

Carlos Eduardo Rochitte

List of Publications by Year in descending order

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Version: 2024-02-01

231
papers

10,261
citations

43973

48
h-index

37111

96
g-index

263
all docs

263
docs citations

263
times ranked

9278
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic Performance of Coronary Angiography by 64-Row CT. <i>New England Journal of Medicine</i> , 2008, 359, 2324-2336.	13.9	1,637
2	Noninvasive single-beat determination of left ventricular end-systolic elastance in humans. <i>Journal of the American College of Cardiology</i> , 2001, 38, 2028-2034.	1.2	502
3	Magnitude and Time Course of Microvascular Obstruction and Tissue Injury After Acute Myocardial Infarction. <i>Circulation</i> , 1998, 98, 1006-1014.	1.6	453
4	Prognostic Significance of Myocardial Fibrosis Quantification by Histopathology and Magnetic Resonance Imaging in Patients With Severe Aortic Valve Disease. <i>Journal of the American College of Cardiology</i> , 2010, 56, 278-287.	1.2	452
5	Computed tomography angiography and perfusion to assess coronary artery stenosis causing perfusion defects by single photon emission computed tomography: the CORE320 study. <i>European Heart Journal</i> , 2014, 35, 1120-1130.	1.0	385
6	Quantification and time course of microvascular obstruction by contrast-enhanced echocardiography and magnetic resonance imaging following acute myocardial infarction and reperfusion. <i>Journal of the American College of Cardiology</i> , 1998, 32, 1756-1764.	1.2	300
7	Microvascular Obstruction and Left Ventricular Remodeling Early After Acute Myocardial Infarction. <i>Circulation</i> , 2000, 101, 2734-2741.	1.6	270
8	The Absence of Coronary Calcification Does Not Exclude Obstructive Coronary Artery Disease or the Need for Revascularization in Patients Referred for Conventional Coronary Angiography. <i>Journal of the American College of Cardiology</i> , 2010, 55, 627-634.	1.2	268
9	Myocardial Delayed Enhancement by Magnetic Resonance Imaging in Patients With Chagas's Disease. <i>Journal of the American College of Cardiology</i> , 2005, 46, 1553-1558.	1.2	266
10	Fast Determination of Regional Myocardial Strain Fields From Tagged Cardiac Images Using Harmonic Phase MRI. <i>Circulation</i> , 2000, 101, 981-988.	1.6	239
11	Diagnostic Accuracy of Computed Tomography Coronary Angiography According to Pre-Test Probability of Coronary Artery Disease and Severity of Coronary Arterial Calcification. <i>Journal of the American College of Cardiology</i> , 2012, 59, 379-387.	1.2	222
12	Myocardial Delayed Enhancement by Magnetic Resonance Imaging in Patients With Muscular Dystrophy. <i>Journal of the American College of Cardiology</i> , 2007, 49, 1874-1879.	1.2	191
13	Delayed Enhancement MR Imaging: Utility in Myocardial Assessment. <i>Radiographics</i> , 2006, 26, 795-810.	1.4	149
14	Coronary Artery Stenoses: Accuracy of 64-Row CT Angiography in Segments with Mild, Moderate, or Severe Calcification—A Subanalysis of the CORE-64 Trial. <i>Radiology</i> , 2011, 261, 100-108.	3.6	136
15	Dipyridamole Stress and Rest Myocardial Perfusion by 64-Detector Row Computed Tomography in Patients With Suspected Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2010, 106, 310-315.	0.7	113
16	Diagnostic Performance of Combined Noninvasive Coronary Angiography and Myocardial Perfusion Imaging Using 320-MDCT: The CT Angiography and Perfusion Methods of the CORE320 Multicenter Multinational Diagnostic Study. <i>American Journal of Roentgenology</i> , 2011, 197, 829-837.	1.0	113
17	Clinical Outcomes After Evaluation of Stable Chest Pain by Coronary Computed Tomographic Angiography Versus Usual Care. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e004419.	1.3	113
18	Myocardial CT Perfusion Imaging and SPECT for the Diagnosis of Coronary Artery Disease: A Head-to-Head Comparison from the CORE320 Multicenter Diagnostic Performance Study. <i>Radiology</i> , 2014, 272, 407-416.	3.6	112

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19	Coronary CT angiography using 64 detector rows: methods and design of the multi-centre trial CORE-64. <i>European Radiology</i> , 2009, 19, 816-828.	2.3	110
20	Diagnosis of obstructive coronary artery disease using computed tomography angiography in patients with stable chest pain depending on clinical probability and in clinically important subgroups: meta-analysis of individual patient data. <i>BMJ: British Medical Journal</i> , 2019, 365, l1945.	2.4	99
21	Relation Between Gd-DTPA Contrast Enhancement and Regional Inotropic Response in the Periphery and Center of Myocardial Infarction. <i>Circulation</i> , 2001, 104, 998-1004.	1.6	82
22	Autologous Bone-Marrow Mononuclear Cell Transplantation after Acute Myocardial Infarction: Comparison of Two Delivery Techniques. <i>Cell Transplantation</i> , 2009, 18, 343-352.	1.2	81
23	Persistent diastolic dysfunction despite complete systolic functional recovery after reperfused acute myocardial infarction demonstrated by tagged magnetic resonance imaging. <i>European Heart Journal</i> , 2004, 25, 1419-1427.	1.0	80
24	Late Gadolinium Enhancement Magnetic Resonance Imaging in the Diagnosis and Prognosis of Endomyocardial Fibrosis Patients. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 304-311.	1.3	80
25	Myocardial Fibrosis Progression in Duchenne and Becker Muscular Dystrophy. <i>JAMA Cardiology</i> , 2017, 2, 190.	3.0	79
26	Cardiovascular Magnetic Resonance for Patients With COVID-19. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 685-699.	2.3	79
27	Diagnostic performance of combined noninvasive coronary angiography and myocardial perfusion imaging using 320 row detector computed tomography: design and implementation of the CORE320 multicenter, multinational diagnostic study. <i>Journal of Cardiovascular Computed Tomography</i> , 2011, 5, 370-381.	0.7	77
28	Prognostic Value of Combined CT Angiography and Myocardial Perfusion Imaging versus Invasive Coronary Angiography and Nuclear Stress Perfusion Imaging in the Prediction of Major Adverse Cardiovascular Events: The CORE320 Multicenter Study. <i>Radiology</i> , 2017, 284, 55-65.	3.6	74
29	Lack of Association Between Epicardial Fat Volume and Extent of Coronary Artery Calcification, Severity of Coronary Artery Disease, or Presence of Myocardial Perfusion Abnormalities in a Diverse, Symptomatic Patient Population. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e002676.	1.3	73
30	Evaluation of subclinical atherosclerosis by computed tomography coronary angiography and its association with risk factors in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2010, 213, 486-491.	0.4	68
31	Diagnostic Ultrasound Impulses Improve Microvascular Flow in Patients With STEMI Receiving Intravenous Microbubbles. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2506-2515.	1.2	68
32	Phosphorus Is Associated with Coronary Artery Disease in Patients with Preserved Renal Function. <i>PLoS ONE</i> , 2012, 7, e36883.	1.1	67
33	Galantamine alleviates inflammation and insulin resistance in patients with metabolic syndrome in a randomized trial. <i>JCI Insight</i> , 2017, 2, .	2.3	64
34	Sonothrombolysis in ST-Segment Elevation Myocardial Infarction Treated With Primary Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2832-2842.	1.2	63
35	O Coraã e a COVID-19: O que o Cardiologista Precisa Saber. <i>Arquivos Brasileiros De Cardiologia</i> , 2020, 114, 805-816.	0.3	63
36	Value of Real Time Threeâ¬Dimensional Echocardiography in Patients with Hypertrophic Cardiomyopathy: Comparison with Twoâ¬Dimensional Echocardiography and Magnetic Resonance Imaging. <i>Echocardiography</i> , 2008, 25, 717-726.	0.3	62

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37	Dipyridamole stress and rest transmural myocardial perfusion ratio evaluation by 64 detector-row computed tomography. <i>Journal of Cardiovascular Computed Tomography</i> , 2011, 5, 443-448.	0.7	61
38	The amount of late gadolinium enhancement outperforms current guideline-recommended criteria in the identification of patients with hypertrophic cardiomyopathy at risk of sudden cardiac death. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 50.	1.6	61
39	Long-Term Prognostic Value of Myocardial Fibrosis in Patients With Chagas Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2577-2587.	1.2	60
40	Combined coronary angiography and myocardial perfusion by computed tomography in the identification of flow-limiting stenosis – The CORE320 study: An integrated analysis of CT coronary angiography and myocardial perfusion. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, 438-445.	0.7	59
41	Characterization of high density lipoprotein particles in familial apolipoprotein A-I deficiency. <i>Journal of Lipid Research</i> , 2008, 49, 349-357.	2.0	57
42	Predictors of Inaccurate Coronary Arterial Stenosis Assessment by CT Angiography. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 963-972.	2.3	56
43	Myocardial Viability: Breath-hold 3D MR Imaging of Delayed Hyperenhancement with Variable Sampling in Time. <i>Radiology</i> , 2004, 230, 845-851.	3.6	55
44	Cardiac Magnetic Resonance in Chagas' Disease. <i>Artificial Organs</i> , 2007, 31, 259-267.	1.0	53
45	Microvascular Integrity and the Time Course of Myocardial Sodium Accumulation After Acute Infarction. <i>Circulation Research</i> , 2000, 87, 648-655.	2.0	51
46	ECG scar quantification correlates with cardiac magnetic resonance scar size and prognostic factors in Chagas' disease. <i>Heart</i> , 2011, 97, 357-361.	1.2	51
47	Myocardial fibrosis detected by cardiac CT predicts ventricular fibrillation/ventricular tachycardia events in patients with hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Computed Tomography</i> , 2013, 7, 173-181.	0.7	51
48	Myocardial tissue characterization in Chagas' heart disease by cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, 97.	1.6	51
49	Accuracy of Computed Tomographic Angiography and Single-Photon Emission Computed Tomography – Acquired Myocardial Perfusion Imaging for the Diagnosis of Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2015, 8, e003533.	1.3	49
50	Late coronary artery recanalization effects on left ventricular remodelling and contractility by magnetic resonance imaging. <i>European Heart Journal</i> , 2005, 26, 36-43.	1.0	48
51	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.	0.5	48
52	No correlation and low agreement of imaging and inflammatory atherosclerosis – markers in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2008, 200, 83-88.	0.4	47
53	The role of cardiovascular magnetic resonance in takotsubo syndrome. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2017, 18, 68.	1.6	46
54	Heart fossilization is possible and informs the evolution of cardiac outflow tract in vertebrates. <i>ELife</i> , 2016, 5, e14698.	2.8	46

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55	Contrast-enhanced magnetic resonance imaging identifies focal regions of intramyocardial fibrosis in patients with severe aortic valve disease: Correlation with quantitative histopathology. <i>American Heart Journal</i> , 2009, 157, 361-368.	1.2	45
56	Diretrizes da Sociedade Brasileira de Cardiologia sobre Angina Instável e Infarto Agudo do Miocárdio sem Supradesnível do Segmento ST – 2021. <i>Arquivos Brasileiros De Cardiologia</i> , 2021, 117, 181-264.	0.3	45
57	Diagnostic accuracy of static CT perfusion for the detection of myocardial ischemia. A systematic review and meta-analysis. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 450-457.	0.7	43
58	RV Fractional Area Change and TAPSE as Predictors of Severe Right Ventricular Dysfunction in Pulmonary Hypertension: A CMR Study. <i>Lung</i> , 2018, 196, 157-164.	1.4	42
59	The emerging role of MRI in the diagnosis and management of cardiomyopathies. <i>Current Cardiology Reports</i> , 2006, 8, 44-52.	1.3	40
60	Non-invasive detection of aortic and coronary atherosclerosis in homozygous familial hypercholesterolemia by 64 slice multi-detector row computed tomography angiography. <i>Atherosclerosis</i> , 2008, 197, 910-915.	0.4	40
61	Cardiac Sarcoidosis Evaluated by Delayed-Enhanced Magnetic Resonance Imaging. <i>Circulation</i> , 2003, 107, e188-9.	1.6	39
62	Ischemia and No Obstructive Stenosis (INOCA) at CT Angiography, CT Myocardial Perfusion, Invasive Coronary Angiography, and SPECT: The CORE320 Study. <i>Radiology</i> , 2020, 294, 61-73.	3.6	39
63	Comparison of Non-Invasive Methods for the Detection of Coronary Atherosclerosis. <i>Clinics</i> , 2009, 64, 675-682.	0.6	38
64	Diretriz Brasileira de Cardio-oncologia – 2020. <i>Arquivos Brasileiros De Cardiologia</i> , 2020, 115, 1006-1043.	0.3	37
65	Extraanatomic aortic bypass for repair of aortic arch coarctation via sternotomy: midterm clinical and magnetic resonance imaging results. <i>Annals of Thoracic Surgery</i> , 2003, 76, 1962-1966.	0.7	36
66	The effect of intra-aortic balloon counterpulsation on left ventricular functional recovery early after acute myocardial infarction: a randomized experimental magnetic resonance imaging study. <i>European Heart Journal</i> , 2005, 26, 1235-1241.	1.0	36
67	Posicionamento sobre Diagnóstico e Tratamento da Amiloidose Cardíaca – 2021. <i>Arquivos Brasileiros De Cardiologia</i> , 2021, 117, 561-598.	0.3	35
68	Transmural contractile reserve after reperfused myocardial infarction in dogs. <i>Journal of the American College of Cardiology</i> , 2000, 36, 2339-2346.	1.2	33
69	Atualização das Diretrizes Brasileiras de Valvopatias – 2020. <i>Arquivos Brasileiros De Cardiologia</i> , 2020, 115, 720-775.	0.3	33
70	Stem cell therapy in ST-segment elevation myocardial infarction with reduced ejection fraction: A multicenter, double-blind randomized trial. <i>Clinical Cardiology</i> , 2018, 41, 392-399.	0.7	32
71	Escore de cálcio e angiotomografia coronariana na estratificação do risco cardiovascular. <i>Arquivos Brasileiros De Cardiologia</i> , 2012, 98, 559-568.	0.3	31
72	Incremental diagnostic accuracy of computed tomography myocardial perfusion imaging over coronary angiography stratified by pre-test probability of coronary artery disease and severity of coronary artery calcification: The CORE320 study. <i>International Journal of Cardiology</i> , 2015, 201, 570-577.	0.8	31

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73	Left atrial volume quantification using cardiac MRI in atrial fibrillation: comparison of the Simpson's method with biplane area-length, ellipse, and three-dimensional methods. <i>Diagnostic and Interventional Radiology</i> , 2012, 19, 213-20.	0.7	30
74	The shift from high to low turnover bone disease after parathyroidectomy is associated with the progression of vascular calcification in hemodialysis patients: A 12-month follow-up study. <i>PLoS ONE</i> , 2017, 12, e0174811.	1.1	29
75	Additional value of dipyridamole stress myocardial perfusion by 64-row computed tomography in patients with coronary stents. <i>Journal of Cardiovascular Computed Tomography</i> , 2011, 5, 449-458.	0.7	28
76	Coronary Calcium Characteristics as Predictors of Major Adverse Cardiac Events in Symptomatic Patients: Insights From the CORE320 Multinational Study. <i>Journal of the American Heart Association</i> , 2019, 8, e007201.	1.6	28
77	Contemporary Discrepancies of Stenosis Assessment by Computed Tomography and Invasive Coronary Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e007720.	1.3	28
78	Ventricular Pacing With Premature Excitation for Treatment of Hypertensive-Cardiac Hypertrophy With Cavity-Obliteration. <i>Circulation</i> , 1999, 100, 807-812.	1.6	27
79	Early postnatal rat ventricle resection leads to long-term preserved cardiac function despite tissue hypoperfusion. <i>Physiological Reports</i> , 2014, 2, e12115.	0.7	27
80	Cardiac MRI for Detection of Unrecognized Myocardial Infarction in Patients With End-Stage Renal Disease: Comparison With ECG and Scintigraphy. <i>American Journal of Roentgenology</i> , 2009, 193, W25-W32.	1.0	25
81	Myocardial Fibrosis in Classical Low-Flow, Low-Gradient Aortic Stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008353.	1.3	25
82	Cell Therapy Plus Transmyocardial Laser Revascularization for Refractory Angina. <i>Annals of Thoracic Surgery</i> , 2005, 80, 712-714.	0.7	24
83	CT angiography in highly calcified arteries: 2D manual vs. modified automated 3D approach to identify coronary stenoses. <i>International Journal of Cardiovascular Imaging</i> , 2006, 22, 507-516.	0.7	24
84	Total coronary atherosclerotic plaque burden assessment by CT angiography for detecting obstructive coronary artery disease associated with myocardial perfusion abnormalities. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 121-127.	0.7	24
85	Cardiac Magnetic Resonance-Verified Myocardial Fibrosis in Chagas Disease: Clinical Correlates and Risk Stratification. <i>Arquivos Brasileiros De Cardiologia</i> , 2016, 107, 460-466.	0.3	24
86	Guidelines of the Brazilian Society of Cardiology on Telemedicine in Cardiology - 2019. <i>Arquivos Brasileiros De Cardiologia</i> , 2019, 113, 1006-1056.	0.3	24
87	Chagas' heart disease: gender differences in myocardial damage assessed by cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, 88.	1.6	22
88	Injeção intracoronariana de células tronco após infarto do miocárdio: subestudo da microcirculação. <i>Arquivos Brasileiros De Cardiologia</i> , 2011, 97, 420-426.	0.3	21
89	Microvascular Obstruction. <i>Journal of the American College of Cardiology</i> , 2008, 51, 2239-2240.	1.2	20
90	Is Coronary Artery Calcification Associated with Vertebral Bone Density in Nondialyzed Chronic Kidney Disease Patients?. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2011, 6, 1456-1462.	2.2	20

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91	Transmyocardial laser revascularization plus cell therapy for refractory angina. International Journal of Cardiology, 2008, 127, 295-297.	0.8	19
92	T1 Mapping. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 25-34.	0.6	19
93	Effects of CPAP on Metabolic Syndrome in Patients With OSA. Chest, 2022, 161, 1370-1381.	0.4	19
94	Computed Tomographic Perfusion Improves Diagnostic Power of Coronary Computed Tomographic Angiography in Women. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	18
95	Use of imaging and clinical data to screen for cardiovascular disease in asymptomatic diabetics. Cardiovascular Diabetology, 2016, 15, 28.	2.7	18
96	CT Coronary Calcification: What Does a Score of "Mean"?. Current Cardiology Reports, 2011, 13, 49-56.	1.3	17
97	Patterns of coronary arterial lesion calcification by a novel, cross-sectional CT angiographic assessment. International Journal of Cardiovascular Imaging, 2013, 29, 1619-1627.	0.7	17
98	Association between postprandial triglycerides and coronary artery disease detected by coronary computed tomography angiography. Atherosclerosis, 2014, 233, 381-386.	0.4	17
99	Quantification of aortic stenosis diagnostic parameters: comparison of fast 3 direction and 1 direction phase contrast CMR and transthoracic echocardiography. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 35.	1.6	17
100	MRI to assess arrhythmia and cardiomyopathies. Journal of Magnetic Resonance Imaging, 2006, 24, 1197-1206.	1.9	16
101	Incremental Value of Perfusion over Wall-Motion Abnormalities with the Use of Dobutamine-Atropine Stress Myocardial Contrast Echocardiography and Magnetic Resonance Imaging for Detecting Coronary Artery Disease. Echocardiography, 2013, 30, 45-54.	0.3	16
102	Quantificação da massa infartada do ventrículo esquerdo pela ressonância magnética cardíaca: comparação entre a planimetria e o método de escore visual semi-quantitativo. Arquivos Brasileiros De Cardiologia, 2004, 83, 111-117.	0.3	16
103	Muscle sympathetic nerve activity in patients with Chagas' disease. International Journal of Cardiology, 2009, 137, 252-259.	0.8	15
104	Early Increase in Myocardial Perfusion After Stem Cell Therapy in Patients Undergoing Incomplete Coronary Artery Bypass Surgery. Journal of Cardiovascular Translational Research, 2011, 4, 106-113.	1.1	15
105	Diminished cholesterol efflux mediated by HDL and coronary artery disease in young male anabolic androgenic steroid users. Atherosclerosis, 2019, 283, 100-105.	0.4	15
106	Accuracy of multidetector computed tomography for detection of coronary artery stenosis in acute coronary syndrome compared with stable coronary disease: A CORE64 multicenter trial substudy. International Journal of Cardiology, 2014, 177, 385-391.	0.8	14
107	Diretriz de Miocardites da Sociedade Brasileira de Cardiologia " 2022. Arquivos Brasileiros De Cardiologia, 2022, 119, 143-211.	0.3	14
108	Regression of coronary artery outward remodeling in patients with non-ST-segment acute coronary syndromes: A longitudinal study using noninvasive magnetic resonance imaging. American Heart Journal, 2006, 152, 1123-1132.	1.2	13

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109	Determination of Size and Transmural Extent of Acute Myocardial Infarction by Real-time Myocardial Perfusion Echocardiography: A Comparison with Magnetic Resonance Imaging. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 126-135.	1.2	13
110	Optimized three-dimensional sodium imaging of the human heart on a clinical 3T scanner. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 623-632.	1.9	13
111	MRI to Assess Arrhythmia and Cardiomyopathies: Relationship to Echocardiography. <i>Echocardiography</i> , 2007, 24, 194-206.	0.3	12
112	Intramyocardial Injection of Autologous Bone Marrow Cells as an Adjunctive Therapy to Incomplete Myocardial Revascularization - Safety Issues. <i>Clinics</i> , 2008, 63, 207-214.	0.6	12
113	Diagnostic performance of combined cardiac MRI for detection of coronary artery disease. <i>European Journal of Radiology</i> , 2012, 81, 1782-1789.	1.2	12
114	Sonothrombolysis Improves Myocardial Dynamics and Microvascular Obstruction Preventing Left Ventricular Remodeling in Patients With ST Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009536.	1.3	12
115	Diagnostic Challenges of Chagas Cardiomyopathy and CMR Imaging. <i>Global Heart</i> , 2020, 10, 181.	0.9	11
116	New Editor-in-Chief, New Challenges. <i>Arquivos Brasileiros De Cardiologia</i> , 2018, 110, 1-3.	0.3	11
117	Myocardial Delayed Enhancement by Computed Tomography in Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2007, 115, e430-1.	1.6	10
118	Usefulness of Cardiovascular Magnetic Resonance Indices to Rule In or Rule Out Precapillary Pulmonary Hypertension. <i>Canadian Journal of Cardiology</i> , 2015, 31, 1469-1476.	0.8	10
119	Patient Preferences for Coronary CT Angiography with Stress Perfusion, SPECT, or Invasive Coronary Angiography. <i>Radiology</i> , 2019, 291, 340-348.	3.6	10
120	Ressonância magnética cardiovascular na cardiomiopatia hipertrófica. <i>Arquivos Brasileiros De Cardiologia</i> , 2007, 88, 243-248.	0.3	10
121	Morphological and Functional Measurements of the Heart Obtained by Magnetic Resonance Imaging in Brazilians. <i>Arquivos Brasileiros De Cardiologia</i> , 2013, 101, 68-77.	0.3	10
122	Perfusion Impairment in Patients with Normal-appearing Coronary Arteries: Identification with Contrast-enhanced MR Imaging. <i>Radiology</i> , 2006, 238, 464-472.	3.6	9
123	Left Ventricular Free-Wall Rupture After Acute Myocardial Infarction Imaged by Cardiovascular Magnetic Resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2007, 9, 719-721.	1.6	9
124	Rest left ventricular function and contractile reserve by dobutamine stress echocardiography in peripartum cardiomyopathy. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2012, 31, 287-293.	0.2	9
125	Screening for asymptomatic coronary artery disease in patients with type 2 diabetes mellitus. <i>Archives of Endocrinology and Metabolism</i> , 2016, 60, 143-151.	0.3	9
126	Epicardial fat is associated with severity of subclinical coronary atherosclerosis in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2016, 254, 73-77.	0.4	9

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127	Validation of coronary computed tomography angiography scores for non-invasive assessment of atherosclerotic burden through a comparison with multivessel intravascular ultrasound. <i>Atherosclerosis</i> , 2016, 247, 21-27.	0.4	9
128	Cooling as an Adjunctive Therapy to Percutaneous Intervention in Acute Myocardial Infarction: COOL-MI InCor Trial. <i>Therapeutic Hypothermia and Temperature Management</i> , 2021, 11, 135-144.	0.3	9
129	Prognostic value of noninvasive combined anatomic/functional assessment by cardiac CT in patients with suspected coronary artery disease – Comparison with invasive coronary angiography and nuclear myocardial perfusion imaging for the five-year-follow up of the CORE320 multicenter study. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 485-491.	0.7	9
130	Magnetic resonance imaging in acute myocardial infarction. <i>Current Opinion in Cardiology</i> , 1999, 14, 480.	0.8	9
131	Delayed enhancement by multidetector computed tomography in endomyocardial fibrosis. <i>European Heart Journal</i> , 2008, 29, 347-347.	1.0	8
132	Vertebral bone density by quantitative computed tomography mirrors bone structure histomorphometric parameters in hemodialysis patients. <i>Journal of Bone and Mineral Metabolism</i> , 2013, 31, 551-555.	1.3	8
133	Imagem Cardiovascular e Procedimentos Intervencionistas em Pacientes com Infecção pelo Novo Coronavírus. <i>Arquivos Brasileiros De Cardiologia</i> , 2020, 115, 111-126.	0.3	8
134	The association between coronary artery calcification progression and loss of bone density in non-dialyzed CKD patients. <i>Clinical Nephrology</i> , 2012, 78, 425-431.	0.4	8
135	Pericardial Fat Is Associated with Coronary Artery Calcification in Non-Dialysis Dependent Chronic Kidney Disease Patients. <i>PLoS ONE</i> , 2014, 9, e114358.	1.1	7
136	O ano de 2018 em Cardiologia: uma visão geral da ABC Cardiol e RPC. <i>Revista Portuguesa De Cardiologia</i> , 2019, 38, 73-81.	0.2	7
137	Origem Anômala da Coronária (ALCAPA) em tomógrafo de 64 canais. <i>Arquivos Brasileiros De Cardiologia</i> , 2010, 94, 143-146.	0.3	7
138	Single-Breathhold Four-Dimensional Assessment of Left Ventricular Morphological and Functional Parameters by Magnetic Resonance Imaging Using the VAST Technique. <i>Open Cardiovascular Medicine Journal</i> , 2011, 5, 90-98.	0.6	7
139	Cardiac magnetic resonance imaging in clinical practice. <i>Radiologia Brasileira</i> , 2014, 47, 1-8.	0.3	6
140	Importance of Clinical and Laboratory Findings in the Diagnosis and Surgical Prognosis of Patients with Constrictive Pericarditis. <i>Arquivos Brasileiros De Cardiologia</i> , 2017, 109, 457-465.	0.3	6
141	The New Impact Factor of the Arquivos Brasileiros de Cardiologia (ABC Cardiol), 1.318: An Achievement of the SBC for Our Scientific Community. <i>Arquivos Brasileiros De Cardiologia</i> , 2018, 111, 1-3.	0.3	6
142	Usefulness of ST-segment depression in non-infarct-related electrocardiographic leads in predicting prognosis after thrombolytic therapy for acute myocardial infarction. <i>American Journal of Cardiology</i> , 1997, 79, 1323-1328.	0.7	5
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