

# João B Augusto

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

2,156  
citations

331259

21  
h-index

264894

42  
g-index

73  
all docs

73  
docs citations

73  
times ranked

3865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated In-Plane Artificial Intelligence Measured Global Longitudinal Shortening and Mitral Annular Plane Systolic Excursion: Reproducibility and Prognostic Significance. <i>Journal of the American Heart Association</i> , 2022, 11, e023849.	1.6	11
2	Precision measurement of cardiac structure and function in cardiovascular magnetic resonance using machine learning. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 16.	1.6	30
3	Myocardial Fibrosis Quantified by Cardiac CT Predicts Outcome in Severe Aortic Stenosis After Transcatheter Intervention. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 542-544.	2.3	9
4	HLA-DR polymorphism in SARS-CoV-2 infection and susceptibility to symptomatic COVID-19. <i>Immunology</i> , 2022, 166, 68-77.	2.0	18
5	Immune boosting by B.1.1.529 (Omicron) depends on previous SARS-CoV-2 exposure. <i>Science</i> , 2022, 377, .	6.0	241
6	Age matters: differences in exercise-induced cardiovascular remodelling in young and middle aged healthy sedentary individuals. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 738-746.	0.8	10
7	The myocardial phenotype of Fabry disease pre-hypertrophy and pre-detectable storage. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 790-799.	0.5	35
8	Diagnosis and risk stratification in hypertrophic cardiomyopathy using machine learning wall thickness measurement: a comparison with human test-retest performance. <i>The Lancet Digital Health</i> , 2021, 3, e20-e28.	5.9	57
9	Breaking down the barriers: Re-evaluating risk of MRI in patients with cardiac implantable electronic devices via collaborative practice. <i>Revista Portuguesa De Cardiologia</i> , 2021, 40, 53-55.	0.2	0
10	Breaking down the barriers: Re-evaluating risk of MRI in patients with cardiac implantable electronic devices via collaborative practice. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2021, 40, 53-55.	0.2	0
11	Measurement of T1 Mapping in Patients With Cardiac Devices: Off-Resonance Error Extends Beyond Visual Artifact but Can Be Quantified and Corrected. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 631366.	1.1	6
12	Prior SARS-CoV-2 infection rescues B and T cell responses to variants after first vaccine dose. <i>Science</i> , 2021, 372, 1418-1423.	6.0	286
13	Prognostic Value of Pulmonary Transit Time and Pulmonary Blood Volume Estimation Using Myocardial Perfusion CMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2107-2119.	2.3	18
14	Prospective Case-Control Study of Cardiovascular Abnormalities 6 Months Following Mild COVID-19 in Healthcare Workers. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 2155-2166.	2.3	111
15	Enfarte agudo do miocárdio no YouTube “Is it all fake news?”. <i>Revista Portuguesa De Cardiologia</i> , 2021, 40, 815-825.	0.2	5
16	Use of quantitative cardiovascular magnetic resonance myocardial perfusion mapping for characterization of ischemia in patients with left internal mammary coronary artery bypass grafts. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 82.	1.6	6
17	Myocardial Perfusion Defects in Hypertrophic Cardiomyopathy Mutation Carriers. <i>Journal of the American Heart Association</i> , 2021, 10, e020227.	1.6	15
18	Blood transcriptional biomarkers of acute viral infection for detection of pre-symptomatic SARS-CoV-2 infection: a nested, case-control diagnostic accuracy study. <i>Lancet Microbe</i> , The, 2021, 2, e508-e517.	3.4	52

#	ARTICLE	IF	CITATIONS
19	2020...Apical ischaemia is ubiquitous in apical hypertrophic cardiomyopathy and occurs before overt hypertrophy. , 2021, , .		0
20	In Search for Optimal Image Quality in Pediatric Cardiac CT Angiogram. Arquivos Brasileiros De Cardiologia, 2021, 116, 106-107.	0.3	1
21	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
22	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
23	Acute myocardial infarction on YouTube "is it all fake news?". Revista Portuguesa De Cardiologia (English Edition), 2021, 40, 815-825.	0.2	5
24	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
25	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
26	Quantitative cardiac MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 693-711.	1.9	35
27	Risk stratification in normotensive acute pulmonary embolism patients: focus on the intermediate"high risk subgroup. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 279-285.	0.4	13
28	Tromboembolismo pulmonar e disseção da aorta concomitantes: abordagem à anticoagulação. Revista Portuguesa De Cardiologia, 2020, 39, 351.e1-351.e4.	0.2	3
29	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
30	Advanced Imaging Insights in Apical Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2020, 13, 624-630.	2.3	3
31	Unusual Submitral Aneurysms. Circulation: Cardiovascular Imaging, 2020, 13, e010466.	1.3	0
32	Ventricular tachycardia induced by pacing algorithm designed to avoid atrial fibrillation. Revista Portuguesa De Cardiologia, 2020, 39, 611.e1-611.e3.	0.2	1
33	Repeatability of Cardiac Magnetic Resonance Radiomics: A Multi-Centre Multi-Vendor Test-Retest Study. Frontiers in Cardiovascular Medicine, 2020, 7, 586236.	1.1	17
34	Identifying Cardiac Amyloid in Aortic Stenosis. JACC: Cardiovascular Imaging, 2020, 13, 2177-2189.	2.3	65
35	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
36	COVID-19: PCR screening of asymptomatic health-care workers at London hospital. Lancet, The, 2020, 395, 1608-1610.	6.3	295

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37	Inline perfusion mapping provides insights into the disease mechanism in hypertrophic cardiomyopathy. <i>Heart</i> , 2020, 106, 824-829.	1.2	26
38	Myocardial Edema, Myocyte Injury, and Disease Severity in Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e010171.	1.3	35
39	Apical Hypertrophic Cardiomyopathy: The Variant Less Known. <i>Journal of the American Heart Association</i> , 2020, 9, e015294.	1.6	72
40	Improving the Generalizability of Convolutional Neural Network-Based Segmentation on CMR Images. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 105.	1.1	74
41	The Prognostic Significance of Quantitative Myocardial Perfusion: An Artificial Intelligence Based Approach Using Perfusion Mapping. <i>Circulation</i> , 2020, 141, 1282-1291.	1.6	100
42	Cardiovascular Remodeling Experienced by Real-World, Unsupervised, Young Novice Marathon Runners. <i>Frontiers in Physiology</i> , 2020, 11, 232.	1.3	12
43	Longitudinal Assessment of Cardiac Involvement in Fabry Disease Using Cardiovascular Magnetic Resonance Imaging. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1850-1852.	2.3	5
44	Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 179.	0.9	10
45	Healthcare Workers Bioresource: Study outline and baseline characteristics of a prospective healthcare worker cohort to study immune protection and pathogenesis in COVID-19. <i>Wellcome Open Research</i> , 2020, 5, 179.	0.9	21
46	Ventricular tachycardia induced by pacing algorithm designed to avoid atrial fibrillation. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2020, 39, 611.e1-611.e3.	0.2	0
47	Quantitative Myocardial Perfusion in Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008872.	1.3	32
48	A Multicenter, Scan-Rescan, Human and Machine Learning CMR Study to Test Generalizability and Precision in Imaging Biomarker Analysis. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009214.	1.3	75
49	Utility of Pacemaker With Sleep Apnea Monitor to Predict Left Ventricular Overload and Acute Decompensated Heart Failure. <i>American Journal of Cardiology</i> , 2019, 124, 1720-1724.	0.7	1
50	Quantitative myocardial perfusion in coronary artery disease: A perfusion mapping study. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 756-762.	1.9	35
51	The natural progression of cardiac involvement in Fabry disease. <i>Molecular Genetics and Metabolism</i> , 2019, 126, S148.	0.5	0
52	Inappropriate Prescribing to Elderly Patients in an Internal Medicine Ward. <i>Acta Medica Portuguesa</i> , 2019, 32, 141-148.	0.2	8
53	Mapping Phenotype Development in Fabry Disease. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009067.	1.3	2
54	Myocardial Storage, Inflammation, and Cardiac Phenotype in Fabry Disease After One Year of Enzyme Replacement Therapy. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009430.	1.3	47

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55	Derivation and external validation of the SHIELD score for predicting outcome in normotensive pulmonary embolism. <i>International Journal of Cardiology</i> , 2019, 281, 119-124.	0.8	12
56	Global longitudinal strain, myocardial storage and hypertrophy in Fabry disease. <i>Heart</i> , 2019, 105, 470-476.	1.2	45
57	Implantation of a dual-chamber pacemaker in a patient with situs inversus and dextrocardia using a novel ultrasound technique. <i>Journal of Cardiovascular Echography</i> , 2019, 29, 129.	0.1	2
58	Familial cardiomyopathy caused by a novel heterozygous mutation in the gene (c.1434dupG): a cardiac MRI-augmented segregation study. <i>Acta Myologica</i> , 2019, 38, 159-162.	1.5	0
59	Mild troponin elevation in patients admitted to the emergency department with atrial fibrillation: 30-day post-discharge prognostic significance. <i>Internal and Emergency Medicine</i> , 2018, 13, 333-341.	1.0	4
60	Early peripheral endothelial dysfunction predicts myocardial infarct extension and microvascular obstruction in patients with ST-elevation myocardial infarction. <i>Revista Portuguesa De Cardiologia</i> , 2017, 36, 731-742.	0.2	14
61	Early peripheral endothelial dysfunction predicts myocardial infarct extension and microvascular obstruction in patients with ST-elevation myocardial infarction. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2017, 36, 731-742.	0.2	3
62	TCT-712 Using all the information available: PdPa, FFR contrast and FFR adenosine in the evaluation of intermediate coronary lesions. <i>Journal of the American College of Cardiology</i> , 2017, 70, B304-B305.	1.2	2
63	Biventricular Arrhythmogenic Cardiomyopathy: A New Paradigm?. <i>International Journal of Cardiovascular Sciences</i> , 2016, 29, .	0.0	1
64	<i>Cryptosporidium</i> spp., <i>Giardia duodenalis</i> , <i>Enterocytozoon bieneusi</i> and Other Intestinal Parasites in Young Children in Lobata Province, Democratic Republic of São Tomé and Príncipe. <i>PLoS ONE</i> , 2014, 9, e97708.	1.1	48
65	Improved Cardiac Iron One Year After Including Rapid Magnetic Resonance Imaging Scanning in a Thalassaemia Medical Camp: Ultrafast MRI For Iron Management in India – The UMIMI Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0