Patients—Data From the ECoR Registry. <i>Frontiers in Pharmacology</i> , 2020, 11, 740.	1.6	16
43	Epicardial Adipose Tissue Thickness Independently Predicts Severe Aortic Valve Stenosis. <i>Journal of Heart Valve Disease</i> , 2017, 26, 262-267.	0.5	16
44	Access site complications following Impella-supported high-risk percutaneous coronary interventions. <i>Scientific Reports</i> , 2019, 9, 17844.	1.6	15
45	Higher BNP/NT-pro BNP levels stratify prognosis equally well in patients with and without heart failure: a meta-analysis. <i>ESC Heart Failure</i> , 2022, 9, 3198-3209.	1.4	15
46	Left atrial size quantification using non-contrast-enhanced cardiac computed tomography—association with cardiovascular risk factors and gender-specific distribution in the general population: the Heinz Nixdorf Recall study. <i>Acta Radiologica</i> , 2014, 55, 917-925.	0.5	14
47	Assessment of coronary artery disease during hospitalization for cancer treatment. <i>Clinical Research in Cardiology</i> , 2021, 110, 200-210.	1.5	14
48	Socioeconomic Status Interacts with the Genetic Effect of a Chromosome 9p21.3 Common Variant to Influence Coronary Artery Calcification and Incident Coronary Events in the Heinz Nixdorf Recall Study (Risk Factors, Evaluation of Coronary Calcium, and Lifestyle). <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	13
49	Cardiovascular imaging in cardio-oncology. <i>Journal of Thoracic Disease</i> , 2018, 10, S4351-S4366.	0.6	13
50	Epicardial fat and incident heart failure with preserved ejection fraction in patients with coronary artery disease. <i>International Journal of Cardiology</i> , 2022, 357, 140-145.	0.8	13
51	Progression of coronary artery calcification—by cardiac computed tomography. <i>Herz</i> , 2015, 40, 863-868.	0.4	12
52	Disconcordance between ESC prevention guidelines and observed lipid profiles in patients with known coronary artery disease. <i>IJC Heart and Vasculature</i> , 2019, 22, 73-77.	0.6	12
53	Epicardial adipose tissue differentiates in patients with and without coronary microvascular dysfunction. <i>International Journal of Obesity</i> , 2021, 45, 2058-2063.	1.6	12
54	Gender Differences in Outpatient Peripheral Artery Disease Management in Germany: A Population Based Study 2009—2018. <i>European Journal of Vascular and Endovascular Surgery</i> , 2022, 63, 714-720.	0.8	12

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55	Epicardial adipose tissue is a robust measure of increased risk of myocardial infarction â€” a meta-analysis on over 6600 patients and rationale for the EPIC-ACS study. <i>Medicine (United States)</i> , 2021, 100, e28060.	0.4	12
56	Left Ventricular Diastolic Function Following Anthracycline-Based Chemotherapy in Patients with Breast Cancer without Previous Cardiac Diseaseâ€”A Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 3890.	1.0	11
57	Left ventricle size quantification using non-contrast-enhanced cardiac computed tomography â€” association with cardiovascular risk factors and coronary artery calcium score in the general population: The Heinz Nixdorf Recall Study. <i>Acta Radiologica</i> , 2015, 56, 933-942.	0.5	10
58	N-Terminal Pro-B Type Natriuretic Peptide is Associated with Mild Cognitive Impairment in the General Population. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 359-369.	1.2	10
59	Diagnostic value of the modified Duke criteria in suspected infective endocarditis â€”The PRO-ENDOCARDITIS study. <i>International Journal of Infectious Diseases</i> , 2021, 104, 556-561.	1.5	10
60	Comparison of Lipoprotein(a)-Levels in Patients â‰¥70 Years of Age With Versus Without Aortic Valve Stenosis. <i>American Journal of Cardiology</i> , 2018, 122, 645-649.	0.7	8
61	Thoracic adipose tissue density as a novel marker of increased cardiovascular risk. <i>Atherosclerosis</i> , 2018, 279, 91-92.	0.4	7
62	Genetic risk scores for coronary artery disease and its traditional risk factors: Their role in the progression of coronary artery calcificationâ€”Results of the Heinz Nixdorf Recall study. <i>PLoS ONE</i> , 2020, 15, e0232735.	1.1	7
63	Association of computed tomography-derived left ventricular size with major cardiovascular events in the general population: The Heinz Nixdorf recall study. <i>Atherosclerosis</i> , 2015, 240, 46-52.	0.4	6
64	Safety and efficacy of a novel algorithm to guide decision-making in high-risk interventional coronary procedures. <i>International Journal of Cardiology</i> , 2020, 299, 87-92.	0.8	6
65	Feasibility of a Novel Transcatheter Valve Repair System to Treat Tricuspid Regurgitation in ccTGA. <i>JACC: Case Reports</i> , 2021, 3, 893-896.	0.3	6
66	Radiomic Assessment of Pericoronary Adipose Tissue. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2384-2385.	2.3	5
67	A clinical perspective on the 2019 ESC/EAS guidelines for the management of dyslipidaemias: PCSK-9 inhibitors for all?. <i>European Heart Journal</i> , 2020, 41, 2331-2331.	1.0	5
68	Risk stratification and mortality prediction in octo- and nonagenarians with peripheral artery disease: a retrospective analysis. <i>BMC Cardiovascular Disorders</i> , 2021, 21, 370.	0.7	5
69	Utilization of IVUS improves all-cause mortality in patients undergoing invasive coronary angiography. <i>Atherosclerosis Plus</i> , 2021, 43, 10-17.	0.3	5
70	Routine CAC-scoring prior to initiation of statin therapy â€” a European perspective. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1559-1561.	0.8	4
71	Efficacy of lipid-lowering therapy beyond statins to prevent cardiovascular events: a meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 1675-1678.	0.8	4
72	Impact of left-ventricular end-diastolic pressure as a predictor of periprocedural hemodynamic deterioration in patients undergoing Impella supported high-risk percutaneous coronary interventions. <i>IJC Heart and Vasculature</i> , 2020, 26, 100445.	0.6	4

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73	ECG Scoring for the Evaluation of Therapy-Na <sup>+</sup> ve Cancer Patients to Predict Cardiotoxicity. <i>Cancers</i> , 2021, 13, 1197.	1.7	4
74	Treatment Patterns of Lipid-Lowering Therapy in Patients with Coronary Artery Disease Aged Above and Below 75 Years: A Retrospective Cross-Sectional Study of 1500 Patients in a Tertiary Care Referral Center in Germany. <i>Drugs and Aging</i> , 2020, 37, 521-527.	1.3	3
75	Impact of Diabetes Mellitus on Outcomes after High-Risk Interventional Coronary Procedures. <i>Journal of Clinical Medicine</i> , 2020, 9, 3414.	1.0	2
76	Association of echocardiographic measures of left ventricular diastolic dysfunction and hypertrophy with presence of coronary microvascular dysfunction. <i>IJC Heart and Vasculature</i> , 2020, 27, 100493.	0.6	2
77	Cardiac Metabolic Implications of Fat Depot Imaging. <i>Current Cardiovascular Imaging Reports</i> , 2020, 13, 1.	0.4	2
78	Socioeconomic position is associated with N-terminal pro-brain natriuretic peptide (NT-proBNP) – Results of the population-based Heinz Nixdorf Recall study. <i>PLoS ONE</i> , 2021, 16, e0255786.	1.1	2
79	Apixaban versus Phenprocoumon: Oral AntiCoagulation plus antiplatelet therapy in patients with Acute Coronary Syndrome and Atrial Fibrillation (APPROACH-ACS-AF). <i>IJC Heart and Vasculature</i> , 2021, 35, 100810.	0.6	2
80	Implications of Alterations in Pre-test Probability in the 2019 Update of ESC Guidelines for Chronic Coronary Syndromes on Diagnostic Accuracy of Pharmacological Stress-Echocardiography: A Retrospective Cohort Study. <i>Journal of Cardiovascular Imaging</i> , 2021, 29, 160.	0.2	1
81	Epicardial Adipose Tissue: New Kid on the Block. <i>Current Cardiovascular Risk Reports</i> , 2014, 8, 1.	0.8	0
82	Weightlifting unmasks high-risk coronary anomaly. <i>European Heart Journal</i> , 2019, 40, 72-72.	1.0	0
83	Computed Tomography Imaging of Epicardial Adipose Tissue. <i>Contemporary Cardiology</i> , 2020, , 55-70.	0.0	0