

Mihir M Sanghvi

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,678
citations

471061

17
h-index

454577

30
g-index

31
all docs

31
docs citations

31
times ranked

2770
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated cardiovascular magnetic resonance image analysis with fully convolutional networks. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 65.	1.6	468
2	Reference ranges for cardiac structure and function using cardiovascular magnetic resonance (CMR) in Caucasians from the UK Biobank population cohort. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017, 19, 18.	1.6	391
3	Automated quality control in image segmentation: application to the UK Biobank cardiovascular magnetic resonance imaging study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 18.	1.6	78
4	Improving the Generalizability of Convolutional Neural Network-Based Segmentation on CMR Images. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 105.	1.1	74
5	Prognostic Significance of Left Ventricular Noncompaction. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009712.	1.3	74
6	Association Between Ambient Air Pollution and Cardiac Morpho-Functional Phenotypes. <i>Circulation</i> , 2018, 138, 2175-2186.	1.6	70
7	The impact of cardiovascular risk factors on cardiac structure and function: Insights from the UK Biobank imaging enhancement study. <i>PLoS ONE</i> , 2017, 12, e0185114.	1.1	52
8	Right ventricular shape and function: cardiovascular magnetic resonance reference morphology and biventricular risk factor morphometrics in UK Biobank. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 41.	1.6	47
9	Fully-automated left ventricular mass and volume MRI analysis in the UK Biobank population cohort: evaluation of initial results. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 281-291.	0.7	46
10	Changes in Cardiac Morphology and Function in Individuals With Diabetes Mellitus. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009476.	1.3	43
11	Independent Left Ventricular Morphometric Atlases Show Consistent Relationships with Cardiovascular Risk Factors: A UK Biobank Study. <i>Scientific Reports</i> , 2019, 9, 1130.	1.6	43
12	Quantitative CMR population imaging on 20,000 subjects of the UK Biobank imaging study: LV/RV quantification pipeline and its evaluation. <i>Medical Image Analysis</i> , 2019, 56, 26-42.	7.0	41
13	Prospective association between handgrip strength and cardiac structure and function in UK adults. <i>PLoS ONE</i> , 2018, 13, e0193124.	1.1	37
14	Automated localization and quality control of the aorta in cine CMR can significantly accelerate processing of the UK Biobank population data. <i>PLoS ONE</i> , 2019, 14, e0212272.	1.1	26
15	The Effect of Blood Lipids on the Left Ventricle. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2477-2488.	1.2	26
16	Real-Time Prediction of Segmentation Quality. <i>Lecture Notes in Computer Science</i> , 2018, , 578-585.	1.0	23
17	Physical activity and left ventricular trabeculation in the UK Biobank community-based cohort study. <i>Heart</i> , 2019, 105, 990-998.	1.2	21
18	The impact of menopausal hormone therapy (MHT) on cardiac structure and function: Insights from the UK Biobank imaging enhancement study. <i>PLoS ONE</i> , 2018, 13, e0194015.	1.1	19

#	ARTICLE	IF	CITATIONS
19	Genome-wide association analysis reveals insights into the genetic architecture of right ventricular structure and function. <i>Nature Genetics</i> , 2022, 54, 783-791.	9.4	19
20	Cardiovascular magnetic resonance imaging for amyloidosis: The state-of-the-art. <i>Trends in Cardiovascular Medicine</i> , 2019, 29, 83-94.	2.3	16
21	Quality Control-Driven Image Segmentation Towards Reliable Automatic Image Analysis in Large-Scale Cardiovascular Magnetic Resonance Aortic Cine Imaging. <i>Lecture Notes in Computer Science</i> , 2019, , 750-758.	1.0	15
22	Pulmonary blood volume index as a quantitative biomarker of haemodynamic congestion in hypertrophic cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1368-1376.	0.5	14
23	Poor Bone Quality is Associated With Greater Arterial Stiffness: Insights From the UK Biobank. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 90-99.	3.1	11
24	Variation in lung function and alterations in cardiac structure and function—Analysis of the UK Biobank cardiovascular magnetic resonance imaging substudy. <i>PLoS ONE</i> , 2018, 13, e0194434.	1.1	6
25	Sex-specific associations between alcohol consumption, cardiac morphology, and function as assessed by magnetic resonance imaging: insights from the UK Biobank Population Study. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 1009-1016.	0.5	4
26	Variably severe systemic allergic reactions after consuming foods with unlabelled lupin flour: a case series. <i>Journal of Medical Case Reports</i> , 2014, 8, 55.	0.4	3
27	Does self-reported pregnancy loss identify women at risk of an adverse cardiovascular phenotype in later life? Insights from UK Biobank. <i>PLoS ONE</i> , 2019, 14, e0223125.	1.1	3
28	Tissue-tracking in the assessment of late gadolinium enhancement in myocarditis and myocardial infarction. <i>Magnetic Resonance Imaging</i> , 2020, 73, 62-69.	1.0	3
29	Subclinical Changes in Cardiac Functional Parameters as Determined by Cardiovascular Magnetic Resonance (CMR) Imaging in Sleep Apnea and Snoring: Findings from UK Biobank. <i>Medicina (Lithuania)</i> , 2021, 57, 555.	0.8	3
30	OUP accepted manuscript. <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2021, , .	1.8	2
31	Allergy Teaching in UK Medical Schools. <i>Journal of Asthma & Allergy Educators</i> , 2013, 4, 266-269.	0.1	0