Stein Ã˜rn

List of Publications by Year
in descending order

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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	Cardiac Structure and Function in Epilepsy Patients with Drug-Resistant Convulsive Seizures. Case Reports in Neurology, 2022, 14, 88-97.	0.3	0
2	Echocardiography in the pre-participation evaluation of asymptomatic athletes: the never-ending story. European Journal of Preventive Cardiology, 2021, 28, 1068-1070.	0.8	0
3	The relationship between Fibroblast Growth Factor 23 (FGF23) and cardiac MRI findings following primary PCI in patients with acute first time STEMI. IJC Heart and Vasculature, 2021, 33, 100727.	0.6	3
4	Determinants of Interindividual Variation in Exerciseâ€Induced Cardiac Troponin I Levels. Journal of the American Heart Association, 2021, 10, e021710.	1.6	3
5	Exercise-Induced Cardiac Troponin Elevations: From Underlying Mechanisms to Clinical Relevance. Circulation, 2021, 144, 1955-1972.	1.6	40
6	Occult obstructive coronary artery disease is associated with prolonged cardiac troponin elevation following strenuous exercise. European Journal of Preventive Cardiology, 2020, 27, 1212-1221.	0.8	22
7	6Âmin walk test is a strong independent predictor of death in outpatients with heart failure. ESC Heart Failure, 2020, 7, 2904-2911.	1.4	23
8	Highâ€Sensitivity Cardiac Troponin I and T Response Following Strenuous Activity is Attenuated by Smokeless Tobacco: NEEDED (North Sea Race Endurance Exercise Study) 2014. Journal of the American Heart Association, 2020, 9, e017363.	1.6	2
9	Endurance exercise training volume is not associated with progression of coronary artery calcification. Scandinavian Journal of Medicine and Science in Sports, 2020, 30, 1024-1032.	1.3	8
10	Duration of Elevated Heart Rate Is an Important Predictor of Exerciseâ€Induced Troponin Elevation. Journal of the American Heart Association, 2020, 9, e014408.	1.6	19
11	Race duration and blood pressure are major predictors of exercise-induced cardiac troponin elevation. International Journal of Cardiology, 2019, 283, 1-8.	0.8	28
12	Endurance exercise and myocardial injury. European Journal of Preventive Cardiology, 2019, 26, 316-317.	0.8	1
13	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. Clinica Chimica Acta, 2018, 479, 155-159.	0.5	24
14	High physical fitness is associated with reduction in basalâ€and exerciseâ€induced inflammation. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 172-179.	1.3	11
15	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. Clinical Biochemistry, 2018, 52, 8-12.	0.8	3
16	High Frequency Noise Detection and Handling in ECG Signals. , 2018, , .		2
17	Training, Performance, and Physiological Predictors of a Successful Elite Senior Career in Junior Competitive Road Cyclists. International Journal of Sports Physiology and Performance, 2018, 13, 1287-1292.	1.1	36
18	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. European Journal of Preventive Cardiology, 2017, 24, 885-894.	0.8	31

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19	Does a normal peripheral lactate value always indicate an aerobic tissue metabolism?. European Journal of Heart Failure, 2017, 19, 1034-1035.	2.9	7
20	P-wave axis as a predictor of mortality. European Journal of Preventive Cardiology, 2017, 24, 1991-1993.	0.8	1
21	Circulating Galectin-3 Levels Are Increased in Patients with Ischemic Heart Disease, but Are Not Influenced by Acute Myocardial Infarction. Cardiology, 2016, 134, 398-405.	0.6	20
22	The relationship between transmurality of ischemic scars and the heart rate of ventricular tachycardia. Scandinavian Cardiovascular Journal, 2015, 49, 241-248.	0.4	0
23	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. Cardiology Research and Practice, 2015, 2015, 1-9.	0.5	0
24	Automatic detection of microvascular obstruction in patients with myocardial infarction. , 2015, , .		2
25	Cardiac magnetic resonance image-based classification of the risk of arrhythmias in post-myocardial infarction patients. Artificial Intelligence in Medicine, 2015, 64, 205-215.	3.8	47
26	Growth Mixture Modeling: The New Statistical Kid on the Block?. Journal of Cardiac Failure, 2015, 21, 446-447.	0.7	0
27	Safety and health status following early discharge in patients with acute myocardial infarction treated with primary PCI: a randomized trial. European Journal of Preventive Cardiology, 2015, 22, 1427-1434.	0.8	40
28	The relationship between markers of extracellular cardiac matrix turnover: infarct healing and left ventricular remodelling following primary PCI in patients with first-time STEMI. European Heart Journal, 2014, 35, 395-402.	1.0	28
29	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
30	Comparing a novel automatic 3D method for LGE-CMR quantification of scar size with established methods. International Journal of Cardiovascular Imaging, 2014, 30, 339-347.	0.7	7
31	Probability mapping of scarred myocardium using texture and intensity features in CMR images. BioMedical Engineering OnLine, 2013, 12, 91.	1.3	23
32	Intravenous immunoglobulin does not reduce left ventricular remodeling in patients with myocardial dysfunction during hospitalization after acute myocardial infarction. International Journal of Cardiology, 2013, 168, 212-218.	0.8	21
33	Clustering of 37 circulating biomarkers by exploratory factor analysis in patients following complicated acute myocardial infarction. International Journal of Cardiology, 2013, 166, 729-735.	0.8	32
34	Increased Systemic and Local Interleukin 9 Levels in Patients with Carotid and Coronary Atherosclerosis. PLoS ONE, 2013, 8, e72769.	1.1	47
35	The prediction of adverse cardiac remodelling following myocardial infarction: defining the need for a dynamic multimarker approach. Heart, 2012, 98, 1112-1113.	1.2	4
36	Duration of Myocardial Early Systolic Lengthening Predicts the Presence of Significant Coronary Artery Disease. Journal of the American College of Cardiology, 2012, 60, 1086-1093.	1.2	66

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37	Increased interleukinâ€1Î² levels are associated with left ventricular hypertrophy and remodelling following acute ST segment elevation myocardial infarction treated by primary percutaneous coronary intervention. Journal of Internal Medicine, 2012, 272, 267-276.	2.7	72
38	Myocardial Connective Tissue Growth Factor (CCN2/CTGF) Attenuates Left Ventricular Remodeling after Myocardial Infarction. PLoS ONE, 2012, 7, e52120.	1.1	54
39	Texture classification of scarred and non-scarred myocardium in cardiac MRI using learned dictionaries. , 2011, , .		1
40	Mean Strain Throughout the Heart Cycle by Longitudinal Two-Dimensional Speckle-Tracking Echocardiography Enables Early Prediction of Infarct Size. Journal of the American Society of Echocardiography, 2011, 24, 1118-1125.	1.2	15
41	The prognostic value of circulating markers of collagen turnover after acute myocardial infarction. International Journal of Cardiology, 2011, 150, 277-282.	0.8	40
42	Segmentation of scarred and non-scarred myocardium in LG enhanced CMR images using intensity-based textural analysis. , 2011, 2011, 5698-701.		9
43	The heart rate of ventricular tachycardia following an old myocardial infarction is inversely related to the size of scarring. Europace, 2011, 13, 864-868.	0.7	18
44	Exploratory data analysis of image texture and statistical features on myocardium and infarction areas in cardiac magnetic resonance images. , 2010, 2010, 5728-31.		22
45	C-reactive protein, infarct size, microvascular obstruction, and left-ventricular remodelling following acute myocardial infarction. European Heart Journal, 2009, 30, 1180-1186.	1.0	143
46	The Chemokine Network in Relation to Infarct Size and Left Ventricular Remodeling Following Acute Myocardial Infarction. American Journal of Cardiology, 2009, 104, 1179-1183.	0.7	31
47	Microvascular obstruction is a major determinant of infarct healing and subsequent left ventricular remodelling following primary percutaneous coronary intervention. European Heart Journal, 2009, 30, 1978-1985.	1.0	163
48	Diagnostic Capability and Reproducibility of Strain by Doppler and by Speckle Tracking in Patients With Acute Myocardial Infarction. JACC: Cardiovascular Imaging, 2009, 2, 24-33.	2.3	118
49	Comparison of Left Ventricular Ejection Fraction and Left Ventricular Global Strain as Determinants of Infarct Size in Patients with Acute Myocardial Infarction. Journal of the American Society of Echocardiography, 2009, 22, 1232-1238.	1.2	65
50	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. Journal of Cardiac Failure, 2007, 13, 843-849.	0.7	40
51	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. American Journal of Cardiology, 2007, 99, 647-650.	0.7	31
52	Effect of Left Ventricular Scar Size, Location, and Transmurality on Left Ventricular Remodeling With Healed Myocardial Infarction. American Journal of Cardiology, 2007, 99, 1109-1114.	0.7	144
53	Recurrent infarction causes the most deaths following myocardial infarction with left ventricular dysfunction. American Journal of Medicine, 2005, 118, 752-758.	0.6	80
54	Plasma Natriuretic Peptides up to 2 Years After Acute Myocardial Infarction and Relation to Prognosis: An OPTIMAAL Substudy. Journal of Cardiac Failure, 2005, 11, 492-497.	0.7	24

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55	Neurohormonal inhibition in heart failure, is there no limit?. European Heart Journal, 2003, 24, 1705-1706.	1.0	2
56	The North Sea Bicycle Race ECG Project: Time-Domain Analysis. , 0, , .		1
57	ECG Signal Analysis for Troponin Level Assessment and Coronary Artery Disease Detection: the NEEDED Study 2014. , 0, , .		1
58	Invariant Mean Electrical Axis in Electrocardiogram. , 0, , .		2