Otavio R Coelho-Filho

List of Publications by Year
in descending order

101 papers	3,278 citations	201385 27 h-index	155451 55 g-index
106 all docs	106 docs citations	106 times ranked	4968 citing authors

#	Article	IF	Citations
1	Association of carotid wall layers with atherosclerotic plaques and cardiac hypertrophy in hypertensive subjects. Journal of Human Hypertension, 2022, 36, 732-737.	1.0	3
2	Compliance with Cardiovascular Prevention Guidelines in Type 2 Diabetes Individuals in a Middle-Income Region: A Cross-Sectional Analysis. Diagnostics, 2022, 12, 814.	1.3	1
3	Relationship Between Circulating MicroRNAs and Left Ventricular Hypertrophy in Hypertensive Patients. Frontiers in Cardiovascular Medicine, 2022, 9, 798954.	1.1	3
4	Cardiac MRI T1 and T2 Mapping: A New Crystal Ball?. Radiology, 2022, 305, 327-328.	3.6	1
5	Impact of emergency shortâ€stay unit opening on inâ€hospital global and cardiology indicators. Journal of Evaluation in Clinical Practice, 2021, 27, 1262-1270.	0.9	3
6	Pre-clinical left ventricular myocardial remodeling in patients with Friedreichâ€™s ataxia: A cardiac MRI study. PLoS ONE, 2021, 16, e0246633.	1.1	6
7	Electrocardiographic features of immune checkpoint inhibitor associated myocarditis. , 2021, 9, e002007.		36
8	Serum potassium levels provide prognostic information in symptomatic heart failure beyond traditional clinical variables. ESC Heart Failure, 2021, 8, 2133-2143.	1.4	5
9	Myocardial T1 and T2 Mapping by Magnetic Resonance in PatientsÂWithÂImmune Checkpoint Inhibitorâ€“Associated Myocarditis. Journal of the American College of Cardiology, 2021, 77, 1503-1516.	1.2	97
10	Glucose-lowering Drugs and Hospitalization for Heart Failure: A Systematic Review and Additive-effects Network Meta-analysis With More Than 500 000 Patient-years. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 3060-3067.	1.8	7
11	What Is the Clinical Impact of Stress CMR After the ISCHEMIA Trial?. Frontiers in Cardiovascular Medicine, 2021, 8, 683434.	1.1	13
12	Empagliflozin Reduces Myocardial Extracellular Volume in Patients WithÂType 2 Diabetes and CoronaryÂArtery Disease. JACC: Cardiovascular Imaging, 2021, 14, 1164-1173.	2.3	51
13	Para Quais Pacientes Infectados pelo HIV a Aspirina e as Estatinas SÃ£o Boas?. Arquivos Brasileiros De Cardiologia, 2021, 117, 376-377.	0.3	0
14	Intrafamilial phenotypic heterogeneity related to a new DMD splice site variant. Neuromuscular Disorders, 2021, 31, 788-797.	0.3	1
15	Cardiac magnetic resonance assessment of right ventricular remodeling after anthracycline therapy. Scientific Reports, 2021, 11, 17132.	1.6	12
16	Posicionamento sobre DiagnÃ³stico e Tratamento da Amiloidose CardÃaca â€“ 2021. Arquivos Brasileiros De Cardiologia, 2021, 117, 561-598.	0.3	35
17	Posicionamento Brasileiro sobre o Uso da Multimodalidade de Imagens na Cardio-Oncologia â€“ 2021. Arquivos Brasileiros De Cardiologia, 2021, 117, 845-909.	0.3	5
18	AtualizaÃ§Ã£o de TÃ³picos Emergentes da Diretriz Brasileira de InsuficiÃªncia CardÃaca â€“ 2021. Arquivos Brasileiros De Cardiologia, 2021, 116, 1174-1212.	0.3	13

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19	Impact of empagliflozin on right ventricular parameters and function among patients with type 2 diabetes. Cardiovascular Diabetology, 2021, 20, 200.	2.7	10
20	Dapagliflozin reduces adiposity and increases adiponectin in patients with type 2 diabetes and atherosclerotic disease at short-term: an active-controlled randomised trial. Diabetes and Metabolism, 2021, 48, 101304.	1.4	1
21	Possible Mechanisms of Action of SGLT2 Inhibitors in Heart Failure. , 2021, 1, 33-43.		1
22	Impact of Hypertension History and Blood Pressure at Presentation on Cardiac Remodeling and Mortality in Aortic Dissection. Frontiers in Cardiovascular Medicine, 2021, 8, 803283.	1.1	1
23	Association of Circulating miR-145-5p and miR-let7c and Atherosclerotic Plaques in Hypertensive Patients. Biomolecules, 2021, 11, 1840.	1.8	4
24	Abstract 11777: Global Radial Strain Predicts Cardiovascular Events in Patients With Myocarditis Related to the Use of Immune Checkpoint Inhibitors. Circulation, 2021, 144, .	1.6	0
25	Lower bone mass is associated with subclinical atherosclerosis, endothelial dysfunction and carotid thickness in the very elderly. Atherosclerosis, 2020, 292, 70-74.	0.4	10
26	Excess weight mediates changes in HDL pool that reduce cholesterol efflux capacity and increase antioxidant activity. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 254-264.	1.1	9
27	Cardiovascular magnetic resonance in immune checkpoint inhibitor-associated myocarditis. European Heart Journal, 2020, 41, 1733-1743.	1.0	212
28	Statin Use in the Early Phase of ST-Segment Elevation Myocardial Infarction Is Associated With Decreased QTc Dispersion. Journal of Cardiovascular Pharmacology and Therapeutics, 2020, 25, 226-231.	1.0	1
29	Advances in the Treatment of Cardiac Amyloidosis. Current Treatment Options in Oncology, 2020, 21, 36.	1.3	39
30	TÃ³picos Emergentes em InsuficiÃªncia CardÃaca: Novos Paradigmas na Amiloidose CardÃaca. Arquivos Brasileiros De Cardiologia, 2020, 115, 945-948.	0.3	2
31	Abstract 17007: Cardiac Magnetic Resonance Assessment of Right Ventricular Remodeling After Anthracycline Therapy. Circulation, 2020, 142, .	1.6	0
32	Assessment of dapagliflozin effect on diabetic endothelial dysfunction of brachial artery (ADDENDA-BHS2 trial): rationale, design, and baseline characteristics of a randomized controlled trial. Diabetology and Metabolic Syndrome, 2019, 11, 62.	1.2	9
33	State-of-the-Art Quantitative Assessment of Myocardial Ischemia by Stress Perfusion Cardiac Magnetic Resonance. Magnetic Resonance Imaging Clinics of North America, 2019, 27, 491-505.	0.6	10
34	Noninvasive imaging assessment of rehabilitation therapy in heart failure with preserved and reduced left ventricular ejection fraction (IMAGING-REHAB-HF): design and rationale. Therapeutic Advances in Chronic Disease, 2019, 10, 204062231986837.	1.1	2
35	Advanced Imaging of Pericardial Diseases. Contemporary Cardiology, 2019, , 309-321.	0.0	0
36	Omega-3 intake is associated with attenuated inflammatory response and cardiac remodeling after myocardial infarction. Nutrition Journal, 2019, 18, 29.	1.5	10

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37	Intensive treatment of hyperglycemia in the acute phase of myocardial infarction: the tenuous balance between effectiveness and safety â€“ a systematic review and meta-analysis of randomized clinical trials. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2019, 65, 24-32.	0.3	4
38	Prevalence, treatment, and control of dyslipidemia in diabetic participants of two brazilian cohorts: a place far from heaven. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2019, 65, 3-8.	0.3	2
39	Assessment of Cardiotoxicity of Cancer Chemotherapy. Magnetic Resonance Imaging Clinics of North America, 2019, 27, 533-544.	0.6	11
40	Adverse interaction between HDL and the mass of myocardial infarction. Atherosclerosis, 2019, 281, 9-16.	0.4	8
41	Comparing CMR Mapping Methods andÂMyocardial Patterns Toward HeartÂFailure Outcomes in NonischemicÂDilated Cardiomyopathy. JACC: Cardiovascular Imaging, 2019, 12, 1659-1669.	2.3	80
42	Updated Cardiovascular Prevention Guideline of the Brazilian Society of Cardiology - 2019. Arquivos Brasileiros De Cardiologia, 2019, 113, 787-891.	0.3	102
43	Myocardial tissue remodeling after orthotopic heart transplantation: a pilot cardiac magnetic resonance study. International Journal of Cardiovascular Imaging, 2018, 34, 15-24.	0.7	23
44	Distinct factors are related to lower limb atherosclerosis in smokers and nonsmokers. Journal of Hypertension, 2018, 36, 2390-2397.	0.3	3
45	Cardiac Involvement in Erdheim-Chester Disease. Circulation: Cardiovascular Imaging, 2018, 11, e008531.	1.3	7
46	Anthracycline Therapy Is Associated With Cardiomyocyte Atrophy and Preclinical Manifestations of HeartÂDisease. JACC: Cardiovascular Imaging, 2018, 11, 1045-1055.	2.3	109
47	Cardiac Sympathetic Activity and the Neuro-Humoral Theory on Heart Failure with Reduced Ejection Fraction: Have We Learned Enough?. Arquivos Brasileiros De Cardiologia, 2018, 111, 191-192.	0.3	0
48	Cystatin C as a Candidate Biomarker of Cardiovascular Outcomes: Too Near, but too Far from Reality. Arquivos Brasileiros De Cardiologia, 2018, 111, 808-809.	0.3	0
49	Abstract 17263: Pre-Clinical Left Ventricular Myocardial Remodeling in Patients With Friedreichâ€™s Ataxia: A Cardiac MRI Study. Circulation, 2018, 138, .	1.6	0
50	A Simpler and Shorter Neuromuscular Electrical Stimulation Protocol Improves Functional Status and Modulates Inflammatory Profile in Patients with End-Stage Congestive Heart Failure. International Journal of Cardiovascular Sciences, 2017, , .	0.0	1
51	Characterization of the Changes in Cardiac Structure and Function in Mice Treated With Anthracyclines Using Serial Cardiac Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	83
52	Imaging of the Heart: Myocardial Imaging. , 2016, , 19-29.		0
53	Characterization of both myocardial extracellular volume expansion and myocyte mypertrophy by CMR detect early signs of myocardial tissue remodeling in Friedreich's ataxia patients without heart failure.. Journal of Cardiovascular Magnetic Resonance, 2016, 18, W7.	1.6	1
54	Carotid flow velocity/diameter ratio is a predictor of cardiovascular events in hypertensive patients. Journal of Hypertension, 2015, 33, 2054-2060.	0.3	15

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55	Multimodality Imaging of Giant Right Coronary Aneurysm and Postsurgical Coronary Artery Inflammation. Circulation, 2015, 132, e1-5.	1.6	9
56	Characterization of both myocardial extracellular volume expansion and myocyte hypertrophy by CMR in heart transplantation recipients without active rejection: implications for early cardiac remodeling. Journal of Cardiovascular Magnetic Resonance, 2015, 17, O75.	1.6	2
57	Abstract 10378: Characterization of Changes in Cardiac Structure and Function in Mice Treated With Anthracyclines Using Serial Cardiac Magnetic Resonance Imaging. Circulation, 2015, 132, .	1.6	0
58	Cardiac magnetic resonance imaging in clinical practice. Radiologia Brasileira, 2014, 47, 1-8.	0.3	6
59	Cardiac Magnetic Resonance Assessment of Interstitial Myocardial Fibrosis and Cardiomyocyte Hypertrophy in Hypertensive Mice Treated With Spironolactone. Journal of the American Heart Association, 2014, 3, e000790.	1.6	38
60	Vasodilator Stress Perfusion CMR ImagingÂIs Feasible and Prognostic inÂObese Patients. JACC: Cardiovascular Imaging, 2014, 7, 462-472.	2.3	34
61	Imaging methods for detection of chemotherapy-associated cardiotoxicity and dysfunction. Expert Review of Cardiovascular Therapy, 2014, 12, 487-497.	0.6	10
62	Onset of hypertension during pregnancy is associated with long-term worse blood pressure control and adverse cardiac remodeling. Journal of the American Society of Hypertension, 2014, 8, 827-831.	2.3	1
63	Infarct Tissue Heterogeneity by Contrast-Enhanced Magnetic Resonance Imaging Is a Novel Predictor of Mortality in Patients With Chronic Coronary Artery Disease and Left Ventricular Dysfunction. Circulation: Cardiovascular Imaging, 2014, 7, 887-894.	1.3	36
64	Myocardial Extracellular Volume Expansion and the Risk of Recurrent Atrial Fibrillation After Pulmonary Vein Isolation. JACC: Cardiovascular Imaging, 2014, 7, 1-11.	2.3	58
65	Case 4/2015 A 48-year-old Male Patient with Coarctation of the Aorta, Bicuspid Aortic Valve and Normal Ascending Aorta. Arquivos Brasileiros De Cardiologia, 2014, 104, e27-9.	0.3	1
66	Comparison between MDCT and Grayscale IVUS in a Quantitative Analysis of Coronary Lumen in Segments with or without Atherosclerotic Plaques. Arquivos Brasileiros De Cardiologia, 2014, 104, 315-23.	0.3	3
67	Cellular hypertrophy occurs before interstitial fibrosis in pressure-overload heart failure. Journal of Cardiovascular Magnetic Resonance, 2013, 15, O2.	1.6	0
68	Myocardial extracellular volume expansion in patients with hypertension. Journal of Cardiovascular Magnetic Resonance, 2013, 15, O110.	1.6	0
69	The incidence and prognostic value of silent myocardial scar by late gadolinium enhancement in patients with atrial fibrillation. Journal of Cardiovascular Magnetic Resonance, 2013, 15, P259.	1.6	0
70	CMR Quantification of Myocardial Scar Provides Additive Prognostic Information in Nonischemic Cardiomyopathy. JACC: Cardiovascular Imaging, 2013, 6, 944-954.	2.3	165
71	Peri-Infarct Zone Characterized by Cardiac Magnetic Resonance Imaging is Directly Associated with the Inflammatory Activity During Acute Phase Myocardial Infarction. Inflammation, 2013, 37, 678-85.	1.7	12
72	Effect of Cardiac Stem Cells on Left-Ventricular Remodeling in a Canine Model of Chronic Myocardial Infarction. Circulation: Heart Failure, 2013, 6, 99-106.	1.6	41

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73	Myocardial Extracellular Volume by Cardiac Magnetic Resonance Imaging in Patients Treated With Anthracycline-Based Chemotherapy. American Journal of Cardiology, 2013, 111, 717-722.	0.7	165
74	The Incidence, Pattern, and Prognostic Value ofÂLeft Ventricular Myocardial Scar by LateÂGadolinium Enhancement in Patients WithÃAtrial Fibrillation. Journal of the American College of Cardiology, 2013, 62, 2205-2214.	1.2	59
75	Optimized ventricular restraint therapy: Adjustable restraint is superior to standard restraint in an ovine model of ischemic cardiomyopathy. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 824-831.	0.4	19
76	Myocardial Extracellular Volume Fraction From T1 Measurements in Healthy Volunteers and Mice. JACC: Cardiovascular Imaging, 2013, 6, 672-683.	2.3	95
77	Stress Cardiac Magnetic Resonance Imaging Provides Effective Cardiac Risk Reclassification in Patients With Known or Suspected Stable Coronary Artery Disease. Circulation, 2013, 128, 605-614.	1.6	65
78	MR Myocardial Perfusion Imaging. Radiology, 2013, 266, 701-715.	3.6	104
79	Role of Transcytolemmal Water-Exchange in Magnetic Resonance Measurements of Diffuse Myocardial Fibrosis in Hypertensive Heart Disease. Circulation: Cardiovascular Imaging, 2013, 6, 134-141.	1.3	89
80	Quantification of Cardiomyocyte Hypertrophy by Cardiac Magnetic Resonance. Circulation, 2013, 128, 1225-1233.	1.6	105
81	Myocardial Tissue Remodeling in Adolescent Obesity. Journal of the American Heart Association, 2013, 2, e000279.	1.6	48
82	Do We Need a New Prescription to View Myocardial Perfusion?. JACC: Cardiovascular Imaging, 2012, 5, 167-168.	2.3	3
83	Quantification of Extracellular Matrix Expansion by CMR in Infiltrative Heart Disease. JACC: Cardiovascular Imaging, 2012, 5, 897-907.	2.3	123
84	Left Ventricular Mass in Patients With a Cardiomyopathy After Treatment With Anthracyclines. American Journal of Cardiology, 2012, 110, 1679-1686.	0.7	161
85	Stress Myocardial Perfusion Imaging by CMR Provides Strong Prognostic Value to Cardiac Events Regardless of Patient's Sex. JACC: Cardiovascular Imaging, 2011, 4, 850-861.	2.3	113
86	Trombectomia adjunta em intervenÃ§Ã£o percutÃ¢nea primÃ¡ria para infarto agudo do miocÃ¡rdio. Arquivos Brasileiros De Cardiologia, 2011, 97, e91-e101.	0.3	6
87	Characterization of peri-infarct zone by CMR is a robust predictor of major adverse events and is strongly associated with systemic inflammatory response post-myocardial infarction. Journal of Cardiovascular Magnetic Resonance, 2011, 13, .	1.6	0
88	Recent Developments in Outcomes Research in Cardiovascular MRI. Current Cardiovascular Imaging Reports, 2010, 3, 175-186.	0.4	0
89	Ventricular restraint therapy for heart failure: The right ventricle is different from the left ventricle. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1012-1018.	0.4	18
90	Combined stress myocardial perfusion and late gadolinium enhancement imaging by cardiac magnetic resonance provides robust prognostic data to cardiac events. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	1.6	0

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91	Fragmented QRS complex and late gadolinium enhancement characterization of unrecognized myocardial scar provided complementary prognosis of cardiac death in patients with suspected coronary artery disease. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	1.6	0
92	A Novel, Innovative Ovine Model of Chronic Ischemic Cardiomyopathy Induced by Multiple Coronary Ligations. Artificial Organs, 2010, 34, 918-922.	1.0	15
93	Loì¨ffler Endocarditis Presenting With Recurrent Polymorphic Ventricular Tachycardia Diagnosed by Cardiac Magnetic Resonance Imaging. Circulation, 2010, 122, 96-99.	1.6	15
94	Myocardial Fibrosis as an Early Manifestation of Hypertrophic Cardiomyopathy. New England Journal of Medicine, 2010, 363, 552-563.	13.9	566
95	Solitary Fatty Infiltration Within the Left Ventricle Detected by Cardiac Magnetic Resonance Imaging in a Patient Presenting With Ventricular Tachycardia. Circulation, 2009, 120, 1008-1010.	1.6	4
96	Classic Images in Cardiac Magnetic Resonance Imaging: A Case-based Atlas Highlighting Current Applications of Cardiac Magnetic Resonance Imaging. Current Problems in Cardiology, 2009, 34, 303-322.	1.1	0
97	Risk Stratification for Therapeutic Management and Prognosis. Heart Failure Clinics, 2009, 5, 437-455.	1.0	3
98	Pravastatin reduces myocardial lesions induced by acute inhibition of nitric oxide biosynthesis in normocholesterolemic rats. International Journal of Cardiology, 2001, 79, 215-221.	0.8	15
99	Characterization of the electrical and extracellular matrix remodeling in patients with HF: comparison between HEpEF and HErEF. , 0, , .		0
100	Compliance with Cardiovascular Prevention Guidelines in Individuals with Type 2 Diabetes in a Middle-Income Region: Cross-Sectional Analysis. SSRN Electronic Journal, 0, , .	0.4	0
101	Diffuse Myocardial Fibrosis and Cardiomyocyte Diameter Are Associated With Heart Failure Symptoms in Chagas Cardiomyopathy. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	4