

Kenneth Caidahl

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114
papers

3,343
citations

29
h-index

56
g-index

122
ext. papers

3,849
ext. citations

4.8
avg. IF

4.81
L-index

#	Paper	IF	Citations
114	Plasma brain natriuretic peptide as an indicator of left ventricular systolic function and long-term survival after acute myocardial infarction. Comparison with plasma atrial natriuretic peptide and N-terminal proatrial natriuretic peptide. <i>Circulation</i> , 1996 , 93, 1963-9	16.7	491
113	N-terminal pro-B-type natriuretic peptide and long-term mortality in acute coronary syndromes. <i>Circulation</i> , 2002 , 106, 2913-8	16.7	458
112	Circulating osteoprotegerin levels and long-term prognosis in patients with acute coronary syndromes. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 627-33	15.1	161
111	miR-24 limits aortic vascular inflammation and murine abdominal aneurysm development. <i>Nature Communications</i> , 2014 , 5, 5214	17.4	152
110	Investigation of tyrosine nitration in proteins by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2001 , 36, 616-25	2.2	129
109	Role of the CHADS2 score in acute coronary syndromes: risk of subsequent death or stroke in patients with and without atrial fibrillation. <i>Chest</i> , 2012 , 141, 1431-1440	5.3	97
108	Long-term cardiovascular effects of growth hormone treatment in GH-deficient adults. Preliminary data in a small group of patients. <i>Clinical Endocrinology</i> , 1996 , 45, 305-14	3.4	86
107	Correlation between increased nitric oxide production and markers of endothelial activation in systemic sclerosis: findings with the soluble adhesion molecules E-selectin, intercellular adhesion molecule 1, and vascular cell adhesion molecule 1. <i>Arthritis and Rheumatism</i> , 2000 , 43, 1085-93		79
106	Afternoon exercise is more efficacious than morning exercise at improving blood glucose levels in individuals with type 2 diabetes: a randomised crossover trial. <i>Diabetologia</i> , 2019 , 62, 233-237	10.3	72
105	Recent methodological advances in the mass spectrometric analysis of free and protein-associated 3-nitrotyrosine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 814, 1-9	3.2	71
104	Magnetite nanoparticles can be coupled to microbubbles to support multimodal imaging. <i>Biomacromolecules</i> , 2012 , 13, 1390-9	6.9	64
103	Chromatographic and mass spectrometric methods for quantitative determination of 3-nitrotyrosine in biological samples and their application to human samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 851, 160-71	3.2	62
102	Changes in early and late diastolic filling patterns induced by long-term adrenergic beta-blockade in patients with idiopathic dilated cardiomyopathy. <i>Circulation</i> , 1996 , 94, 673-82	16.7	61
101	Cerebrospinal fluid levels of free 3-nitrotyrosine are not elevated in the majority of patients with amyotrophic lateral sclerosis or Alzheimer's disease. <i>Neurochemistry International</i> , 2004 , 45, 57-62	4.4	59
100	Arterial stiffness estimation in healthy subjects: a validation of oscillometric (Arteriograph) and tonometric (SphygmoCor) techniques. <i>Hypertension Research</i> , 2014 , 37, 999-1007	4.7	54
99	Circulating Exosomal miR-20b-5p Is Elevated in Type 2 Diabetes and Could Impair Insulin Action in Human Skeletal Muscle. <i>Diabetes</i> , 2019 , 68, 515-526	0.9	54
98	CRP, interleukin-6, secretory phospholipase A2 group IIA, and intercellular adhesion molecule-1 during the early phase of acute coronary syndromes and long-term follow-up. <i>International Journal of Cardiology</i> , 2006 , 108, 55-62	3.2	50

97	A derivatization assay using gaschromatography/negative chemical ionization tandem mass spectrometry to quantify 3-nitrotyrosine in human plasma. <i>Journal of Mass Spectrometry</i> , 2003 , 38, 1187-96	2.2	41
96	Bicuspid aortic valve leaflet morphology in relation to aortic root morphology: a study of 300 patients undergoing open-heart surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2011 , 40, e118-24	3	39
95	Diurnal variation of flow-mediated vasodilation in healthy premenopausal women. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000 , 279, H2720-5	5.2	39
94	Selective quantification of free 3-nitrotyrosine in exhaled breath condensate in asthma using gas chromatography/tandem mass spectrometry. <i>Nitric Oxide - Biology and Chemistry</i> , 2005 , 13, 134-44	5	38
93	Osteoprotegerin: a biomarker with many faces. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1684-6	9.4	35
92	IgM-phosphorylcholine autoantibodies and outcome in acute coronary syndromes. <i>International Journal of Cardiology</i> , 2013 , 167, 464-9	3.2	34
91	Treatment and short-term outcome in women and men with acute coronary syndromes. <i>International Journal of Cardiology</i> , 2005 , 103, 120-7	3.2	34
90	Spectrum of acute coronary syndromes: history and clinical presentation in relation to sex and age. <i>Cardiology</i> , 2004 , 102, 67-76	1.6	34
89	Shear Wave Elastography Quantifies Stiffness in ExVivo Porcine Artery with Stiffened Arterial Region. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 2423-35	3.5	33
88	Risk Factors and Markers for Acute Myocardial Infarction With Angiographically Normal Coronary Arteries. <i>American Journal of Cardiology</i> , 2015 , 116, 838-44	3	31
87	Early heart failure in the population. The study of men born in 1913. <i>Acta Medica Scandinavica</i> , 1988 , 223, 197-209		30
86	Direct effects of exercise on kynurenine metabolism in people with normal glucose tolerance or type 2 diabetes. <i>Diabetes/Metabolism Research and Reviews</i> , 2016 , 32, 754-761	7.5	29
85	Valvular osteoclasts in calcification and aortic valve stenosis severity. <i>International Journal of Cardiology</i> , 2013 , 168, 2264-71	3.2	28
84	Relief of symptoms and improvement of health-related quality of life five years after coronary artery bypass graft in women and men. <i>Clinical Cardiology</i> , 2001 , 24, 385-92	3.3	28
83	Changes in gene expression in responders and nonresponders to a low-intensity walking intervention. <i>Diabetes Care</i> , 2015 , 38, 1154-60	14.6	27
82	Novel Multiomics Profiling of Human Carotid Atherosclerotic Plaques and Plasma Reveals Biliverdin Reductase B as a Marker of Intraplaque Hemorrhage. <i>JACC Basic To Translational Science</i> , 2018 , 3, 464-480	8.7	27
81	Multimodality imaging using SPECT/CT and MRI and ligand functionalized 99mTc-labeled magnetic microbubbles. <i>EJNMMI Research</i> , 2013 , 3, 12	3.6	26
80	Ultrasound speckle tracking strain estimation of in vivo carotid artery plaque with in vitro sonomicrometry validation. <i>Ultrasound in Medicine and Biology</i> , 2015 , 41, 77-88	3.5	25

79	Fluorescence labeled microbubbles for multimodal imaging. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 464, 737-42	3.4	24
78	Elastic properties of the descending aorta in patients with a bicuspid or tricuspid aortic valve and aortic valvular disease. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 393-404	5.8	24
77	Secular changes in cardiovascular risk factors in Swedish 50-year-old men over a 50-year period: The study of men born in 1913, 1923, 1933, 1943, 1953 and 1963. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 612-620	3.9	24
76	Resolution of Inflammation Through the Lipoxin and ALX/FPR2 Receptor Pathway Protects Against Abdominal Aortic Aneurysms. <i>JACC Basic To Translational Science</i> , 2018 , 3, 719-727	8.7	24
75	The risk of atrial fibrillation in the general male population: a lifetime follow-up of 50-year-old men. <i>Europace</i> , 2015 , 17, 1018-22	3.9	23
74	Effect of Myocardial Infarction With Nonobstructive Coronary Arteries on Physical Capacity and Quality-of-Life. <i>American Journal of Cardiology</i> , 2017 , 120, 341-346	3	22
73	Prevalence of Anxiety and Depression Symptoms in Patients with Myocardial Infarction with Non-Obstructive Coronary Arteries. <i>American Journal of Medicine</i> , 2018 , 131, 1118-1124	2.4	20
72	Impact of changes in heart rate with age on all-cause death and cardiovascular events in 50-year-old men from the general population. <i>Open Heart</i> , 2019 , 6, e000856	3	19
71	Value of the QRS-T area angle in improving the prediction of sudden cardiac death after acute coronary syndromes. <i>International Journal of Cardiology</i> , 2016 , 218, 1-11	3.2	16
70	Aortic valve type and calcification as assessed by transthoracic and transoesophageal echocardiography. <i>Clinical Physiology and Functional Imaging</i> , 2015 , 35, 306-13	2.4	15
69	Association between left atrial enlargement and obstructive sleep apnea in a general population of 71-year-old men. <i>Journal of Sleep Research</i> , 2018 , 27, 252-258	5.8	14
68	Reduction of the nitro group during sample preparation may cause underestimation of the nitration level in 3-nitrotyrosine immunoblotting. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 851, 277-86	3.2	14
67	Multimarker risk assessment including osteoprotegerin and CXCL16 in acute coronary syndromes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 3041-9	9.4	13
66	Human serum albumin-based probes for molecular targeting of macrophage scavenger receptors. <i>International Journal of Nanomedicine</i> , 2019 , 14, 3723-3741	7.3	12
65	Hyperglycemia Induces Myocardial Dysfunction via Epigenetic Regulation of JunD. <i>Circulation Research</i> , 2020 , 127, 1261-1273	15.7	12
64	Long-Term Improvement in Aortic Pulse Wave Velocity After Weight Loss Can Be Predicted by White Adipose Tissue Factors. <i>American Journal of Hypertension</i> , 2018 , 31, 450-457	2.3	11
63	Cysteinyl leukotriene receptor 1 antagonism prevents experimental abdominal aortic aneurysm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1907-1912	11.5	10
62	Although Coronary Mortality Has Decreased, Rates of Cardiovascular Disease Remain High: 21 Years of Follow-Up Comparing Cohorts of Men Born in 1913 With Men Born in 1943. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	10

61	The association of body mass index, weight gain and central obesity with activity-related breathlessness: the Swedish Cardiopulmonary Bioimage Study. <i>Thorax</i> , 2019 , 74, 958-964	7.3	9
60	Ascending aortic dilatation is rarely associated with coronary artery disease regardless of aortic valve morphology. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 2973-80.e1	1.5	9
59	Atrial natriuretic peptide as a predictor of atrial fibrillation in a male population study. The Study of Men Born in 1913 and 1923. <i>International Journal of Cardiology</i> , 2014 , 171, 44-8	3.2	9
58	Cellular Uptake of Plain and SPION-Modified Microbubbles for Potential Use in Molecular Imaging. <i>Cellular and Molecular Bioengineering</i> , 2017 , 10, 537-548	3.9	9
57	Influence of physical activity and gender on arterial function in type 2 diabetes, normal and impaired glucose tolerance. <i>Diabetes and Vascular Disease Research</i> , 2015 , 12, 315-24	3.3	9
56	Effect of enalapril initiated early after acute myocardial infarction on heart failure parameters, with reference to clinical class and echocardiographic determinants. CONSENSUS II Multi-Echo Study Group. <i>Clinical Cardiology</i> , 1996 , 19, 543-8	3.3	9
55	Serum neutrophil gelatinase-associated lipocalin (NGAL) concentration is independently associated with mortality in patients with acute coronary syndrome. <i>International Journal of Cardiology</i> , 2018 , 262, 79-84	3.2	8
54	Molecular Imaging of a New Multimodal Microbubble for Adhesion Molecule Targeting. <i>Cellular and Molecular Bioengineering</i> , 2019 , 12, 15-32	3.9	8
53	Early Comprehensive Cardiovascular Magnetic Resonance Imaging in Patients With Myocardial Infarction With Nonobstructive Coronary Arteries. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1774-1783	8.4	8
52	Secreted Frizzled-Related Protein 3 (sFRP3) in acute coronary syndromes. <i>International Journal of Cardiology</i> , 2015 , 190, 217-9	3.2	7
51	Cardiovascular magnetic resonance 4D flow analysis has a higher diagnostic yield than Doppler echocardiography for detecting increased pulmonary artery pressure. <i>BMC Medical Imaging</i> , 2020 , 20, 28	2.9	7
50	Transient repolarization alterations dominate the initial phase of an acute anterior infarction--a vectorcardiography study. <i>Journal of Electrocardiology</i> , 2014 , 47, 478-85	1.4	7
49	Real-time imaging required for optimal echocardiographic assessment of aortic valve calcification. <i>Clinical Physiology and Functional Imaging</i> , 2012 , 32, 470-5	2.4	7
48	Five-year mortality in patients with acute chest pain in relation to smoking habits. <i>Clinical Cardiology</i> , 2000 , 23, 84-90	3.3	7
47	Comprehensive Cardiovascular Magnetic Resonance Diastolic Dysfunction Grading Shows Very Good Agreement Compared With Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2530-2542	8.4	7
46	Personality Traits in Patients with Myocardial Infarction with Nonobstructive Coronary Arteries. <i>American Journal of Medicine</i> , 2019 , 132, 374-381.e1	2.4	7
45	Gradual reduction in exercise capacity in chronic kidney disease is associated with systemic oxygen delivery factors. <i>PLoS ONE</i> , 2018 , 13, e0209325	3.7	7
44	Contrast Enhancement and Image Quality Influence Two- and Three-dimensional Echocardiographic Determination of Left Ventricular Volumes: Comparison With Magnetic Resonance Imaging. <i>Clinical Medicine Insights: Cardiology</i> , 2019 , 13, 1179546819831980	3.2	6

43	Visualization of multimodal polymer-shelled contrast agents using ultrasound contrast sequences: an experimental study in a tissue mimicking flow phantom. <i>Cardiovascular Ultrasound</i> , 2013 , 11, 33	2.4	6
42	Investigation of the elimination process of a multimodal polymer-shelled contrast agent in rats using ultrasound and transmission electron microscopy. <i>Biomedical Spectroscopy and Imaging</i> , 2015 , 4, 81-93	1.3	6
41	Growth hormone alone or combined with metoprolol preserves cardiac function after myocardial infarction in rats. <i>European Journal of Heart Failure</i> , 2001 , 3, 651-60	12.3	6
40	Prevalence and risk factors of aortic stenosis and aortic sclerosis: a 21-year follow-up of middle-aged men. <i>Scandinavian Cardiovascular Journal</i> , 2020 , 54, 115-123	2	6
39	Sector-wise golden-angle phase contrast with high temporal resolution for evaluation of left ventricular diastolic dysfunction. <i>Magnetic Resonance in Medicine</i> , 2020 , 83, 1310-1321	4.4	6
38	Neither endothelial function nor carotid artery intima-media thickness predicts coronary computed tomography angiography plaque burden in clinically healthy subjects: a cross-sectional study. <i>BMC Cardiovascular Disorders</i> , 2015 , 15, 63	2.3	5
37	Circumferential strain by velocity vector imaging and speckle-tracking echocardiography: validation against sonomicrometry in an aortic phantom. <i>Clinical Physiology and Functional Imaging</i> , 2018 , 38, 269-277	2.4	5
36	Assessment of Global Lung Function Initiative (GLI) reference equations for diffusing capacity in relation to respiratory burden in the Swedish CardioPulmonary bioImage Study (SCAPIS). <i>European Respiratory Journal</i> , 2020 , 56,	13.6	5
35	Changes in Vitamin D Status in Overweight Middle-Aged Adults with or without Impaired Glucose Metabolism in Two Consecutive Nordic Summers. <i>Journal of Nutrition and Metabolism</i> , 2019 , 2019, 1840374	3.74	4
34	Glycolaldehyde and maleyl conjugated human serum albumin as potential macrophage-targeting carriers for molecular imaging purposes. <i>Contrast Media and Molecular Imaging</i> , 2015 , 10, 37-42	3.2	4
33	Endocardial border delineation capability of a novel multimodal polymer-shelled contrast agent. <i>Cardiovascular Ultrasound</i> , 2014 , 12, 24	2.4	4
32	Mortality, risk indicators for death, and mode of death in younger and elderly patients during five years after coronary artery bypass graft. <i>Clinical Cardiology</i> , 2000 , 23, 421-6	3.3	4
31	Molecular Imaging of Inflammation in a Mouse Model of Atherosclerosis Using a Zirconium-89-Labeled Probe. <i>International Journal of Nanomedicine</i> , 2020 , 15, 6137-6152	7.3	4
30	Intima-media thickness of the descending aorta in patients with bicuspid aortic valve. <i>IJC Heart and Vasculature</i> , 2016 , 11, 74-79	2.4	4
29	Noninvasive in vivo Assessment of the Re-endothelialization Process Using Ultrasound Biomicroscopy in the Rat Carotid Artery Balloon Injury Model. <i>Journal of Ultrasound in Medicine</i> , 2019 , 38, 1723-1731	2.9	4
28	High-normal blood pressure conferred higher risk of cardiovascular disease in a random population sample of 50-year-old men: A 21-year follow-up. <i>Medicine (United States)</i> , 2020 , 99, e19895	1.8	3
27	A genome-wide association study of IgM antibody against phosphorylcholine: shared genetics and phenotypic relationship to chronic lymphocytic leukemia. <i>Human Molecular Genetics</i> , 2018 , 27, 1809-1818	5.6	3
26	Aspects of carotid structure and function in health and different stages of chronic kidney disease. <i>Clinical Physiology and Functional Imaging</i> , 2018 , 38, 402-408	2.4	3

25	Natriuretic and Inflammatory Biomarkers as Risk Predictors of Heart Failure in Middle-Aged Men From the General Population: A 21-Year Follow-Up. <i>Journal of Cardiac Failure</i> , 2018 , 24, 594-600	3.3	3
24	Impact of a History of Hypertension on Symptoms and Quality of Life Prior to and at Five Years after Coronary Artery Bypass Grafting. <i>Blood Pressure</i> , 2000 , 9, 52-63	1.7	3
23	Chronic airflow limitation and its relation to respiratory symptoms among ever-smokers and never-smokers: a cross-sectional study. <i>BMJ Open Respiratory Research</i> , 2020 , 7,	5.6	3
22	Generalization of three-dimensional golden-angle radial acquisition to reduce eddy current artifacts in bSSFP CMR imaging. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2021 , 34, 109-118	2.8	3
21	The incidence of atrial fibrillation and the added value of thumb ECG for detecting new cases. <i>Scandinavian Cardiovascular Journal</i> , 2018 , 52, 256-261	2	3
20	Homeostatic Chemokines and Prognosis in Patients With Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 774-782	15.1	2
19	Shear wave elastography for characterization of carotid artery plaques - A feasibility study in an experimental setup 2012 ,		2
18	High prevalence of cardiac dysfunction or overt heart failure in 71-year-old men: A 21-year follow-up of "The Study of men born in 1943". <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 717-723	2.9	2
17	Plasma catecholamine levels in the acute and subacute stages of takotsubo syndrome: Results from the Stockholm myocardial infarction with normal coronaries 2 study. <i>Clinical Cardiology</i> , 2021 , 44, 1567-1574	3.3	2
16	Lack of PCSK6 Increases Flow-Mediated Outward Arterial Remodeling in Mice. <i>Cells</i> , 2020 , 9,	7.9	1
15	Aortic versus carotid intima-media thickness and impact of aortic valve disease. <i>Clinical Physiology and Functional Imaging</i> , 2018 , 38, 895-902	2.4	1
14	Importance of software version for measurement of arterial stiffness: Arteriograph as an example. <i>PLoS ONE</i> , 2018 , 13, e0197019	3.7	1
13	Diffusely Increased Myocardial Extracellular Volume With or Without Focal Late Gadolinium Enhancement: Prevalence and Associations With Left Ventricular Size and Function. <i>Journal of Thoracic Imaging</i> , 2022 , 37, 17-25	5.6	1
12	Cardiovascular changes in patients with mild-to-moderate chronic kidney disease compared with healthy subjects: a 5-year follow-up study. <i>Clinical Physiology and Functional Imaging</i> , 2020 , 40, 91-98	2.4	1
11	A negative T-wave in electrocardiogram at 50 years predicted lifetime mortality in a random population-based cohort. <i>Clinical Cardiology</i> , 2020 , 43, 1279-1285	3.3	1
10	The ratio FEV /FVC and its association to respiratory symptoms-A Swedish general population study. <i>Clinical Physiology and Functional Imaging</i> , 2021 , 41, 181-191	2.4	1
9	Pre- and postoperative left atrial and ventricular volumetric and deformation analyses in severe aortic regurgitation. <i>Cardiovascular Ultrasound</i> , 2021 , 19, 14	2.4	1
8	Incremental changes in QRS duration as predictor for cardiovascular disease: a 21-year follow-up of a randomly selected general population. <i>Scientific Reports</i> , 2021 , 11, 13652	4.9	1

7	Plaque Evaluation by Ultrasound and Transcriptomics Reveals BCLAF1 as a Regulator of Smooth Muscle Cell Lipid Transdifferentiation in Atherosclerosis.. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022 , ATVBAHA121317018	9.4	1
6	Projection-based respiratory-resolved left ventricular volume measurements in patients using free-breathing double golden-angle 3D radial acquisition. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2019 , 32, 331-341	2.8	0
5	Effect of growth hormone treatment on circulating levels of NT-proBNP in patients with ischemic heart failure. <i>Growth Hormone and IGF Research</i> , 2020 , 55, 101359	2	0
4	Seventeen-Year Mortality following the Acute Coronary Syndrome: Gender-Specific Baseline Variables and Impact on Outcome. <i>Cardiology</i> , 2019 , 143, 22-31	1.6	0
3	Comparison of incidence rates and risk factors of heart failure between two male cohorts born 30 years apart. <i>Heart</i> , 2020 , 106, 1672-1678	5.1	
2	Lifetime risk of stroke in the general male population. <i>Acta Neurologica Scandinavica</i> , 2020 , 142, 30-36	3.8	
1	Plasma renin activity has a complex prognostic role in patients with acute coronary syndromes. <i>International Journal of Cardiology</i> , 2021 , 329, 198-204	3.2	