

Stein Årn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4836593/publications.pdf>

Version: 2024-02-01

58
papers

1,681
citations

279487

23
h-index

288905

40
g-index

59
all docs

59
docs citations

59
times ranked

2877
citing authors

#	ARTICLE	IF	CITATIONS
1	Microvascular obstruction is a major determinant of infarct healing and subsequent left ventricular remodelling following primary percutaneous coronary intervention. <i>European Heart Journal</i> , 2009, 30, 1978-1985.	1.0	163
2	Effect of Left Ventricular Scar Size, Location, and Transmurality on Left Ventricular Remodeling With Healed Myocardial Infarction. <i>American Journal of Cardiology</i> , 2007, 99, 1109-1114.	0.7	144
3	C-reactive protein, infarct size, microvascular obstruction, and left-ventricular remodelling following acute myocardial infarction. <i>European Heart Journal</i> , 2009, 30, 1180-1186.	1.0	143
4	Diagnostic Capability and Reproducibility of Strain by Doppler and by Speckle Tracking in Patients With Acute Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 24-33.	2.3	118
5	Recurrent infarction causes the most deaths following myocardial infarction with left ventricular dysfunction. <i>American Journal of Medicine</i> , 2005, 118, 752-758.	0.6	80
6	Increased interleukin-1 β levels are associated with left ventricular hypertrophy and remodelling following acute ST segment elevation myocardial infarction treated by primary percutaneous coronary intervention. <i>Journal of Internal Medicine</i> , 2012, 272, 267-276.	2.7	72
7	Duration of Myocardial Early Systolic Lengthening Predicts the Presence of Significant Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1086-1093.	1.2	66
8	Comparison of Left Ventricular Ejection Fraction and Left Ventricular Global Strain as Determinants of Infarct Size in Patients with Acute Myocardial Infarction. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 1232-1238.	1.2	65
9	Myocardial Connective Tissue Growth Factor (CCN2/CTGF) Attenuates Left Ventricular Remodeling after Myocardial Infarction. <i>PLoS ONE</i> , 2012, 7, e52120.	1.1	54
10	Cardiac magnetic resonance image-based classification of the risk of arrhythmias in post-myocardial infarction patients. <i>Artificial Intelligence in Medicine</i> , 2015, 64, 205-215.	3.8	47
11	Increased Systemic and Local Interleukin 9 Levels in Patients with Carotid and Coronary Atherosclerosis. <i>PLoS ONE</i> , 2013, 8, e72769.	1.1	47
12	Plasma MMP-2, MMP-9 and N-BNP in Long-Term Survivors Following Complicated Myocardial Infarction: Relation to Cardiac Magnetic Resonance Imaging Measures of Left Ventricular Structure and Function. <i>Journal of Cardiac Failure</i> , 2007, 13, 843-849.	0.7	40
13	The prognostic value of circulating markers of collagen turnover after acute myocardial infarction. <i>International Journal of Cardiology</i> , 2011, 150, 277-282.	0.8	40
14	Safety and health status following early discharge in patients with acute myocardial infarction treated with primary PCI: a randomized trial. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1427-1434.	0.8	40
15	Exercise-Induced Cardiac Troponin Elevations: From Underlying Mechanisms to Clinical Relevance. <i>Circulation</i> , 2021, 144, 1955-1972.	1.6	40
16	Training, Performance, and Physiological Predictors of a Successful Elite Senior Career in Junior Competitive Road Cyclists. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 1287-1292.	1.1	36
17	Clustering of 37 circulating biomarkers by exploratory factor analysis in patients following complicated acute myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 166, 729-735.	0.8	32
18	Usefulness of Either or Both Left and Right Bundle Branch Block at Baseline or During Follow-Up for Predicting Death in Patients Following Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2007, 99, 647-650.	0.7	31

#	ARTICLE	IF	CITATIONS
19	The Chemokine Network in Relation to Infarct Size and Left Ventricular Remodeling Following Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2009, 104, 1179-1183.	0.7	31
20	Highly increased Troponin I levels following high-intensity endurance cycling may detect subclinical coronary artery disease in presumably healthy leisure sport cyclists: The North Sea Race Endurance Exercise Study (NEEDED) 2013. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 885-894.	0.8	31
21	The relationship between markers of extracellular cardiac matrix turnover: infarct healing and left ventricular remodelling following primary PCI in patients with first-time STEMI. <i>European Heart Journal</i> , 2014, 35, 395-402.	1.0	28
22	Race duration and blood pressure are major predictors of exercise-induced cardiac troponin elevation. <i>International Journal of Cardiology</i> , 2019, 283, 1-8.	0.8	28
23	Plasma Natriuretic Peptides up to 2 Years After Acute Myocardial Infarction and Relation to Prognosis: An OPTIMAAL Substudy. <i>Journal of Cardiac Failure</i> , 2005, 11, 492-497.	0.7	24
24	The cardiac troponin response following physical exercise in relation to biomarker criteria for acute myocardial infarction; the North Sea Race Endurance Exercise Study (NEEDED) 2013. <i>Clinica Chimica Acta</i> , 2018, 479, 155-159.	0.5	24
25	Probability mapping of scarred myocardium using texture and intensity features in CMR images. <i>BioMedical Engineering OnLine</i> , 2013, 12, 91.	1.3	23
26	6Åmin walk test is a strong independent predictor of death in outpatients with heart failure. <i>ESC Heart Failure</i> , 2020, 7, 2904-2911.	1.4	23
27	Exploratory data analysis of image texture and statistical features on myocardium and infarction areas in cardiac magnetic resonance images. , 2010, 2010, 5728-31.		22
28	Occult obstructive coronary artery disease is associated with prolonged cardiac troponin elevation following strenuous exercise. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 1212-1221.	0.8	22
29	Intravenous immunoglobulin does not reduce left ventricular remodeling in patients with myocardial dysfunction during hospitalization after acute myocardial infarction. <i>International Journal of Cardiology</i> , 2013, 168, 212-218.	0.8	21
30	Circulating Galectin-3 Levels Are Increased in Patients with Ischemic Heart Disease, but Are Not Influenced by Acute Myocardial Infarction. <i>Cardiology</i> , 2016, 134, 398-405.	0.6	20
31	Duration of Elevated Heart Rate Is an Important Predictor of Exercise-Induced Troponin Elevation. <i>Journal of the American Heart Association</i> , 2020, 9, e014408.	1.6	19
32	The heart rate of ventricular tachycardia following an old myocardial infarction is inversely related to the size of scarring. <i>Europace</i> , 2011, 13, 864-868.	0.7	18
33	Mean Strain Throughout the Heart Cycle by Longitudinal Two-Dimensional Speckle-Tracking Echocardiography Enables Early Prediction of Infarct Size. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 1118-1125.	1.2	15
34	High physical fitness is associated with reduction in basal- and exercise-induced inflammation. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 172-179.	1.3	11
35	Segmentation of scarred and non-scarred myocardium in LG enhanced CMR images using intensity-based textural analysis. , 2011, 2011, 5698-701.		9
36	Endurance exercise training volume is not associated with progression of coronary artery calcification. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1024-1032.	1.3	8

#	ARTICLE	IF	CITATIONS
37	Comparing a novel automatic 3D method for LGE-CMR quantification of scar size with established methods. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 339-347.	0.7	7
38	Does a normal peripheral lactate value always indicate an aerobic tissue metabolism?. <i>European Journal of Heart Failure</i> , 2017, 19, 1034-1035.	2.9	7
39	The prediction of adverse cardiac remodelling following myocardial infarction: defining the need for a dynamic multimarker approach. <i>Heart</i> , 2012, 98, 1112-1113.	1.2	4
40	A texture-based probability mapping for localisation of clinically important cardiac segments in the myocardium in cardiac magnetic resonance images from myocardial infarction patients. , 2014, , .		4
41	The copeptin response after physical activity is not associated with cardiac biomarkers or asymptomatic coronary artery disease: The North Sea Race Endurance Exercise Study (NEEDED) 2013. <i>Clinical Biochemistry</i> , 2018, 52, 8-12.	0.8	3
42	The relationship between Fibroblast Growth Factor 23 (FGF23) and cardiac MRI findings following primary PCI in patients with acute first time STEMI. <i>IJC Heart and Vasculature</i> , 2021, 33, 100727.	0.6	3
43	Determinants of Interindividual Variation in Exerciseâ€­induced Cardiac Troponin I Levels. <i>Journal of the American Heart Association</i> , 2021, 10, e021710.	1.6	3
44	Neurohormonal inhibition in heart failure, is there no limit?. <i>European Heart Journal</i> , 2003, 24, 1705-1706.	1.0	2
45	Automatic detection of microvascular obstruction in patients with myocardial infarction. , 2015, , .		2
46	High Frequency Noise Detection and Handling in ECG Signals. , 2018, , .		2
47	Highâ€­sensitivity Cardiac Troponin I and T Response Following Strenuous Activity is Attenuated by Smokeless Tobacco: NEEDED (North Sea Race Endurance Exercise Study) 2014. <i>Journal of the American Heart Association</i> , 2020, 9, e017363.	1.6	2
48	Invariant Mean Electrical Axis in Electrocardiogram. , 0, , .		2
49	Texture classification of scarred and non-scarred myocardium in cardiac MRI using learned dictionaries. , 2011, , .		1
50	P-wave axis as a predictor of mortality. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1991-1993.	0.8	1
51	The North Sea Bicycle Race ECG Project: Time-Domain Analysis. , 0, , .		1
52	Endurance exercise and myocardial injury. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 316-317.	0.8	1
53	ECG Signal Analysis for Troponin Level Assessment and Coronary Artery Disease Detection: the NEEDED Study 2014. , 0, , .		1
54	The relationship between transmuralty of ischemic scars and the heart rate of ventricular tachycardia. <i>Scandinavian Cardiovascular Journal</i> , 2015, 49, 241-248.	0.4	0

#	ARTICLE	IF	CITATIONS
55	The Localization and Characterization of Ischemic Scars in relation to the Infarct Related Coronary Artery Assessed by Cardiac Magnetic Resonance and a Novel Automatic Postprocessing Method. <i>Cardiology Research and Practice</i> , 2015, 2015, 1-9.	0.5	0
56	Growth Mixture Modeling: The New Statistical Kid on the Block?. <i>Journal of Cardiac Failure</i> , 2015, 21, 446-447.	0.7	0
57	Echocardiography in the pre-participation evaluation of asymptomatic athletes: the never-ending story. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1068-1070.	0.8	0
58	Cardiac Structure and Function in Epilepsy Patients with Drug-Resistant Convulsive Seizures. <i>Case Reports in Neurology</i> , 2022, 14, 88-97.	0.3	0