

Niek Hj Prakken

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,751
citations

279798

23
h-index

276875

41
g-index

48
all docs

48
docs citations

48
times ranked

2413
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of plakophilin-2 expression on exercise-related progression of arrhythmogenic right ventricular cardiomyopathy: a translational study. <i>European Heart Journal</i> , 2022, 43, 1251-1264.	2.2	19
2	Patient-Tailored Approach for Diagnostics and Treatment of Mycotic Abdominal Aortic Aneurysm. <i>Annals of Vascular Surgery</i> , 2022, 84, 225-238.	0.9	6
3	Radiation-Induced Myocardial Fibrosis in Long-Term Esophageal Cancer Survivors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1013-1021.	0.8	19
4	Balancing Speed and Accuracy in Cardiac Magnetic Resonance Function Post-Processing: Comparing 2 Levels of Automation in 3 Vendors to Manual Assessment. <i>Diagnostics</i> , 2021, 11, 1758.	2.6	3
5	Late cardiac toxicity of neo-adjuvant chemoradiation in esophageal cancer survivors: a prospective cross-sectional pilot study. <i>Radiotherapy and Oncology</i> , 2021, , .	0.6	4
6	Imaging infective endocarditis: Adherence to a diagnostic flowchart and direct comparison of imaging techniques. <i>Journal of Nuclear Cardiology</i> , 2020, 27, 592-608.	2.1	30
7	Added Value of Transluminal Attenuation Gradient to Qualitative CCTA Ischemia Detection as Determined by ¹³ N-ammonia PET Quantitative Myocardial Perfusion. <i>Diagnostics</i> , 2020, 10, 628.	2.6	0
8	Blood Oxygen Level-Dependent MRI of the Myocardium with Multiecho Gradient-Echo Spin-Echo Imaging. <i>Radiology</i> , 2020, 294, 538-545.	7.3	14
9	Exercise and Coronary Atherosclerosis. <i>Circulation</i> , 2020, 141, 1338-1350.	1.6	87
10	Left coronary artery anomaly: a case report of a hypoplastic and anomalous origin from the left ventricular outflow tract. <i>European Heart Journal - Case Reports</i> , 2019, 3, .	0.6	0
11	Phase analysis of gated PET in the evaluation of mechanical ventricular synchrony: A narrative overview. <i>Journal of Nuclear Cardiology</i> , 2019, 26, 1904-1913.	2.1	15
12	Diagnostic Value of Native T1 Mapping in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1580-1582.	5.3	17
13	Myocardial bridging of the left anterior descending coronary artery is associated with reduced myocardial perfusion reserve: a ¹³ N-ammonia PET study. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 375-382.	1.5	11
14	Quantitative myocardial perfusion evaluation with positron emission tomography and the risk of cardiovascular events in patients with coronary artery disease: a systematic review of prognostic studies. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1179-1187.	1.2	31
15	Hybrid cardiac imaging using PET/MRI: a joint position statement by the European Society of Cardiovascular Radiology (ESCR) and the European Association of Nuclear Medicine (EANM). <i>European Radiology</i> , 2018, 28, 4086-4101.	4.5	80
16	Stress myocardial blood flow correlates with ventricular function and synchrony better than myocardial perfusion reserve: A Nitrogen-13 ammonia PET study. <i>Journal of Nuclear Cardiology</i> , 2018, 25, 797-806.	2.1	13
17	Native T ₁ reference values for nonischemic cardiomyopathies and populations with increased cardiovascular risk: A systematic review and meta-analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 891-912.	3.4	28
18	Relationship Between Lifelong Exercise Volume and Coronary Atherosclerosis in Athletes. <i>Circulation</i> , 2017, 136, 138-148.	1.6	195

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19	Predictors of left ventricular remodeling after ST-elevation myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1415-1423.	1.5	20
20	The Relationship Between Lifelong Exercise Volume and Coronary Atherosclerosis. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 156.	0.4	1
21	Semi-automated myocardial segmentation of bright-blood multi-gradient echo images improves reproducibility of myocardial contours and T2* determination. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2017, 30, 239-254.	2.0	3
22	Diagnostic value of imaging in infective endocarditis: a systematic review. <i>Lancet Infectious Diseases</i> , 2017, 17, e1-e14.	9.1	205
23	Caffeine intake inverts the effect of adenosine on myocardial perfusion during stress as measured by T1 mapping. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1545-1553.	1.5	31
24	Chronic ischemic mitral regurgitation and papillary muscle infarction detected by late gadolinium-enhanced cardiac magnetic resonance imaging in patients with ST-segment elevation myocardial infarction. <i>Clinical Research in Cardiology</i> , 2016, 105, 981-991.	3.3	17
25	Occult coronary artery disease in middle-aged sportsmen with a low cardiovascular risk score: The Measuring Athlete's Risk of Cardiovascular Events (MARC) study. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1677-1684.	1.8	47
26	Contrast-optimized composite image derived from multigradient echo cardiac magnetic resonance imaging improves reproducibility of myocardial contours and T2* measurement. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2016, 29, 17-27.	2.0	5
27	Measuring Athlete's Risk Of Cardiovascular Events (marc) Study The Role Of Coronary Ct In The Cardiovascular Evaluation Of Middle-aged Sportsmen. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 51-52.	0.4	0
28	Identifying Coronary Artery Disease in Asymptomatic Middle-Aged Sportsmen: The Additional Value of Pulse Wave Velocity. <i>PLoS ONE</i> , 2015, 10, e0131895.	2.5	2
29	Intermodel Agreement of Myocardial Blood Flow Estimation From Stress-Rest Myocardial Perfusion Magnetic Resonance Imaging in Patients With Coronary Artery Disease. <i>Investigative Radiology</i> , 2015, 50, 275-282.	6.2	8
30	Does the aortic annulus undergo conformational change throughout the cardiac cycle? A systematic review. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, jev210.	1.2	41
31	Unravelling the grey zone: cardiac MRI volume to wall mass ratio to differentiate hypertrophic cardiomyopathy and the athlete's heart. <i>British Journal of Sports Medicine</i> , 2015, 49, 1404-1409.	6.7	15
32	Anabolic androgenic steroid use is associated with ventricular dysfunction on cardiac MRI in strength trained athletes. <i>International Journal of Cardiology</i> , 2013, 167, 664-668.	1.7	59
33	Impact of revised Task Force Criteria: distinguishing the athlete's heart from ARVC/D using cardiac magnetic resonance imaging. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 885-891.	1.8	44
34	Head-to-head comparison between echocardiography and cardiac MRI in the evaluation of the athlete's heart. <i>British Journal of Sports Medicine</i> , 2012, 46, 348-354.	6.7	39
35	Sport category is an important determinant of cardiac adaptation: an MRI study. <i>British Journal of Sports Medicine</i> , 2012, 46, 1119-1124.	6.7	56
36	Image quality assessment of the right ventricle with three different delayed enhancement sequences in patients suspected of ARVC/D. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 595-601.	1.5	9

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37	Relationship of ventricular and atrial dilatation to valvular function in endurance athletes. <i>British Journal of Sports Medicine</i> , 2011, 45, 178-184.	6.7	12
38	The effect of age in the cardiac MRI evaluation of the athlete's heart. <i>International Journal of Cardiology</i> , 2011, 149, 68-73.	1.7	26
39	Screening for proximal coronary artery anomalies with 3-dimensional MR coronary angiography. <i>International Journal of Cardiovascular Imaging</i> , 2010, 26, 701-710.	1.5	48
40	Echocardiographic deformation imaging reveals preserved regional systolic function in endurance athletes with left ventricular hypertrophy. <i>British Journal of Sports Medicine</i> , 2010, 44, 872-878.	6.7	12
41	Cardiac MRI reference values for athletes and nonathletes corrected for body surface area, training hours/week and sex. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2010, 17, 198-203.	2.8	93
42	Sympathetic activity in chronic kidney disease patients is related to left ventricular mass despite antihypertensive treatment. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 3272-3277.	0.7	33
43	Effect of Long Term and Intensive Endurance Training in Athletes on the Age Related Decline in Left and Right Ventricular Diastolic Function as Assessed by Doppler Echocardiography. <i>American Journal of Cardiology</i> , 2009, 104, 1145-1151.	1.6	41
44	Advances in cardiac imaging: the role of magnetic resonance imaging and computed tomography in identifying athletes at risk. <i>British Journal of Sports Medicine</i> , 2009, 43, 677-684.	6.7	27
45	Cardiovascular magnetic resonance imaging to identify left-sided chronic heart failure in stable patients with chronic obstructive pulmonary disease. <i>American Heart Journal</i> , 2008, 156, 506-512.	2.7	24
46	Echocardiographic Assessment of Regional Right Ventricular Function: A Head-to-head Comparison Between 2-Dimensional and Tissue Doppler-derived Strain Analysis. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 275-283.	2.8	122
47	Echocardiographic tissue deformation imaging of right ventricular systolic function in endurance athletes. <i>European Heart Journal</i> , 2008, 30, 969-977.	2.2	129
48	3D MR coronary angiography: optimization of the technique and preliminary results. <i>International Journal of Cardiovascular Imaging</i> , 2006, 22, 477-487.	1.5	10