

# Kenneth Fung

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

1,881  
citations

430442

18  
h-index

377514

34  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3219  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Adverse cardiovascular magnetic resonance phenotypes are associated with greater likelihood of incident coronavirus disease 2019: findings from the UK Biobank. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1133-1144.	1.4	17
4	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
5	Cardiovascular magnetic resonance reference values of mitral and tricuspid annular dimensions: the UK Biobank cohort. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 5.	1.6	21
6	Association Between Recreational Cannabis Use and Cardiac Structure and Function. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 886-888.	2.3	12
7	A population-based phenome-wide association study of cardiac and aortic structure and function. <i>Nature Medicine</i> , 2020, 26, 1654-1662.	15.2	98
8	Pathological Cluster Identification by Unsupervised Analysis in 3,822 UK Biobank Cardiac MRIs. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 539788.	1.1	9
9	Improving the Generalizability of Convolutional Neural Network-Based Segmentation on CMR Images. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 105.	1.1	74
10	Fully Automated Myocardial Strain Estimation from Cardiovascular MRI-tagged Images Using a Deep Learning Framework in the UK Biobank. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190032.	0.9	29
11	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
12	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
13	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
14	Changes in Cardiac Morphology and Function in Individuals With Diabetes Mellitus. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009476.	1.3	43
15	Genome-Wide Analysis of Left Ventricular Image-Derived Phenotypes Identifies Fourteen Loci Associated With Cardiac Morphogenesis and Heart Failure Development. <i>Circulation</i> , 2019, 140, 1318-1330.	1.6	138
16	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
17	Genome-wide association study identifies loci for arterial stiffness index in 127,121 UK Biobank participants. <i>Scientific Reports</i> , 2019, 9, 9143.	1.6	28
18	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

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19	Impact of Measurement Variations in Right Atrial Structure and Function on Outcomes. JACC: Cardiovascular Imaging, 2019, 12, 569-570.	2.3	0
20	Physical activity and left ventricular trabeculation in the UK Biobank community-based cohort study. Heart, 2019, 105, 990-998.	1.2	21
21	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
22	Effect of coffee consumption on arterial stiffness from UK biobank imaging study. , 2019, , .		0
23	Corneal biomechanical properties and vascular compliance in the UK biobank cohort. , 2019, , .		0
24	Validation of Cardiovascular Magnetic Resonanceâ€”Derived Equation for Predicted Left Ventricular Mass Using the UK Biobank Imaging Cohort. Circulation: Heart Failure, 2019, 12, e006362.	1.6	8
25	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
26	3.2 First Genome-Wide Association Study of Cardiovascular Magnetic Resonance Derived Aortic Distensibility Reveals 7 Loci. Artery Research, 2019, 25, S21-S22.	0.3	1
27	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
28	Real-Time Prediction of Segmentation Quality. Lecture Notes in Computer Science, 2018, , 578-585.	1.0	23
29	Automated cardiovascular magnetic resonance image analysis with fully convolutional networks. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 65.	1.6	468
30	Association Between Ambient Air Pollution and Cardiac Morpho-Functional Phenotypes. Circulation, 2018, 138, 2175-2186.	1.6	70
31	Prospective association between handgrip strength and cardiac structure and function in UK adults. PLoS ONE, 2018, 13, e0193124.	1.1	37
32	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
33	Variation in lung function and alterations in cardiac structure and functionâ€”Analysis of the UK Biobank cardiovascular magnetic resonance imaging substudy. PLoS ONE, 2018, 13, e0194434.	1.1	6
34	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
35	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
36	Residual Ischaemia Post Acute Coronary Syndrome (ACS) â€” Does Revascularisation Improve Prognosis?. Heart, 2016, 102, A62.2-A62.	1.2	0

#	ARTICLE	IF	CITATIONS
37	Does revascularisation for residual ischaemia in patients with ACS influence prognosis?. Journal of Cardiovascular Magnetic Resonance, 2016, 18, O59.	1.6	0
38	Towards the Semantic Enrichment of Free-Text Annotation of Image Quality Assessment for UK Biobank Cardiac Cine MRI Scans. Lecture Notes in Computer Science, 2016, , 238-248.	1.0	11
39	Atrial myxoma masquerading as Takayasu's arteritis. JRSM Open, 2014, 5, 205427041455097.	0.2	1