List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7998914/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Multimodality imaging in patients with heart failure and preserved ejection fraction: an expert consensus document of the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2022, 23, e34-e61.	1.2	140
2	The dysfunctional right ventricle: the importance of multi-modality imaging. European Heart Journal Cardiovascular Imaging, 2022, 23, 885-897.	1.2	33
3	How to evaluate cardiomyopathies by cardiovascular magnetic resonance parametric mapping and late gadolinium enhancement. European Heart Journal Cardiovascular Imaging, 2022, 23, 587-589.	1.2	9
4	Heart failure with preserved ejection fraction in Belgium: characteristics and outcome of a real-life cohort. Acta Cardiologica, 2021, 76, 697-706.	0.9	6
5	Test–retest reliability of left and right ventricular systolic function by new and conventional echocardiographic and cardiac magnetic resonance parameters. European Heart Journal Cardiovascular Imaging, 2021, 22, 1157-1167.	1.2	23
6	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.	12.3	57
7	Structural and Functional Correlates of Gradient-Area Patterns in Severe Aortic Stenosis and Normal Ejection Fraction. JACC: Cardiovascular Imaging, 2021, 14, 525-536.	5.3	6
8	Ventricular lead malposition after TAVR causing ischaemic stroke. Acta Cardiologica, 2021, 76, 564-566.	0.9	0
9	Prognostic Value of Pulmonary Transit Time by Cardiac Magnetic Resonance on Mortality and Heart Failure Hospitalization in Patients With Advanced Heart Failure and Reduced Ejection Fraction. Circulation: Cardiovascular Imaging, 2021, 14, e011680.	2.6	18
10	Diabetic phenotype and prognosis of patients with heart failure and preserved ejection fraction in a real life cohort. Cardiovascular Diabetology, 2021, 20, 48.	6.8	24
11	EACVI recommendations on cardiovascular imaging for the detection of embolic sources: endorsed by the Canadian Society of Echocardiography. European Heart Journal Cardiovascular Imaging, 2021, 22, e24-e57.	1.2	38
12	Diagnostic and Prognostic Accuracy of Aortic Valve Calcium Scoring in Patients With Moderate-to-Severe Aortic Stenosis. Frontiers in Cardiovascular Medicine, 2021, 8, 673519.	2.4	1
13	Multivendor comparison of global and regional 2D cardiovascular magnetic resonance feature tracking strains vs tissue tagging at 3T. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 54.	3.3	8
14	Multimodality imaging of myocardial viability: an expert consensus document from the European Association of Cardiovascular Imaging (EACVI). European Heart Journal Cardiovascular Imaging, 2021, 22, e97-e125.	1.2	32
15	Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. Journal of the American College of Cardiology, 2021, 78, 545-558.	2.8	41
16	The year 2020 in the European Heart Journal—Cardiovascular Imaging: part II. European Heart Journal Cardiovascular Imaging, 2021, , .	1.2	1
17	Relative Contribution of Afterload and Interstitial Fibrosis to Myocardial Function in Severe Aortic Stenosis. JACC: Cardiovascular Imaging, 2020, 13, 589-600.	5.3	23
18	Pulmonary hypertension detection by computed tomography pulmonary transit time in heart failure with reduced ejection fraction. European Heart Journal Cardiovascular Imaging, 2020, 21, 1291-1298.	1.2	16

#	Article	IF	CITATIONS
19	Usefulness of Cardiac Magnetic Resonance Imaging in Aortic Stenosis. Circulation: Cardiovascular Imaging, 2020, 13, e010356.	2.6	41
20	Right Ventricular Global Longitudinal Strain and Outcomes in Heart Failure with Preserved Ejection Fraction. Journal of the American Society of Echocardiography, 2020, 33, 973-984.e2.	2.8	43
21	Fibroblast growth factor 23: a biomarker of fibrosis and prognosis in heart failure with preserved ejection fraction. ESC Heart Failure, 2020, 7, 2494-2507.	3.1	43
22	Pulmonary hypertension due to left heart disease: diagnostic value of pulmonary artery distensibility. European Radiology, 2020, 30, 6204-6212.	4.5	8
23	Validation of Semiautomated Quantification of Mitral Valve Regurgitation by Three-Dimensional Color Doppler Transesophageal Echocardiography. Journal of the American Society of Echocardiography, 2020, 33, 342-354.	2.8	14
24	COVID-19 pandemic and cardiac imaging: EACVI recommendations on precautions, indications, prioritization, and protection for patients and healthcare personnel. European Heart Journal Cardiovascular Imaging, 2020, 21, 592-598.	1.2	237
25	Regional Multi-View Learning for Cardiac Motion Analysis: Application to Identification of Dilated Cardiomyopathy Patients. IEEE Transactions on Biomedical Engineering, 2019, 66, 956-966.	4.2	27
26	Do Guideline-Based Indications Result in an Outcome Penalty for Patients With Severe Aortic Regurgitation?. JACC: Cardiovascular Imaging, 2019, 12, 2126-2138.	5.3	65
27	Multimodality imaging in the diagnosis, risk stratification, and management of patients with dilated cardiomyopathies: an expert consensus document from the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2019, 20, 1075-1093.	1.2	65
28	Platelet Acetyl-CoA Carboxylase Phosphorylation. JACC Basic To Translational Science, 2019, 4, 596-610.	4.1	6
29	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. BMJ: British Medical Journal, 2019, 365, l1945.	2.3	99
30	Myocardial strain imaging: review of general principles, validation, and sources of discrepancies. European Heart Journal Cardiovascular Imaging, 2019, 20, 605-619.	1.2	308
31	Meta-Analysis of the Prognostic Role of Late Gadolinium Enhancement and Global Systolic Impairment in LeftÂVentricular Noncompaction. JACC: Cardiovascular Imaging, 2019, 12, 2141-2151.	5.3	84
32	Additional Prognostic Value of 2D Right Ventricular Speckle-Tracking Strain for Prediction of Survival in Heart Failure and Reduced Ejection Fraction. JACC: Cardiovascular Imaging, 2019, 12, 2373-2385.	5.3	74
33	The year 2018 in the European Heart Journal—Cardiovascular Imaging: Part II. European Heart Journal Cardiovascular Imaging, 2019, 20, 1337-1344.	1.2	2
34	Assessment of Left Ventricular Reverse Remodeling by Cardiac MRI in Patients Undergoing Repair Surgery for Severe Aortic or Mitral Regurgitation. Journal of Cardiothoracic and Vascular Anesthesia, 2019, 33, 1901-1911.	1.3	18
35	Rare Cardiac Mass Assessed by Cardiac Magnetic Resonance. Medicina Interna (Bucharest, Romania:) Tj ETQq1 1	0.784314	rgBT /Overic
36	European Association of Preventive Cardiology (EAPC) and European Association of Cardiovascular Imaging (EACVI) joint position statement: recommendations for the indication and interpretation of cardiovascular imaging in the evaluation of the athlete's heart. European Heart Journal, 2018, 39, 1949-1969.	2.2	224

#	Article	IF	CITATIONS
37	Standardization of left atrial, right ventricular, and right atrial deformation imaging using two-dimensional speckle tracking echocardiography: a consensus document of the EACVI/ASE/Industry Task Force to standardize deformation imaging. European Heart Journal Cardiovascular Imaging, 2018, 19, 591-600.	1.2	891
38	Multiview Machine Learning Using anÂAtlas of Cardiac Cycle Motion. Lecture Notes in Computer Science, 2018, , 3-11.	1.3	3
39	Applicability and accuracy of pretest probability calculations implemented in the NICE clinical guideline for decision making about imaging in patients with chest pain of recent onset. European Radiology, 2018, 28, 4006-4017.	4.5	2
40	Strategies for radiation dose reduction in nuclear cardiology and cardiac computed tomography imaging: a report from the European Association of Cardiovascular Imaging (EACVI), the Cardiovascular Committee of European Association of Nuclear Medicine (EANM), and the European Society of Cardiovascular Radiology (ESCR). European Heart Journal, 2018, 39, 286-296.	2.2	44
41	Focus on echovascular imaging assessment of arterial disease: complement to the ESC guidelines (PARTIM 1) in collaboration with the Working Group on Aorta and Peripheral Vascular Diseases. European Heart Journal Cardiovascular Imaging, 2018, 19, 1195-1221.	1.2	40
42	Pulmonary hypertension due to left heart disease: diagnostic and prognostic value of CT in chronic systolic heart failure. European Radiology, 2018, 28, 4643-4653.	4.5	16
43	Cardiac myxoma: a contemporary multimodality imaging review. International Journal of Cardiovascular Imaging, 2018, 34, 1789-1808.	1.5	45
44	Rationale and design of a multicentre, randomized, placeboâ€controlled trial of mirabegron, a Beta3â€adrenergic receptor agonist on left ventricular mass and diastolic function in patients with structural heart disease Beta3â€left ventricular hypertrophy (Beta3â€LVH). ESC Heart Failure, 2018, 5, 830-841.	3.1	29
45	Improvements of Myocardial Deformation Assessment by Three-Dimensional Speckle-Tracking versus Two-Dimensional Speckle-Tracking Revealed by Cardiac Magnetic Resonance Tagging. Journal of the American Society of Echocardiography, 2018, 31, 1021-1033.e1.	2.8	12
46	Imaging the adult with congenital heart disease: a multimodality imaging approach—position paper from the EACVI. European Heart Journal Cardiovascular Imaging, 2018, 19, 1077-1098.	1.2	71
47	The year 2017 in the European Heart Journal—Cardiovascular Imaging: Part II. European Heart Journal Cardiovascular Imaging, 2018, 19, 1222-1229.	1.2	2
48	Associations and prognostic significance of diffuse myocardial fibrosis by cardiovascular magnetic resonance in heart failure with preserved ejection fraction. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 55.	3.3	79
49	Criteria for recommendation, expert consensus, and appropriateness criteria papers: update from the European Association of Cardiovascular Imaging Scientific Documents Committee. European Heart Journal Cardiovascular Imaging, 2018, 19, 835-837.	1.2	9
50	Diffuse pseudo-tumoral pericardial tuberculosis. European Heart Journal Cardiovascular Imaging, 2017, 18, jew306.	1.2	0
51	Head-to-Head Comparison of Inflammation and Neovascularization in Human Carotid Plaques. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	19
52	IS MYOCARDIAL FIBROSIS A HALLMARK OF PARADOXICAL LOW GRADIENT AORTIC STENOSIS?. Journal of the American College of Cardiology, 2017, 69, 1444.	2.8	0
53	The year 2015–16 in the European Heart Journal—Cardiovascular Imaging. Part II. European Heart Journal Cardiovascular Imaging, 2017, 18, 1322-1330	1.2	2
54	Response by Demeure et al to Letter Regarding Article, "Head-to-Head Comparison of Inflammation and Neovascularization in Human Carotid Plaques: Implications for the Imaging of Vulnerable Plaques― Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	2

#	Article	IF	CITATIONS
55	Clinical practice of contrast echocardiography: recommendation by the European Association of Cardiovascular Imaging (EACVI) 2017. European Heart Journal Cardiovascular Imaging, 2017, 18, 1205-1205af.	1.2	177
56	Test-retest reproducibility of cardiac magnetic resonance imaging in healthy mice at 7-Tesla: effect of anesthetic procedures. Scientific Reports, 2017, 7, 6698.	3.3	5
57	Assessment of aortic valve calcium load by multidetector computed tomography. Anatomical validation, impact of scanner settings and incremental diagnostic value. Journal of Cardiovascular Computed Tomography, 2017, 11, 360-366.	1.3	18
58	Head-to-Head Comparison of Global and Regional Two-Dimensional Speckle Tracking Strain Versus Cardiac Magnetic Resonance Tagging in a Multicenter Validation Study. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	47
59	A multimodal spatiotemporal cardiac motion atlas from MR and ultrasound data. Medical Image Analysis, 2017, 40, 96-110.	11.6	27
60	A joint procedural position statement on imaging in cardiac sarcoidosis: from the Cardiovascular and Inflammation & Infection Committees of the European Association of Nuclear Medicine, the European Association of Cardiovascular Imaging, and the American Society of Nuclear Cardiology. European Heart Journal Cardiovascular Imaging, 2017, 18, 1073-1089.	1.2	74
61	Standardization of adult transthoracic echocardiography reporting in agreement with recent chamber quantification, diastolic function, and heart valve disease recommendations: an expert consensus document of the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging. 2017. 18. 1301-1310.	1.2	477
62	Age and sex corrected normal reference values of T1, T2ÂT2* and ECV in healthy subjects at 3T CMR. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 72.	3.3	95
63	Dnmt3a-mediated inhibition of Wnt in cardiac progenitor cells improves differentiation and remote remodeling after infarction. JCI Insight, 2017, 2, .	5.0	12
64	High field magnetic resonance imaging of rodents in cardiovascular research. Basic Research in Cardiology, 2016, 111, 46.	5.9	13
65	αVβ3 integrin-targeted microSPECT/CT imaging of inflamed atherosclerotic plaques in mice. EJNMMI Research, 2016, 6, 29.	2.5	17
66	Right Ventricular Systolic Dysfunction Assessed by Cardiac Magnetic Resonance Is a Strong Predictor of Cardiovascular Death After Coronary Bypass Grafting. Annals of Thoracic Surgery, 2016, 101, 2176-2184.	1.3	22
67	Cardiac myxoma imaging features and tissue characteristics at cardiovascular magnetic resonance. International Journal of Cardiology, 2016, 202, 950-951.	1.7	17
68	Impact of left ventricular outflow tract ellipticity on the grading of aortic stenosis in patients with normal ejection fraction. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 37.	3.3	39
69	Histological Validation of measurement of diffuse interstitial myocardial fibrosis by myocardial extravascular volume fraction from Modified Look-Locker imaging (MOLLI) T1 mapping at 3ÂT. Journal of Cardiovascular Magnetic Resonance, 2015, 17, 48.	3.3	165
70	Value of CMR to Differentiate Cardiac Angiosarcoma From Cardiac Lymphoma. JACC: Cardiovascular Imaging, 2015, 8, 744-746.	5.3	21
71	Evaluation of myocardial fibrosis with cardiac magnetic resonance contrast-enhanced t1 mapping in adults patients with aortic stenosis. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P359.	3.3	1
72	Complete Heart Block Caused by Diffuse Pseudotumoral Cardiac Involvement in Granulomatosis With Polyangiitis. Circulation, 2015, 132, e207-10.	1.6	12

#	Article	IF	CITATIONS
73	0411 : Aortic valve is less severely affected in paradoxical low gradient than in high gradient severe aortic stenosis. Archives of Cardiovascular Diseases Supplements, 2015, 7, 200.	0.0	Ο
74	The year 2014 in the European Heart Journal—Cardiovascular Imaging: part II: Figure 1. European Heart Journal Cardiovascular Imaging, 2015, 16, 1180-1184.	1.2	2
75	Prognostic Impact of Hypertrabeculation and Noncompaction Phenotype in DilatedÂCardiomyopathy. JACC: Cardiovascular Imaging, 2015, 8, 934-946.	5.3	89
76	Prevalence and Prognostic Impact of Valve Area—Gradient Patterns in Patients ≥80ÂYears With Moderate-to-Severe Aortic Stenosis (from the Prospective BELFRAIL Study). American Journal of Cardiology, 2015, 116, 925-932.	1.6	16
77	Early surgical intervention versus watchful waiting and outcomes for asymptomatic severe aortic regurgitation. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 1100-1108.	0.8	14
78	Multisystemic sarcoidosis with cardiac involvement. Journal of the Belgian Society of Radiology, 2015, 97, 160.	0.2	0
79	Non-invasive cardiac imaging evaluation of patients with chronic systolic heart failure: a report from the European Association of Cardiovascular Imaging (EACVI). European Heart Journal, 2014, 35, 3417-3425.	2.2	30
80	A Randomized Trial on the Optimization of ¹⁸ F-FDG Myocardial Uptake Suppression: Implications for Vulnerable Coronary Plaque Imaging. Journal of Nuclear Medicine, 2014, 55, 1629-1635.	5.0	45
81	Natural History of Paradoxical Low-Gradient Severe Aortic Stenosis. Circulation: Cardiovascular Imaging, 2014, 7, 714-722.	2.6	75
82	Impact of Preoperative Symptoms on Postoperative Survival in Severe Aortic Stenosis: Implications for the Timing of Surgery. Annals of Thoracic Surgery, 2014, 97, 803-809.	1.3	39
83	Valve repair improves the outcome of surgery for chronic severe aortic regurgitation: A propensity score analysis. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 1913-1920.	0.8	86
84	Prognostic Significance of LGE by CMR in Aortic Stenosis Patients Undergoing Valve Replacement. Journal of the American College of Cardiology, 2014, 64, 144-154.	2.8	243
85	Is 18F-Flutemetamol PET/CT Able to Reveal Cardiac Amyloidosis?. Clinical Nuclear Medicine, 2014, 39, 747-749.	1.3	19
86	Individual patient data meta-analysis for the clinical assessment of coronary computed tomography angiography: protocol of the Collaborative Meta-Analysis of Cardiac CT (CoMe-CCT). Systematic Reviews, 2013, 2, 13.	5.3	17
87	InÂVivo Evaluation of Atherosclerotic Plaque Inflammation and of Anti-Inflammatory Effects of Statins by 18F-Fluorodeoxyglucose Positron Emission Tomography. Journal of the American College of Cardiology, 2013, 62, 918-920.	2.8	6
88	Post-infarct myocardial scar imaging in patients with ICD. European Heart Journal Cardiovascular Imaging, 2013, 14, 89-89.	1.2	0
89	Stentless xenografts as an alternative to pulmonary homografts in the Ross operationâ€. European Journal of Cardio-thoracic Surgery, 2013, 44, e32-e39.	1.4	18
90	Aortic Valve Area, Stroke Volume, Left Ventricular Hypertrophy, Remodeling, and Fibrosis in Aortic Stenosis Assessed by Cardiac Magnetic Resonance Imaging. Circulation: Cardiovascular Imaging, 2013, 6, 1009-1017.	2.6	52

#	Article	IF	CITATIONS
91	Connection Between Cardiac Vascular Permeability, Myocardial Edema, and Inflammation During Sepsis. Critical Care Medicine, 2013, 41, e411-e422.	0.9	48
92	The role of echocardiography in aortic valve repair. Annals of Cardiothoracic Surgery, 2013, 2, 65-72.	1.7	17
93	Echinococcosis of the Heart and Ascending Aorta. Circulation, 2012, 125, 185-187.	1.6	8
94	Prognostic Value of Myocardial Viability by Delayed-Enhanced Magnetic Resonance in Patients With Coronary Artery Disease and Low Ejection Fraction. Journal of the American College of Cardiology, 2012, 59, 825-835.	2.8	157
95	Quantification of Myocardial Perfusion and Myocardial Perfusion Reserve by Positron Emission Tomography and Cardiovascular Magnetic Resonance Imaging. Journal of the American College of Cardiology, 2012, 60, 1556-1557.	2.8	11
96	Evaluation of aortic bioprosthesis stenosis by multidetector CT. Journal of Cardiovascular Computed Tomography, 2012, 6, 62-65.	1.3	1
97	Imaging the Vulnerable Plaque. Journal of the American College of Cardiology, 2011, 57, 1961-1979.	2.8	158
98	Incidence, Determinants, and Prognostic Impact of Operative Refusal or Denial in Octogenarians With Severe Aortic Stenosis. Annals of Thoracic Surgery, 2011, 91, 1107-1112.	1.3	46
99	Iron overload in polytransfused patients without heart failure is associated with subclinical alterations of systolic left ventricular function using cardiovascular magnetic resonance tagging. Journal of Cardiovascular Magnetic Resonance, 2011, 13, 23.	3.3	28
100	MR Coronary Angiography, Back to the Future?. Cardiology, 2011, 118, 121-123.	1.4	1
101	Comprehensive assessment of the severity and mechanism of aortic regurgitation using multidetector CT and MR. European Radiology, 2010, 20, 326-336.	4.5	27
102	Detection and Quantification of Myocardial Scars by Contrast-Enhanced 3D Echocardiography. Circulation: Cardiovascular Imaging, 2010, 3, 415-423.	2.6	30
103	Evaluation of Anatomic Valve Opening and Leaflet Morphology in Aortic Valve Bioprosthesis by Using Multidetector CT: Comparison with Transthoracic Echocardiography. Radiology, 2010, 255, 377-385.	7.3	63
104	Relationship Between Transmural Extent of Necrosis and Quantitative Recovery of Regional Strains After Revascularization. JACC: Cardiovascular Imaging, 2010, 3, 720-730.	5.3	22
105	Assessment of subendocardial vs. subepicardial left ventricular rotation and twist using two-dimensional speckle tracking echocardiography: comparison with tagged cardiac magnetic resonance. European Heart Journal, 2009, 30, 608-617.	2.2	105
106	Long-term clinical outcome of mitral valve repair in asymptomatic severe mitral regurgitationâ~†â~†â~†. European Journal of Cardio-thoracic Surgery, 2009, 36, 539-545.	1.4	28
107	Myocardial Injury Induced by Ultrasound-Targeted Microbubble Destruction: Evidence for the Contribution of Myocardial Ischemia. Ultrasound in Medicine and Biology, 2009, 35, 672-679.	1.5	21
108	Mechanisms of Recurrent Aortic Regurgitation After Aortic Valve Repair. JACC: Cardiovascular Imaging, 2009, 2, 931-939.	5.3	154

#	Article	IF	CITATIONS
109	Principles of Myocardial Viability Implications for Echocardiography. , 2009, , 351-365.		1
110	Myocardial first-pass perfusion cardiovascular magnetic resonance: history, theory, and current state of the art. Journal of Cardiovascular Magnetic Resonance, 2008, 10, 18.	3.3	185
111	Flow-function relationships in chronic left-ventricular ischemic dysfunction: Impact of the transmurality of infarction. Journal of Nuclear Cardiology, 2008, 15, 363-374.	2.1	3
112	Accuracy of the Flow Convergence Method for Quantification of Aortic Regurgitation in Patients With Central Versus Eccentric Jets. American Journal of Cardiology, 2008, 102, 475-480.	1.6	32
113	Is Postsystolic Shortening a Marker of Viability in Chronic Left Ventricular Ischemic Dysfunction? Comparison with Late Enhancement Contrast Magnetic Resonance Imaging. Journal of the American Society of Echocardiography, 2008, 21, 452-457.	2.8	28
114	MR perfusion imaging. What will be its impact for detection of coronary disease in the future?. European Heart Journal, 2008, 29, 434-435.	2.2	5
115	Combined coronary and late-enhanced multidetector-computed tomography for delineation of the etiology of left ventricular dysfunction: comparison with coronary angiography and contrast-enhanced cardiac magnetic resonance imaging. European Heart Journal, 2008, 29, 2544-2551.	2.2	70
116	Direct Comparison of Whole-Heart Navigator-Gated Magnetic Resonance Coronary Angiography and 40- and 64-Slice Multidetector Row Computed Tomography to Detect the Coronary Artery Stenosis in Patients Scheduled for Conventional Coronary Angiography. Circulation: Cardiovascular Imaging, 2008 1, 114-121	2.6	51
117	Release of cardiac bio-markers during high mechanical index contrast-enhanced echocardiography in humans. European Heart Journal, 2007, 28, 1236-1241.	2.2	42
118	Risk area, infarct size, and the exposure of the wavefront phenomenon of myocardial necrosis in humans. European Heart Journal, 2007, 28, 1670-1672.	2.2	11
119	Aortic Valve Area Assessment: Multidetector CT Compared with Cine MR Imaging and Transthoracic and Transesophageal Echocardiography. Radiology, 2007, 244, 745-754.	7.3	152
120	Successful repair of a quadricuspid aortic valve illustrated by transoesophageal echocardiography, 64-slice multidetector computed tomography, and cardiac magnetic resonance. European Heart Journal, 2007, 28, 2769-2769.	2.2	8
121	Functional Anatomy of Aortic Regurgitation. Circulation, 2007, 116, I264-9.	1.6	152
122	Planimetric and continuity equation assessment of aortic valve area: Head to head comparison between cardiac magnetic resonance and echocardiography. Journal of Magnetic Resonance Imaging, 2007, 26, 1436-1443.	3.4	63
123	Diagnostic accuracy of 16-slice multidetector-row CT for detection of in-stent restenosis vs detection of stenosis in nonstented coronary arteries. European Radiology, 2007, 17, 87-96.	4.5	36
124	Usefulness of 40-slice multidetector row computed tomography to detect coronary disease in patients prior to cardiac valve surgery. European Radiology, 2007, 17, 3199-3207.	4.5	24
125	MRI versus CT for the detection of coronary artery disease: Current state and future promises. Current Cardiology Reports, 2007, 9, 72-78.	2.9	7
126	Myocardial delivery of colloid nanoparticles using ultrasound-targeted microbubble destruction. European Heart Journal, 2006, 27, 237-245.	2.2	60

#	Article	IF	CITATIONS
127	Accurate estimation of global and regional cardiac function by retrospectively gated multidetector row computed tomography. European Radiology, 2006, 16, 1424-1433.	4.5	102
128	Direct comparison between 2-dimensional and 3-dimensional PET acquisition modes for myocardial blood flow absolute quantification with O-15 water and N-13 ammonia. Journal of Nuclear Cardiology, 2006, 13, 220-224.	2.1	7
129	Characterization of Acute and Chronic Myocardial Infarcts by Multidetector Computed Tomography. Circulation, 2006, 113, 823-833.	1.6	396
130	Electrocardiographic changes after head trauma. Journal of Electrocardiology, 2005, 38, 77-81.	0.9	30
131	Coronary Artery Stenosis: Direct Comparison of Four-Section Multi–Detector Row CT and 3D Navigator MR Imaging for Detection—Initial Results. Radiology, 2005, 234, 98-108.	7.3	46
132	The effect of intra-aortic balloon counterpulsation on left ventricular functional recovery early after acute myocardial infarction: a randomized experimental magnetic resonance imaging study. European Heart Journal, 2005, 26, 1235-1241.	2.2	36
133	Head-to-Head Comparison of Three-Dimensional Navigator-Gated Magnetic Resonance Imaging and 16-Slice Computed Tomography to Detect Coronary Artery Stenosis in Patients. Journal of the American College of Cardiology, 2005, 46, 92-100.	2.8	137
134	Principios fÃsicos de las técnicas de imagen cardiovascular. , 2005, , 1-88.		0
135	Persistent diastolic dysfunction despite complete systolic functional recovery after reperfused acute myocardial infarction demonstrated by tagged magnetic resonance imaging. European Heart Journal, 2004, 25, 1419-1427.	2.2	80
136	Spatially Resolved Imaging of Myocardial Function with Strain-encoded MR: Comparison with Delayed Contrast-enhanced MR Imaging after Myocardial Infarction. Radiology, 2004, 233, 596-602.	7.3	56
137	Late systolic onset of regional LV relaxation demonstrated in three-dimensional space by MRI tissue tagging. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1740-H1746.	3.2	56
138	Reduction of "no-reflow―phenomenon by intra-aortic balloon counterpulsation in a randomized magnetic resonance imaging experimental study. Journal of the American College of Cardiology, 2004, 43, 1291-1298.	2.8	51
139	Accurate and objective infarct sizing by contrast-enhanced magnetic resonance imaging in a canine myocardial infarction model. Journal of the American College of Cardiology, 2004, 44, 2383-2389.	2.8	457
140	Unsupervised reconstruction of a three-dimensional left ventricular strain from parallel tagged cardiac images. Magnetic Resonance in Medicine, 2003, 49, 743-754.	3.0	38
141	Quantitative Ischemia Detection During Cardiac Magnetic Resonance Stress Testing by Use of FastHARP. Circulation, 2003, 107, 2025-2030.	1.6	91
142	Single-Vessel Coronary Artery Stenosis: Myocardial Perfusion Imaging with Gadomer-17 First-Pass MR Imaging in a Swine Model of Comparison with Gadopentetate Dimeglumine. Radiology, 2002, 225, 104-112.	7.3	39
143	Accuracy of Contrast-Enhanced Magnetic Resonance Imaging in Predicting Improvement of Regional Myocardial Function in Patients After Acute Myocardial Infarction. Circulation, 2002, 106, 1083-1089.	1.6	403
144	Quantitative Assessment of Intrinsic Regional Myocardial Deformation by Doppler Strain Rate Echocardiography in Humans. Circulation, 2002, 106, 50-56.	1.6	479

#	Article	IF	CITATIONS
145	Contribution of Exercise-Induced Mitral Regurgitation to Exercise Stroke Volume and Exercise Capacity in Patients With Left Ventricular Systolic Dysfunction. Circulation, 2002, 106, 1342-1348.	1.6	88
146	Myocardial blood flow, metabolism, and inotropic reserve in dogs with dysfunctional noninfarcted collateral-dependent myocardium. Journal of Nuclear Medicine, 2002, 43, 556-65.	5.0	5
147	Exaggerated chronotropic and energetic response to dobutamine after orthotopic cardiac transplantation. Journal of Heart and Lung Transplantation, 2001, 20, 824-832.	0.6	8
148	Relation Between Gd-DTPA Contrast Enhancement and Regional Inotropic Response in the Periphery and Center of Myocardial Infarction. Circulation, 2001, 104, 998-1004.	1.6	82
149	Magnetic Resonance Imaging of Myocardial Infarct. Topics in Magnetic Resonance Imaging, 2000, 11, 372-382.	1.2	17
150	Time course of functional recovery after coronary artery bypass graft surgery in patients with chronic left ventricular ischemic dysfunction. American Journal of Cardiology, 2000, 85, 1432-1439.	1.6	135
151	Microvascular Obstruction and Left Ventricular Remodeling Early After Acute Myocardial Infarction. Circulation, 2000, 101, 2734-2741.	1.6	270
152	Myocardial perfusion and oxygen consumption in reperfused noninfarcted dysfunctional myocardium after unstable angina. Journal of the American College of Cardiology, 1999, 34, 1939-1946.	2.8	56
153	Myocardial Hibernation: Blood Flow and Metabolism. Developments in Cardiovascular Medicine, 1998, , 199-214.	0.1	0
154	Correlation of functional recovery with myocardial blood flow, glucose uptake, and morphologic features in patients with chronic left ventricular ischemic dysfunction undergoing coronary artery bypass grafting. Journal of Thoracic and Cardiovascular Surgery, 1997, 113, 371-378.	0.8	48
155	Myocardial Blood Flow, Glucose Uptake, and Recruitment of Inotropic Reserve in Chronic Left Ventricular Ischemic Dysfunction. Circulation, 1996, 94, 651-659.	1.6	171
156	Nuclear and Echocardiographic Imaging for Prediction of Reversible Left Ventricular Ischemic Dysfunction After Coronary Revascularization: Current Status and Future Directions. Journal of Cardiovascular Pharmacology, 1996, 28, 27-36.	1.9	9
157	Myocardial viability. International Journal of Cardiovascular Imaging, 1995, 11, 85-88.	0.6	0
158	Preoperative Selection of Patients With Severely Impaired Left Ventricular Function for Coronary Revascularization. Circulation, 1995, 92, 37-44.	1.6	75
159	Evaluating the Symptomatic Patient with Suspected CAD. , 0, , 55-79.		0
160	Role of Cardiovascular Magnetic Resonance in Native Valvular Regurgitation: A Comprehensive Review of Protocols, Grading of Severity, and Prediction of Valve Surgery. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	8