Mihir M Sanghvi

List of Publications by Year
in descending order

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	Genome-wide association analysis reveals insights into the genetic architecture of right ventricular structure and function. Nature Genetics, 2022, 54, 783-791.	9.4	19
2	Sex-specific associations between alcohol consumption, cardiac morphology, and function as assessed by magnetic resonance imaging: insights form the UK Biobank Population Study. European Heart Journal Cardiovascular Imaging, 2021, 22, 1009-1016.	0.5	4
3	OUP accepted manuscript. European Heart Journal Quality of Care & Clinical Outcomes, 2021, , .	1.8	2
4	Subclinical Changes in Cardiac Functional Parameters as Determined by Cardiovascular Magnetic Resonance (CMR) Imaging in Sleep Apnea and Snoring: Findings from UK Biobank. Medicina (Lithuania), 2021, 57, 555.	0.8	3
5	Tissue-tracking in the assessment of late gadolinium enhancement in myocarditis and myocardial infarction. Magnetic Resonance Imaging, 2020, 73, 62-69.	1.0	3
6	The Effect of Blood Lipids on the LeftÂVentricle. Journal of the American College of Cardiology, 2020, 76, 2477-2488.	1.2	26
7	Improving the Generalizability of Convolutional Neural Network-Based Segmentation on CMR Images. Frontiers in Cardiovascular Medicine, 2020, 7, 105.	1.1	74
8	Prognostic Significance of Left Ventricular Noncompaction. Circulation: Cardiovascular Imaging, 2020, 13, e009712.	1.3	74
9	Poor Bone Quality is Associated With Greater Arterial Stiffness: Insights From the UK Biobank. Journal of Bone and Mineral Research, 2020, 36, 90-99.	3.1	11
10	Cardiovascular magnetic resonance imaging for amyloidosis: The state-of-the-art. Trends in Cardiovascular Medicine, 2019, 29, 83-94.	2.3	16
11	Right ventricular shape and function: cardiovascular magnetic resonance reference morphology and biventricular risk factor morphometrics in UK Biobank. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 41.	1.6	47
12	Does self-reported pregnancy loss identify women at risk of an adverse cardiovascular phenotype in later life? Insights from UK Biobank. PLoS ONE, 2019, 14, e0223125.	1.1	3
13	Pulmonary blood volume index as a quantitative biomarker of haemodynamic congestion in hypertrophic cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2019, 20, 1368-1376.	0.5	14
14	Changes in Cardiac Morphology and Function in Individuals With Diabetes Mellitus. Circulation: Cardiovascular Imaging, 2019, 12, e009476.	1.3	43
15	Quantitative CMR population imaging on 20,000 subjects of the UK Biobank imaging study: LV/RV quantification pipeline and its evaluation. Medical Image Analysis, 2019, 56, 26-42.	7.0	41
16	Automated quality control in image segmentation: application to the UK Biobank cardiovascular magnetic resonance imaging study. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 18.	1.6	78
17	Physical activity and left ventricular trabeculation in the UK Biobank community-based cohort study. Heart, 2019, 105, 990-998.	1.2	21
18	Independent Left Ventricular Morphometric Atlases Show Consistent Relationships with Cardiovascular Risk Factors: A UK Biobank Study. Scientific Reports, 2019, 9, 1130.	1.6	43

#	Article	IF	Citations
19	Automated localization and quality control of the aorta in cine CMR can significantly accelerate processing of the UK Biobank population data. PLoS ONE, 2019, 14, e0212272.	1.1	26
20	Quality Control-Driven Image Segmentation Towards Reliable Automatic Image Analysis in Large-Scale Cardiovascular Magnetic Resonance Aortic Cine Imaging. Lecture Notes in Computer Science, 2019, , 750-758.	1.0	15
21	Fully-automated left ventricular mass and volume MRI analysis in the UK Biobank population cohort: evaluation of initial results. International Journal of Cardiovascular Imaging, 2018, 34, 281-291.	0.7	46
22	Real-Time Prediction of Segmentation Quality. Lecture Notes in Computer Science, 2018, , 578-585.	1.0	23
23	Automated cardiovascular magnetic resonance image analysis with fully convolutional networks. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 65.	1.6	468
24	Association Between Ambient Air Pollution and Cardiac Morpho-Functional Phenotypes. Circulation, 2018, 138, 2175-2186.	1.6	70
25	Prospective association between handgrip strength and cardiac structure and function in UK adults. PLoS ONE, 2018, 13, e0193124.	1.1	37
26	The impact of menopausal hormone therapy (MHT) on cardiac structure and function: Insights from the UK Biobank imaging enhancement study. PLoS ONE, 2018, 13, e0194015.	1.1	19
27	Variation in lung function and alterations in cardiac structure and function—Analysis of the UK Biobank cardiovascular magnetic resonance imaging substudy. PLoS ONE, 2018, 13, e0194434.	1.1	6
28	Reference ranges for cardiac structure and function using cardiovascular magnetic resonance (CMR) in Caucasians from the UK Biobank population cohort. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 18.	1.6	391
29	The impact of cardiovascular risk factors on cardiac structure and function: Insights from the UK Biobank imaging enhancement study. PLoS ONE, 2017, 12, e0185114.	1.1	52
30	Variably severe systemic allergic reactions after consuming foods with unlabelled lupin flour: a case series. Journal of Medical Case Reports, 2014, 8, 55.	0.4	3
31	Allergy Teaching in UK Medical Schools. Journal of Asthma & Allergy Educators, 2013, 4, 266-269.	0.1	0