

Filip Zemrak

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,366
citations

361388

20
h-index

345203

36
g-index

38
all docs

38
docs citations

38
times ranked

3622
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.	3.3	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.	3.3	391
3	UK Biobank's cardiovascular magnetic resonance protocol. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 8.	3.3	254
4	The Relationship of Left Ventricular Trabeculation to Ventricular Function and Structure Over a 9.5-Year Follow-Up. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1971-1980.	2.8	176
5	Key Questions Relating to Left Ventricular Noncompaction Cardiomyopathy: Is the Emperor Still Wearing Any Clothes?. <i>Canadian Journal of Cardiology</i> , 2017, 33, 747-757.	1.7	99
6	Extracellular volume quantification in isolated hypertension - changes at the detectable limits?. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 74.	3.3	79
7	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.	3.3	78
8	Prognostic Significance of Left Ventricular Noncompaction. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009712.	2.6	74
9	Association Between Ambient Air Pollution and Cardiac Morpho-Functional Phenotypes. <i>Circulation</i> , 2018, 138, 2175-2186.	1.6	70
10	Delayed-onset myocarditis following COVID-19. <i>Lancet Respiratory Medicine</i> , 2021, 9, e32-e34.	10.7	54
11	Left Atrial Structure in Relationship to Age, Sex, Ethnicity, and Cardiovascular Risk Factors. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	52
12	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.	2.5	52
13	Fractal Analysis of Myocardial Trabeculations in 2547 Study Participants: Multi-Ethnic Study of Atherosclerosis. <i>Radiology</i> , 2015, 277, 707-715.	7.3	50
14	Pulmonary vascular volume, impaired left ventricular filling and dyspnea: The MESA Lung Study. <i>PLoS ONE</i> , 2017, 12, e0176180.	2.5	50
15	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.	1.5	46
16	Diagnosis and Prognosis in Sudden Cardiac Arrest Survivors Without Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, e006709.	2.6	44
17	Late Gadolinium Enhancement CMR Predicts Adverse Cardiovascular Outcomes and Mortality in Patients With Coronary Artery Disease: Systematic Review and Meta-Analysis. <i>Progress in Cardiovascular Diseases</i> , 2011, 54, 215-229.	3.1	40
18	Fractal frontiers in cardiovascular magnetic resonance: towards clinical implementation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 80.	3.3	33

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19	Hypertrabeculated Left Ventricular Myocardium in Relationship to Myocardial Function and Fibrosis: The Multi-Ethnic Study of Atherosclerosis. <i>Radiology</i> , 2017, 284, 667-675.	7.3	25
20	The left atrial appendage in humans: structure, physiology, and pathogenesis. <i>Europace</i> , 2020, 22, 5-18.	1.7	24
21	Real-Time Prediction of Segmentation Quality. <i>Lecture Notes in Computer Science</i> , 2018, , 578-585.	1.3	23
22	Evaluation of splenic switch off in a tertiary imaging centre: validation and assessment of utility. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1216-1221.	1.2	21
23	Physical activity and left ventricular trabeculation in the UK Biobank community-based cohort study. <i>Heart</i> , 2019, 105, 990-998.	2.9	21
24	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.	3.3	21
25	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.	2.5	19
26	Characterisation of myocardial structure and function in adult-onset growth hormone deficiency using cardiac magnetic resonance. <i>Endocrine</i> , 2016, 54, 778-787.	2.3	15
27	Community delivery of semiautomated fractal analysis tool in cardiac mr for trabecular phenotyping. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1082-1088.	3.4	15
28	Association Between Recreational Cannabis Use and Cardiac Structure and Function. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 886-888.	5.3	12
29	Left Ventricular Noncompaction, or Is It? —. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2182-2184.	2.8	11
30	Left Ventricular Hypertrabeculation Is Not Associated With Cardiovascular Morbidity or Mortality: Insights From the Eurocmr Registry. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 158.	2.4	11
31	LV Noncompaction Cardiomyopathy or Just a Lot of Trabeculations?. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 704-707.	5.3	10
32	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
33	Renin-Angiotensin System Blockade Improves Cardiac Indices in Acromegaly Patients. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 365-367.	1.2	7
34	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.	2.5	6
35	Rennies, Crohn's disease and severe hypercalcaemia. <i>BMJ Case Reports</i> , 2010, 2010, bcr0720103138-bcr0720103138.	0.5	4
36	Part 2 — Coronary angiography with gadofosveset trisodium: a prospective intra-subject comparison for dose optimization for 100 % efficiency imaging. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 58.	1.7	3

#	ARTICLE	IF	CITATIONS
37	Valvular heart disease in the community: the unknown knowns in electronic health record coding. European Heart Journal Quality of Care & Clinical Outcomes, 2021, 7, 616-617.	4.0	0