

# Roberto M Saraiva

## List of Publications by Year in descending order

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99  
papers

2,034  
citations

257450

24  
h-index

265206

42  
g-index

102  
all docs

102  
docs citations

102  
times ranked

2952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Left Atrial Strain Measured by Two-Dimensional Speckle Tracking Represents a New Tool to Evaluate Left Atrial Function. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 172-180.	2.8	293
2	Xanthine Oxidoreductase Inhibition Causes Reverse Remodeling in Rats With Dilated Cardiomyopathy. <i>Circulation Research</i> , 2006, 98, 271-279.	4.5	155
3	Dynamic denitrosylation via <i>S</i> -nitrosoglutathione reductase regulates cardiovascular function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 4314-4319.	7.1	122
4	Deficiency of Neuronal Nitric Oxide Synthase Increases Mortality and Cardiac Remodeling After Myocardial Infarction. <i>Circulation</i> , 2005, 112, 3415-3422.	1.6	110
5	Nitric oxide signaling in the cardiovascular system: implications for heart failure. <i>Current Opinion in Cardiology</i> , 2006, 21, 221-228.	1.8	67
6	Student views of research training programmes in medical schools. <i>Medical Education</i> , 2011, 45, 748-755.	2.1	66
7	Reduced neuronal nitric oxide synthase expression contributes to cardiac oxidative stress and nitroso-redox imbalance in ob/ob mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2007, 16, 331-338.	2.7	49
8	Matrix Metalloproteinases 2 and 9 Are Differentially Expressed in Patients with Indeterminate and Cardiac Clinical Forms of Chagas Disease. <i>Infection and Immunity</i> , 2013, 81, 3600-3608.	2.2	48
9	Development of a risk score to predict sudden death in patients with Chaga's heart disease. <i>International Journal of Cardiology</i> , 2015, 187, 700-704.	1.7	48
10	Multimodality imaging evaluation of Chagas disease: an expert consensus of Brazilian Cardiovascular Imaging Department (DIC) and the European Association of Cardiovascular Imaging (EACVI). <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 459-460n.	1.2	48
11	Left Atrial and Left Ventricular Diastolic Function in Chronic Chagas Disease. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 1424-1433.	2.8	46
12	Activation of the cardiac ciliary neurotrophic factor receptor reverses left ventricular hypertrophy in leptin-deficient and leptin-resistant obesity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4222-4227.	7.1	44
13	Hepatocyte xenotransplantation for treating liver disease. <i>Xenotransplantation</i> , 2010, 17, 181-187.	2.8	40
14	Analysis of Regional Left Ventricular Strain in Patients with Chagas Disease and Normal Left Ventricular Systolic Function. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 679-688.	2.8	40
15	A Clinical Adverse Drug Reaction Prediction Model for Patients with Chagas Disease Treated with Benznidazole. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6371-6377.	3.2	39
16	Tissue Doppler Imaging Identifies Asymptomatic Normotensive Diabetics with Diastolic Dysfunction and Reduced Exercise Tolerance. <i>Echocardiography</i> , 2005, 22, 561-570.	0.9	32
17	Echocardiographic Predictors for Persistent Functional Mitral Regurgitation After Aortic Valve Replacement in Patients With Aortic Valve Stenosis. <i>American Journal of Cardiology</i> , 2010, 106, 701-706.	1.6	32
18	Benznidazole decreases the risk of chronic Chagas disease progression and cardiovascular events: A long-term follow up study. <i>EClinicalMedicine</i> , 2021, 31, 100694.	7.1	32

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19	Left atrial function assessed by real-time 3-dimensional echocardiography is related to right ventricular systolic pressure in chronic mitral regurgitation. <i>American Heart Journal</i> , 2009, 158, 309-316.	2.7	31
20	Benznidazole treatment safety: the MÃ©decins Sans FrontiÃ©res experience in a large cohort of Bolivian patients with Chagas' disease. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2596-2601.	3.0	31
21	Ageing with Chagas disease: an overview of an urban Brazilian cohort in Rio de Janeiro. <i>Parasites and Vectors</i> , 2018, 11, 354.	2.5	31
22	Cardiac rehabilitation program in patients with Chagas heart failure: a single-arm pilot study. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2016, 49, 319-328.	0.9	30
23	Myocardial Performance Index in Female Rats with Myocardial Infarction: Relationship with Ventricular Function Parameters by Doppler Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2005, 18, 454-460.	2.8	28
24	SWIMMING TRAINING ATTENUATES REMODELING, CONTRACTILE DYSFUNCTION AND CONGESTIVE HEART FAILURE IN RATS WITH MODERATE AND LARGE MYOCARDIAL INFARCTIONS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 394-399.	1.9	28
25	Chagas heart disease: An overview of diagnosis, manifestations, treatment, and care. <i>World Journal of Cardiology</i> , 2021, 13, 654-675.	1.5	25
26	Autochthonous transmission of Chagas disease in Rio de Janeiro State, Brazil: a clinical and eco-epidemiological study. <i>BMC Infectious Diseases</i> , 2015, 15, 4.	2.9	24
27	Two-dimensional speckle tracking echocardiography demonstrates no effect of active acromegaly on left ventricular strain. <i>Pituitary</i> , 2017, 20, 349-357.	2.9	23
28	Predictive value of transforming growth factor- $\beta$ 1 in Chagas disease: towards a biomarker surrogate of clinical outcome. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2013, 107, 518-525.	1.8	22
29	Dealing with initial inconclusive serological results for chronic Chagas disease in clinical practice. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 965-974.	2.9	21
30	Changes in Left Atrial Mechanics Following Pericardiectomy for Pericardial Constriction. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 640-648.	2.8	20
31	Selenium Treatment and Chagasic Cardiopathy (STCC): study protocol for a double-blind randomized controlled trial. <i>Trials</i> , 2014, 15, 388.	1.6	19
32	Bacteremia after Endodontic Procedures in Patients with Heart Disease: Culture and Molecular Analyses. <i>Journal of Endodontics</i> , 2016, 42, 1181-1185.	3.1	18
33	Effect of Physical Exercise Training in Patients With Chagas Heart Disease (from the PEACH STUDY). <i>American Journal of Cardiology</i> , 2020, 125, 1413-1420.	1.6	18
34	Relation of Left Atrial Dysfunction to Pulmonary Artery Hypertension in Patients With Aortic Stenosis and Left Ventricular Systolic Dysfunction. <i>American Journal of Cardiology</i> , 2010, 106, 409-416.	1.6	17
35	Quality of life and associated factors in patients with chronic Chagas disease. <i>Tropical Medicine and International Health</i> , 2018, 23, 1213-1222.	2.3	16
36	Progression Rate from the Indeterminate Form to the Cardiac Form in Patients with Chronic Chagas Disease: Twenty-Two-Year Follow-Up in a Brazilian Urban Cohort. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 76.	2.3	16

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37	Impact of pharmaceutical care on the quality of life of patients with Chagas disease and heart failure: randomized clinical trial. <i>Trials</i> , 2012, 13, 244.	1.6	15
38	Correlation of 6-minute walk test with left ventricular function and quality of life in heart failure due to Chagas disease. <i>Tropical Medicine and International Health</i> , 2017, 22, 1314-1321.	2.3	15
39	Impact of pharmaceutical care on the quality of life of patients with heart failure due to chronic Chagas disease: Randomized clinical trial. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 143-154.	2.4	15
40	Immediate Functional Effects of Left Ventricular Reduction: A Doppler Echocardiographic Study in the Rat. <i>Journal of Cardiac Failure</i> , 2006, 12, 163-169.	1.7	13
41	Left Atrial Structure and Function Predictors of New-Onset Atrial Fibrillation in Patients with Chagas Disease. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1363-1374.e1.	2.8	13
42	Association between <i>Trypanosoma cruzi</i> DTU TcII and chronic Chagas disease clinical presentation and outcome in an urban cohort in Brazil. <i>PLoS ONE</i> , 2020, 15, e0243008.	2.5	12
43	Effect of physical exercise training in patients with Chagas heart disease: study protocol for a randomized controlled trial (PEACH study). <i>Trials</i> , 2016, 17, 433.	1.6	11
44	Bacteremia after supragingival scaling and dental extraction: Culture and molecular analyses. <i>Oral Diseases</i> , 2018, 24, 657-663.	3.0	11
45	Effects of Selenium treatment on cardiac function in Chagas heart disease: Results from the STCC randomized Trial. <i>EClinicalMedicine</i> , 2021, 40, 101105.	7.1	11
46	Effects of omega-3 polyunsaturated fatty acid supplementation in patients with chronic chagasic cardiomyopathy: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 379.	1.6	10
47	Correlation of transforming growth factor- $\beta$ 21 and tumour necrosis factor levels with left ventricular function in Chagas disease. <i>Memórias Do Instituto Oswaldo Cruz</i> , 2018, 113, e170440.	1.6	10
48	A protocol update for the Selenium Treatment and Chagasic Cardiomyopathy (STCC) trial. <i>Trials</i> , 2018, 19, 507.	1.6	9
49	A routine electrocardiogram cannot be used to determine the size of myocardial infarction in the rat. <i>Brazilian Journal of Medical and Biological Research</i> , 2005, 38, 615-619.	1.5	9
50	Impaired beta-adrenergic response and decreased L-type calcium current of hypertrophied left ventricular myocytes in postinfarction heart failure. <i>Brazilian Journal of Medical and Biological Research</i> , 2003, 36, 635-648.	1.5	8
51	Food restriction does not impair myocardial mechanics during the healing period of myocardial infarction in the rat. <i>Nutrition Research</i> , 2005, 25, 1075-1084.	2.9	8
52	TGF- $\beta$ 2 Polymorphisms Are a Risk Factor for Chagas Disease. <i>Disease Markers</i> , 2018, 2018, 1-10.	1.3	8
53	Exercise training improves microvascular function in patients with Chagas heart disease: Data from the PEACH study. <i>Microvascular Research</i> , 2021, 134, 104106.	2.5	8
54	Temporal changes in the clinical-epidemiological profile of patients with Chagas disease at a referral center in Brazil. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2021, 54, e00402021.	0.9	8

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55	Indeterminate form of Chagas disease: historical, conceptual, clinical, and prognostic aspects. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2021, 54, e02542021.	0.9	8
56	3-Dimensional Echocardiography and 2-D Strain Analysis of Left Ventricular, Left Atrial and Right Ventricular Function in Healthy Brazilian Volunteers. <i>Arquivos Brasileiros De Cardiologia</i> , 2019, 113, 935-945.	0.8	8
57	The Search for Biomarkers and Treatments in Chagas Disease: Insights From TGF-Beta Studies and Immunogenetics. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 767576.	3.9	8
58	Prevalence of metabolic syndrome and associated factors among patients with chronic Chagas disease. <i>PLoS ONE</i> , 2021, 16, e0249116.	2.5	7
59	Discussing the Score of Cardioembolic Ischemic Stroke in Chagas Disease. <i>Tropical Medicine and Infectious Disease</i> , 2020, 5, 82.	2.3	6
60	Incidence of heart failure in infarcted rats that die spontaneously. <i>Brazilian Journal of Medical and Biological Research</i> , 2006, 39, 1323-1328.	1.5	5
61	Novel epicardial off-pump device for mitral regurgitation: acute evaluation. <i>European Journal of Cardio-thoracic Surgery</i> , 2010, 37, 1291-1296.	1.4	5
62	Isolated pulmonary valve <i>Pseudomonas aeruginosa</i> endocarditis related to catheter embolism. <i>International Journal of Cardiology</i> , 2002, 83, 83-84.	1.7	4
63	FIRST REPORT OF ACUTE CHAGAS DISEASE BY VECTOR TRANSMISSION IN RIO DE JANEIRO STATE, BRAZIL. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2015, 57, 361-364.	1.1	4
64	Mitral Annular Remodeling to Treat Functional Mitral Regurgitation: A Pilot Acute Study in a Canine Model. <i>Heart Surgery Forum</i> , 2010, 13, E247-E250.	0.5	4
65	Case Report: Malignant Ventricular Arrhythmias Mimicking Acute Coronary Syndrome in Chagas Disease. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 797-799.	1.4	4
66	Blood culture positivity rate for <i>Trypanosoma cruzi</i> in patients with chronic Chagas disease differs among different clinical forms. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2021, 115, 720-725.	1.8	4
67	Comparative effects of a cardiovascular rehabilitation program on functional capacity in patients with chronic chagasic cardiomyopathy with or without heart failure. <i>Disability and Rehabilitation</i> , 2023, 45, 51-56.	1.8	4
68	Chagas disease mortality during the coronavirus disease 2019 pandemic: A Brazilian referral center experience. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2022, 55, e0562.	0.9	4
69	Selenium, TGF-Beta and Infectious Endemic Cardiopathy: Lessons from Benchwork to Clinical Application in Chagas Disease. <i>Biomolecules</i> , 2022, 12, 349.	4.0	4
70	Agreement between upper endoscopy and esophagography in the diagnosis of megaesophagus in Chagas disease. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2019, 52, e20180258.	0.9	3
71	Acute and subacute hemodynamic responses and perception of effort in subjects with chronic Chagas cardiomyopathy submitted to different protocols of inspiratory muscle training: a cross-over trial. <i>Disability and Rehabilitation</i> , 2020, , 1-8.	1.8	3
72	Doppler tecidual como Índice prognóstico em longo prazo na disfunção sistólica do ventrículo esquerdo. <i>Arquivos Brasileiros De Cardiologia</i> , 2008, 91, 77-83.	0.8	3

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73	Two-dimensional strain derived parameters provide independent predictors of progression to Chagas cardiomyopathy and mortality in patients with Chagas disease. <i>IJC Heart and Vasculature</i> , 2022, 38, 100955.	1.1	3
74	Outward potassium current oscillations in macrophage polykaryons: extracellular calcium entry and calcium-induced calcium release. <i>Brazilian Journal of Medical and Biological Research</i> , 1997, 30, 1349-1357.	1.5	2
75	Acute Feasibility Study of a Novel Device for the Treatment of Mitral Regurgitation in a Normal Canine Model. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2010, 5, 28-32.	0.9	2
76	Left Atrial Appendage Occlusion Pilot Study of a Fourth-Generation, Minimally Invasive Device. <i>Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery</i> , 2012, 7, 195-200.	0.9	2
77	EFFICACY OF CARPENTIER-EDWARDS PERICARDIAL PROSTHESES: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>International Journal of Technology Assessment in Health Care</i> , 2015, 31, 19-26.	0.5	2
78	Benznidazole treatment safety: the MÃ©decins Sans FrontiÃ©res experience in a large cohort of Bolivian patients with Chagasâ€™ diseaseâ€™ authorsâ€™ response. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1115-1116.	3.0	2
79	New Strategies for Acute Liver Failure: Focus on Xenotransplantation Therapy. <i>Cell Medicine</i> , 2010, 1, 47-54.	5.0	1
80	Correction for Fares et al., Matrix Metalloproteinases 2 and 9 Are Differentially Expressed in Patients with Indeterminate and Cardiac Clinical Forms of Chagas Disease. <i>Infection and Immunity</i> , 2015, 83, 847-848.	2.2	1
81	Factors related to the discontinuation and mortality rates of a cardiac rehabilitation programme in patients with Chagas disease: a 6â€™year experience in a Brazilian tertiary centre. <i>Tropical Medicine and International Health</i> , 2021, 26, 355-365.	2.3	1
82	Adverse drug events and the associated factors in patients with chronic Chagas disease. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2020, 53, e20190443.	0.9	1
83	PreferÃªncias dos Pacientes apÃ³s Estreitamento CoronÃ¡rio Recorrente: Experimentos de Escolha Discreta. <i>Arquivos Brasileiros De Cardiologia</i> , 2020, 115, 613-619.	0.8	1
84	Impact of COVID-19 In-hospital Mortality in Chagas Disease Patients. <i>Frontiers in Medicine</i> , 2022, 9, .	2.6	1
85	Costâ€™effectiveness of an <sc>exerciseâ€™based</sc> cardiovascular rehabilitation program in patients with chronic Chagas cardiomyopathy in Brazil: An analysis from the <sc>PEACH</sc> study. <i>Tropical Medicine and International Health</i> , 2022, 27, 630-638.	2.3	1
86	Early changes in left ventricular diastolic function and left atrial function in chagas disease identified by tissue doppler and speckle tracking. <i>European Heart Journal</i> , 2013, 34, 4542-4542.	2.2	0
87	Epicardial Fat Thickness: a Promising Cardiovascular Risk Factor that Requires in-Depth Studies. <i>International Journal of Cardiovascular Sciences</i> , 2021, 34, 147-148.	0.1	0
88	Precisamos Conhecer os PadrÃµes de Geometria do VentrÃ¡culo Esquerdo da PopulaÃ§Ã£o Brasileira?. <i>Arquivos Brasileiros De Cardiologia</i> , 2019, 114, 66-67.	0.8	0
89	Management of Chronic Chagasic Cardiomyopathy in Endemic and Non-endemic Countries: Challenges and Limitations. , 2020, , 145-162.		0
90	Evaluation of the Autonomic Nervous System in Chronic Chagasic Cardiopathy: A Systematic Review of the Literature. <i>International Journal of Cardiovascular Sciences</i> , 2020, , .	0.1	0

#	ARTICLE	IF	CITATIONS
91	Letters to the Editor: Indeterminate form of Chagas Disease: some immunological insights. Revista Da Sociedade Brasileira De Medicina Tropical, 2022, 55, e07132021.	0.9	0
92	Title is missing!. , 2020, 15, e0243008.		0
93	Title is missing!. , 2020, 15, e0243008.		0
94	Title is missing!. , 2020, 15, e0243008.		0
95	Title is missing!. , 2020, 15, e0243008.		0
96	Title is missing!. , 2020, 15, e0243008.		0
97	Title is missing!. , 2020, 15, e0243008.		0
98	The Saga of Selenium Treatment Investigation in Chagas Disease Cardiopathy: Translational Research in a Neglected Tropical Disease in Brazil. , 0, , .		0
99	Translational Research on Chagas Disease: Focusing on Drug Combination and Repositioning. , 0, , .		0