

Kristopher D Knott

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7952649/publications.pdf>

Version: 2024-02-01

23
papers

552
citations

759233

12
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

843
citing authors

#	ARTICLE	IF	CITATIONS
1	The Prognostic Significance of Quantitative Myocardial Perfusion: An Artificial Intelligence Based Approach Using Perfusion Mapping. <i>Circulation</i> , 2020, 141, 1282-1291.	1.6	100
2	Diagnosis and risk stratification in hypertrophic cardiomyopathy using machine learning wall thickness measurement: a comparison with human test-retest performance. <i>The Lancet Digital Health</i> , 2021, 3, e20-e28.	12.3	57
3	Fully automated, inline quantification of myocardial blood flow with cardiovascular magnetic resonance: repeatability of measurements in healthy subjects. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 48.	3.3	54
4	Quantitative myocardial perfusion in coronary artery disease: A perfusion mapping study. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 756-762.	3.4	35
5	Quantitative cardiac MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 693-711.	3.4	35
6	The myocardial phenotype of Fabry disease pre-hypertrophy and pre-detectable storage. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 790-799.	1.2	35
7	Myocardial Edema, Myocyte Injury, and Disease Severity in Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010171.	2.6	35
8	Quantitative Myocardial Perfusion in Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008872.	2.6	32
9	Automated Inline Analysis of Myocardial Perfusion MRI with Deep Learning. <i>Radiology: Artificial Intelligence</i> , 2020, 2, e200009.	5.8	32
10	Inline perfusion mapping provides insights into the disease mechanism in hypertrophic cardiomyopathy. <i>Heart</i> , 2020, 106, 824-829.	2.9	26
11	Automated detection of left ventricle in arterial input function images for inline perfusion mapping using deep learning: A study of 15,000 patients. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 2788-2800.	3.0	19
12	Prognostic Value of Pulmonary Transit Time and Pulmonary Blood Volume Estimation Using Myocardial Perfusion CMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2107-2119.	5.3	18
13	Myocardial Perfusion Defects in Hypertrophic Cardiomyopathy Mutation Carriers. <i>Journal of the American Heart Association</i> , 2021, 10, e020227.	3.7	15
14	Improving cardiovascular magnetic resonance access in low- and middle-income countries for cardiomyopathy assessment: rapid cardiovascular magnetic resonance. <i>European Heart Journal</i> , 2022, 43, 2496-2507.	2.2	12
15	A comparison of standard and high dose adenosine protocols in routine vasodilator stress cardiovascular magnetic resonance: dosage affects hyperaemic myocardial blood flow in patients with severe left ventricular systolic impairment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 37.	3.3	11
16	Two-Minute k-Space and Time-accelerated Aortic Four-dimensional Flow MRI: Dual-Center Study of Feasibility and Impact on Velocity and Wall Shear Stress Quantification. <i>Radiology: Cardiothoracic Imaging</i> , 2019, 1, e180008.	2.5	10
17	Myocardial Perfusion Imaging After Severe COVID-19 Infection Demonstrates Regional Ischemia Rather Than Global Blood Flow Reduction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 764599.	2.4	9
18	Non-invasive characterization of pleural and pericardial effusions using T1 mapping by magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1117-1126.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Automated Quantitative Stress Perfusion in a Clinical Routine. Magnetic Resonance Imaging Clinics of North America, 2019, 27, 507-520.	1.1	4
20	Advanced Imaging Insights in Apical Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2020, 13, 624-630.	5.3	3
21	Perfusion mapping in hypertrophic cardiomyopathy: microvascular dysfunction occurs regardless of hypertrophy. Heart, 2017, 103, A4.1-A4.	2.9	2
22	Myocardial perfusion reserve falls in diabetes and with increasing age – a perfusion mapping study. Heart, 2017, 103, A19-A20.	2.9	0
23	Stress CMR and Combination Testing in the World of Multimodality Imaging. JACC: Cardiovascular Imaging, 2020, 13, 1161-1162.	5.3	0