Betty Raman

List of Publications by Year
in descending order

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Version: 2024-02-01

33 papers	1,940 citations	567247 15 h-index	552766 26 g-index
35 all docs	35 docs citations	35 times ranked	2352 citing authors

#	Article	IF	Citations
1	Medium-term effects of SARS-CoV-2 infection on multiple vital organs, exercise capacity, cognition, quality of life and mental health, post-hospital discharge. EClinicalMedicine, 2021, 31, 100683.	7.1	435
2	Physical, cognitive, and mental health impacts of COVID-19 after hospitalisation (PHOSP-COVID): a UK multicentre, prospective cohort study. Lancet Respiratory Medicine,the, 2021, 9, 1275-1287.	10.7	394
3	Long COVID: post-acute sequelae of COVID-19 with a cardiovascular focus. European Heart Journal, 2022, 43, 1157-1172.	2.2	297
4	Troponin-positive chest pain with unobstructed coronary arteries: incremental diagnostic value of cardiovascular magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2016, 17, 1146-1152.	1.2	102
5	Progression of myocardial fibrosis in hypertrophic cardiomyopathy: mechanisms and clinical implications. European Heart Journal Cardiovascular Imaging, 2019, 20, 157-167.	1.2	92
6	Identification of Myocardial Disarray inÂPatients With HypertrophicÂCardiomyopathy and Ventricular Arrhythmias. Journal of the American College of Cardiology, 2019, 73, 2493-2502.	2.8	88
7	Hyperpolarized ¹²⁹Xe MRI Abnormalities in Dyspneic Patients 3 Months after COVID-19 Pneumonia: Preliminary Results. Radiology, 2021, 301, E353-E360.	7.3	88
8	Symptom Persistence Despite Improvement in Cardiopulmonary Health â€“ Insights from longitudinal CMR, CPET and lung function testing post-COVID-19. EClinicalMedicine, 2021, 41, 101159.	7.1	87
9	Lung Abnormalities Detected with Hyperpolarized ¹²⁹Xe MRI in Patients with Long COVID. Radiology, 2022, 305, 709-717.	7.3	57
10	The interplay between metabolic alterations, diastolic strain rate and exercise capacity in mild heart failure with preserved ejection fraction: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 88.	3.3	51
11	Measuring inorganic phosphate and intracellular pH in the healthy and hypertrophic cardiomyopathy hearts by in vivo 7T 31P-cardiovascular magnetic resonance spectroscopy. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 19.	3.3	35
12	Association of Preterm Birth With Myocardial Fibrosis and Diastolic Dysfunction in Young Adulthood. Journal of the American College of Cardiology, 2021, 78, 683-692.	2.8	34
13	Comprehensive clinical assessment identifies specific neurocognitive deficits in working-age patients with long-COVID. PLoS ONE, 2022, 17, e0267392.	2.5	29
14	Maximal Wall Thickness Measurement in Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2021, 14, 2123-2134.	5.3	18
15	Adverse cardiovascular magnetic resonance phenotypes are associated with greater likelihood of incident coronavirus disease 2019: findings from the UK Biobank. Aging Clinical and Experimental Research, 2021, 33, 1133-1144.	2.9	17
16	Localized rest and stress human cardiac creatine kinase reaction kinetics at 3ÂT. NMR in Biomedicine, 2019, 32, e4085.	2.8	16
17	Adapting the UK Biobank Brain Imaging Protocol and Analysis Pipeline for the C-MORE Multi-Organ Study of COVID-19 Survivors. Frontiers in Neurology, 2021, 12, 753284.	2.4	16
18	Long-term clinical outcomes in patients with a working diagnosis of myocardial infarction with non-obstructed coronary arteries (MINOCA) assessed by cardiovascular magnetic resonance imaging. International Journal of Cardiology, 2022, 349, 12-17.	1.7	16

#	Article	IF	Citations
19	Joint patient and clinician priority setting to identify 10 key research questions regarding the long-term sequelae of COVID-19. Thorax, 2022, 77, 717-720.	5.6	16
20	Incremental value of left atrial booster and reservoir strain in predicting atrial fibrillation in patients with hypertrophic cardiomyopathy: a cardiovascular magnetic resonance study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 109.	3.3	14
21	Novel Insights into Complex Cardiovascular Pathologies using 4D Flow Analysis by Cardiovascular Magnetic Resonance Imaging. Current Pharmaceutical Design, 2017, 23, 3262-3267.	1.9	11
22	Postpartum blood pressure self-management following hypertensive pregnancy: protocol of the Physician Optimised Post-partum Hypertension Treatment (POP-HT) trial. BMJ Open, 2022, 12, e051180.	1.9	11
23	Association Between Sarcomeric Variants in Hypertrophic Cardiomyopathy and Myocardial Oxygenation: Insights From a Novel Oxygen-Sensitive Cardiovascular Magnetic Resonance Approach. Circulation, 2021, 144, 1656-1658.	1.6	4
24	Discrepancy Between Pathological Progression and Clinical Stability in a Young Patient With Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2018, 11, e008154.	2.6	1
25	British Cardiovascular Society Young Investigator Award 2019. Heart, 2019, 105, 1841-1842.	2.9	1
26	Postvaccine Myocarditis: A Risk Worth the Reward?. Radiology, 2022, 304, 563-565.	7.3	1
27	011â€…Adenosine stress T1 mapping: a novel contrast free method to assess myocardial perfusion and ischaemia in hypertrophic cardiomyopathy. Heart, 2017, 103, A8.2-A9.	2.9	0
28	6â€…Diffusion tensor magnetic resonance imaging of myocardial disarray in hypertrophic cardiomyopathy. , 2018, , .		0
29	Dâ€…Stress myocardial oxygenation and not perfusion reserve determines arrhythmic risk in hypertrophic cardiomyopathy: insights from a novel oxygen-sensitive CMR approach. , 2019, , .		0
30	22â€…Impaired stress-induced oxygenation in hypertrophic cardiomyopathy is associated with an increased risk of ventricular arrhythmia. , 2019, , .		0
31	6â€…RV function deteriorates earlier than LV function and predicts adverse cardiovascular outcomes. , 2019, , .		0
32	Predicting the Future From Scars of the Past. JACC: Cardiovascular Imaging, 2021, 14, 959-961.	5.3	0
33	6â€…Healthier CMR phenotypes are linked to favourable brain MRI structure and function metrics in the UK Biobank. , 2021, , .		0