João B Augusto

List of Publications by Year
in descending order

65	2,156	331259	264894
papers	citations	21	42
		h-index	g-index

73	73	73	3865
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	COVID-19: PCR screening of asymptomatic health-care workers at London hospital. Lancet, The, 2020, 395, 1608-1610.	6.3	295
2	Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose. Science, 2021, 372, 1418-1423.	6.0	286
3	Immune boosting by B.1.1.529 (Omicron) depends on previous SARS-CoV-2 exposure. Science, 2022, 377, .	6.0	241
4	Prospective Case-Control Study of Cardiovascular Abnormalities 6 Months Following Mild COVID-19 in Healthcare Workers. JACC: Cardiovascular Imaging, 2021, 14, 2155-2166.	2.3	111
5	The Prognostic Significance of Quantitative Myocardial Perfusion: An Artificial Intelligence Based Approach Using Perfusion Mapping. Circulation, 2020, 141, 1282-1291.	1.6	100
6	Dilated cardiomyopathy and arrhythmogenic left ventricular cardiomyopathy: a comprehensive genotype-imaging phenotype study. European Heart Journal Cardiovascular Imaging, 2020, 21, 326-336.	0.5	90
7	A Multicenter, Scan-Rescan, Human and Machine Learning CMR Study to Test Generalizability and Precision in Imaging Biomarker Analysis. Circulation: Cardiovascular Imaging, 2019, 12, e009214.	1.3	75
8	Improving the Generalizability of Convolutional Neural Network-Based Segmentation on CMR Images. Frontiers in Cardiovascular Medicine, 2020, 7, 105.	1.1	74
9	Apical Hypertrophic Cardiomyopathy: The Variant Less Known. Journal of the American Heart Association, 2020, 9, e015294.	1.6	72
10	Identifying Cardiac Amyloid in Aortic Stenosis. JACC: Cardiovascular Imaging, 2020, 13, 2177-2189.	2.3	65
11	Diagnosis and risk stratification in hypertrophic cardiomyopathy using machine learning wall thickness measurement: a comparison with human test-retest performance. The Lancet Digital Health, 2021, 3, e20-e28.	5.9	57
12	Blood transcriptional biomarkers of acute viral infection for detection of pre-symptomatic SARS-CoV-2 infection: a nested, case-control diagnostic accuracy study. Lancet Microbe, The, 2021, 2, e508-e517.	3.4	52
13	Cryptosporidium spp., Giardia duodenalis, Enterocytozoon bieneusi and Other Intestinal Parasites in Young Children in Lobata Province, Democratic Republic of São Tomé and Principe. PLoS ONE, 2014, 9, e97708.	1.1	48
14	Myocardial Storage, Inflammation, and Cardiac Phenotype in Fabry Disease After One Year of Enzyme Replacement Therapy. Circulation: Cardiovascular Imaging, 2019, 12, e009430.	1.3	47
15	Global longitudinal strain, myocardial storage and hypertrophy in Fabry disease. Heart, 2019, 105, 470-476.	1.2	45
16	Quantitative myocardial perfusion in coronary artery disease: A perfusion mapping study. Journal of Magnetic Resonance Imaging, 2019, 50, 756-762.	1.9	35
17	Quantitative cardiac MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 693-711.	1.9	35
18	The myocardial phenotype of Fabry disease pre-hypertrophy and pre-detectable storage. European Heart Journal Cardiovascular Imaging, 2021, 22, 790-799.	0.5	35

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19	Myocardial Edema, Myocyte Injury, and Disease Severity in Fabry Disease. Circulation: Cardiovascular Imaging, 2020, 13, e010171.	1.3	35
20	Quantitative Myocardial Perfusion in Fabry Disease. Circulation: Cardiovascular Imaging, 2019, 12, e008872.	1.3	32
21	Precision measurement of cardiac structure and function in cardiovascular magnetic resonance using machine learning. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 16.	1.6	30
22	Inline perfusion mapping provides insights into the disease mechanism in hypertrophic cardiomyopathy. Heart, 2020, 106, 824-829.	1.2	26
23	Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. Wellcome Open Research, 2020, 5, 179.	0.9	21
24	Prognostic Value of Pulmonary Transit Time and Pulmonary Blood Volume Estimation Using Myocardial PerfusionÂCMR. JACC: Cardiovascular Imaging, 2021, 14, 2107-2119.	2.3	18
25	HLAâ€ĐR polymorphism in SARSâ€CoVâ€2 infection and susceptibility to symptomatic COVIDâ€19. Immunology, 2022, 166, 68-77.	2.0	18
26	Non-invasive assessment of ventriculo-arterial coupling using aortic wave intensity analysis combining central blood pressure and phase-contrast cardiovascular magnetic resonance. European Heart Journal Cardiovascular Imaging, 2020, 21, 805-813.	0.5	17
27	Repeatability of Cardiac Magnetic Resonance Radiomics: A Multi-Centre Multi-Vendor Test-Retest Study. Frontiers in Cardiovascular Medicine, 2020, 7, 586236.	1.1	17
28	Myocardial Perfusion Defects in Hypertrophic Cardiomyopathy Mutation Carriers. Journal of the American Heart Association, 2021, 10, e020227.	1.6	15
29	Early peripheral endothelial dysfunction predicts myocardial infarct extension and microvascular obstruction in patients with ST-elevation myocardial infarction. Revista Portuguesa De Cardiologia, 2017, 36, 731-742.	0.2	14
30	Risk stratification in normotensive acute pulmonary embolism patients: focus on the intermediateâ€"high risk subgroup. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 279-285.	0.4	13
31	Derivation and external validation of the SHIeLD score for predicting outcome in normotensive pulmonary embolism. International Journal of Cardiology, 2019, 281, 119-124.	0.8	12
32	Cardiovascular Remodeling Experienced by Real-World, Unsupervised, Young Novice Marathon Runners. Frontiers in Physiology, 2020, 11, 232.	1.3	12
33	Automated Inâ€Line Artificial Intelligence Measured Global Longitudinal Shortening and Mitral Annular Plane Systolic Excursion: Reproducibility and Prognostic Significance. Journal of the American Heart Association, 2022, 11, e023849.	1.6	11
34	Age matters: differences in exercise-induced cardiovascular remodelling in young and middle aged healthy sedentary individuals. European Journal of Preventive Cardiology, 2021, 28, 738-746.	0.8	10
35	Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. Wellcome Open Research, 2020, 5, 179.	0.9	10
36	Myocardial Fibrosis Quantified by Cardiac CT Predicts Outcome in Severe Aortic Stenosis After Transcatheter Intervention. JACC: Cardiovascular Imaging, 2022, 15, 542-544.	2.3	9

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37	Inappropriate Prescribing to Elderly Patients in an Internal Medicine Ward. Acta Medica Portuguesa, 2019, 32, 141-148.	0.2	8
38	Measurement of T1 Mapping in Patients With Cardiac Devices: Off-Resonance Error Extends Beyond Visual Artifact but Can Be Quantified and Corrected. Frontiers in Cardiovascular Medicine, 2021, 8, 631366.	1.1	6
39	Use of quantitative cardiovascular magnetic resonance myocardial perfusion mapping for characterization of ischemia in patients with left internal mammary coronary artery bypass grafts. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 82.	1.6	6
40	Longitudinal Assessment of CardiacÂInvolvement in Fabry Disease UsingÂCardiovascular Magnetic ResonanceÂImaging. JACC: Cardiovascular Imaging, 2020, 13, 1850-1852.	2.3	5
41	Enfarte agudo do miocÃ¡rdio no YouTube â€" Is it all fake news?. Revista Portuguesa De Cardiologia, 2021, 40, 815-825.	0.2	5
42	Acute myocardial infarction on YouTube â€" is it all fake news?. Revista Portuguesa De Cardiologia (English Edition), 2021, 40, 815-825.	0.2	5
43	Mild troponin elevation in patients admitted to the emergency department with atrial fibrillation: 30-day post-discharge prognostic significance. Internal and Emergency Medicine, 2018, 13, 333-341.	1.0	4
44	Mean Scar Entropy by Late Gadolinium Enhancement Cardiac Magnetic Resonance Is Associated With Ventricular Arrhythmias Events in Hypertrophic Cardiomyopathy. Frontiers in Cardiovascular Medicine, 2021, 8, 758635.	1.1	4
45	Early peripheral endothelial dysfunction predicts myocardial infarct extension and microvascular obstruction in patients with ST-elevation myocardial infarction. Revista Portuguesa De Cardiologia (English Edition), 2017, 36, 731-742.	0.2	3
46	Tromboembolismo pulmonar e disseÃ§Ã£o da aorta concomitantes: abordagem Ã anticoagulaÃ§Ã£o. Revista Portuguesa De Cardiologia, 2020, 39, 351.e1-351.e4.	0.2	3
47	Advanced Imaging Insights in ApicalÂHypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2020, 13, 624-630.	2.3	3
48	Non-invasive Ischaemia Testing in Patients With Prior Coronary Artery Bypass Graft Surgery: Technical Challenges, Limitations, and Future Directions. Frontiers in Cardiovascular Medicine, 2021, 8, 795195.	1.1	3
49	TCT-712 Using all the information available: PdPa, FFR contrast and FFR adenosine in the evaluation of intermediate coronary lesions. Journal of the American College of Cardiology, 2017, 70, B304-B305.	1.2	2
50	Mapping Phenotype Development in Fabry Disease. Circulation: Cardiovascular Imaging, 2019, 12, e009067.	1.3	2
51	Implantation of a dual-chamber pacemaker in a patient with situs inversus and dextrocardia using a novel ultrasound technique. Journal of Cardiovascular Echography, 2019, 29, 129.	0.1	2
52	Utility of Pacemaker With Sleep Apnea Monitor to Predict Left Ventricular Overload and Acute Decompensated Heart Failure. American Journal of Cardiology, 2019, 124, 1720-1724.	0.7	1
53	Ventricular tachycardia induced by pacing algorithm designed to avoid atrial fibrillation. Revista Portuguesa De Cardiologia, 2020, 39, 611.e1-611.e3.	0.2	1
54	Concomitant pulmonary embolism and aortic dissection: An approach to anticoagulation. Revista Portuguesa De Cardiologia (English Edition), 2020, 39, 351.e1-351.e4.	0.2	1

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55	Biventricular Arrhythmogenic Cardiomyopathy: A New Paradigm?. International Journal of Cardiovascular Sciences, 2016, 29, .	0.0	1
56	In Search for Optimal Image Quality in Pediatric Cardiac CT Angiogram. Arquivos Brasileiros De Cardiologia, 2021, 116, 106-107.	0.3	1
57	The natural progression of cardiac involvement in Fabry disease. Molecular Genetics and Metabolism, 2019, 126, S148.	0.5	0
58	Unusual Submitral Aneurysms. Circulation: Cardiovascular Imaging, 2020, 13, e010466.	1.3	0
59	Breaking down the barriers: Re-evaluating risk of MRI in patients with cardiac implantable electronic devices via collaborative practice. Revista Portuguesa De Cardiologia, 2021, 40, 53-55.	0.2	0
60	Improved Cardiac Iron One Year After Including Rapid Magnetic Resonance Imaging Scanning in a Thalassaemia Medical Camp: Ultrafast MRI For Iron Management in India â€" The UMIMI Study. SSRN Electronic Journal, 0, , .	0.4	0
61	Breaking down the barriers: Re-evaluating risk of MRI in patients with cardiac implantable electronic devices via collaborative practice. Revista Portuguesa De Cardiologia (English Edition), 2021, 40, 53-55.	0.2	0
62	20â€¦Apical ischaemia is ubiquitous in apical hypertrophic cardiomyopathy and occurs before overt hypertrophy. , 2021, , .		0
63	Familial cardiomyopathy caused by a novel heterozygous mutation in the gene (c.1434dupG): a cardiac MRI-augmented segregation study. Acta Myologica, 2019, 38, 159-162.	1.5	0
64	Use of Rapid Cardiac Magnetic Resonance Imaging (rCMR) to guide chelation therapy in patients with transfusion-dependent thalassemia in India UMIMI Study. European Heart Journal Quality of Care & Clinical Outcomes, 2021, , .	1.8	0
65	Ventricular tachycardia induced by pacing algorithm designed to avoid atrial fibrillation. Revista Portuguesa De Cardiologia (English Edition), 2020, 39, 611.e1-611.e3.	0.2	0