

Nina Ajmone Marsan

List of Publications by Year in descending order

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404
papers

11,483
citations

31902

53
h-index

43802

91
g-index

436
all docs

436
docs citations

436
times ranked

10370
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 591-600.	0.5	891
2	Infarct Tissue Heterogeneity Assessed With Contrast-Enhanced MRI Predicts Spontaneous Ventricular Arrhythmia in Patients With Ischemic Cardiomyopathy and Implantable Cardioverter-Defibrillator. <i>Circulation: Cardiovascular Imaging</i> , 2009, 2, 183-190.	1.3	406
3	Assessment of Left Ventricular Dyssynchrony by Speckle Tracking Strain Imaging. <i>Journal of the American College of Cardiology</i> , 2008, 51, 1944-1952.	1.2	354
4	Relative Merits of Left Ventricular Dyssynchrony, Left Ventricular Lead Position, and Myocardial Scar to Predict Long-Term Survival of Ischemic Heart Failure Patients Undergoing Cardiac Resynchronization Therapy. <i>Circulation</i> , 2011, 123, 70-78.	1.6	259
5	Strain analysis in patients with severe aortic stenosis and preserved left ventricular ejection fraction undergoing surgical valve replacement. <i>European Heart Journal</i> , 2009, 30, 3037-3047.	1.0	230
6	Prognostic Value of Right Ventricular Longitudinal Peak Systolic Strain in Patients With Pulmonary Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 628-636.	1.3	204
7	Location and Severity of Aortic Valve Calcium and Implications for Aortic Regurgitation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2011, 108, 1470-1477.	0.7	199
8	Cardiac Resynchronization Therapy as a Therapeutic Option in Patients With Moderate-Severe Functional Mitral Regurgitation and High Operative Risk. <i>Circulation</i> , 2011, 124, 912-919.	1.6	183
9	Global longitudinal strain predicts left ventricular dysfunction after mitral valve repair. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 69-76.	0.5	166
10	Mitral Valve and Tricuspid Valve Blood Flow: Accurate Quantification with 3D Velocity-encoded MR Imaging with Retrospective Valve Tracking. <i>Radiology</i> , 2008, 249, 792-800.	3.6	160
11	Quantification of Functional Mitral Regurgitation by Real-Time 3D Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2009, 2, 1245-1252.	2.3	158
12	Myocardial strain to detect subtle left ventricular systolic dysfunction. <i>European Journal of Heart Failure</i> , 2017, 19, 307-313.	2.9	155
13	Global Longitudinal Strain Predicts Long-Term Survival in Patients With Chronic Ischemic Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2012, 5, 383-391.	1.3	144
14	Significant lead-induced tricuspid regurgitation is associated with poor prognosis at long-term follow-up. <i>Heart</i> , 2014, 100, 960-968.	1.2	142
15	Impact of left ventricular systolic function on clinical and echocardiographic outcomes following transcatheter aortic valve implantation for severe aortic stenosis. <i>American Heart Journal</i> , 2010, 160, 1113-1120.	1.2	138
16	Development of significant tricuspid regurgitation over time and prognostic implications: new insights into natural history. <i>European Heart Journal</i> , 2018, 39, 3574-3581.	1.0	130
17	Quantitative Assessment of Mitral Regurgitation. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 694-700.	1.3	123
18	Real-Time Three-Dimensional Echocardiography Permits Quantification of Left Ventricular Mechanical Dyssynchrony and Predicts Acute Response to Cardiac Resynchronization Therapy. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 392-399.	0.8	122

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19	Flow Assessment Through Four Heart Valves Simultaneously Using 3-Dimensional 3-Directional Velocity-Encoded Magnetic Resonance Imaging With Retrospective Valve Tracking in Healthy Volunteers and Patients With Valvular Regurgitation. <i>Investigative Radiology</i> , 2009, 44, 669-675.	3.5	121
20	Left Atrial Size and Function in Hypertrophic Cardiomyopathy Patients and Risk of New-Onset Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	116
21	Association of Left Ventricular Global Longitudinal Strain With Asymptomatic Severe Aortic Stenosis. <i>JAMA Cardiology</i> , 2018, 3, 839.	3.0	114
22	Prognostic Implications of Right Ventricular Free Wall Longitudinal Strain in Patients With Significant Functional Tricuspid Regurgitation. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008666.	1.3	112
23	Transcatheter aortic valve thrombosis: the relation between hypo-attenuated leaflet thickening, abnormal valve haemodynamics, and stroke. <i>European Heart Journal</i> , 2017, 38, 1207-1217.	1.0	110
24	Left ventricular global longitudinal strain is predictive of all-cause mortality independent of aortic stenosis severity and ejection fraction. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 859-867.	0.5	108
25	Magnetic resonance imaging and response to cardiac resynchronization therapy: relative merits of left ventricular dyssynchrony and scar tissue. <i>European Heart Journal</i> , 2009, 30, 2360-2367.	1.0	107
26	Comparison of Left Atrial Volumes and Function by Real-Time Three-Dimensional Echocardiography in Patients Having Catheter Ablation for Atrial Fibrillation With Persistence of Sinus Rhythm Versus Recurrent Atrial Fibrillation Three Months Later. <i>American Journal of Cardiology</i> , 2008, 102, 847-853.	0.7	103
27	Subclinical left ventricular dysfunction by echocardiographic speckle-tracking strain analysis relates to outcome in sarcoidosis. <i>European Journal of Heart Failure</i> , 2015, 17, 51-62.	2.9	102
28	Prognostic Implications of Raphe in Bicuspid Aortic Valve Anatomy. <i>JAMA Cardiology</i> , 2017, 2, 285.	3.0	101
29	Prognostic Implications of Right Ventricular Remodeling and Function in Patients With Significant Secondary Tricuspid Regurgitation. <i>Circulation</i> , 2019, 140, 836-845.	1.6	99
30	Low gradient severe aortic stenosis with preserved ejection fraction: reclassification of severity by fusion of Doppler and computed tomographic data. <i>European Heart Journal</i> , 2015, 36, 2087-2096.	1.0	98
31	Hemodynamic and Clinical Impact of Prosthesis-Patient Mismatch After Transcatheter Aortic Valve Implantation. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1910-1918.	1.2	97
32	Staging Cardiac Damage in Patients With Symptomatic Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2019, 74, 538-549.	1.2	93
33	Left atrial function to identify patients with atrial fibrillation at high risk of stroke: new insights from a large registry. <i>European Heart Journal</i> , 2018, 39, 1416-1425.	1.0	85
34	Value of the "TAVI2-SCORE" Versus Surgical Risk Scores for Prediction of One Year Mortality in 511 Patients Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2015, 115, 234-242.	0.7	82
35	Left ventricular dysfunction assessed by speckle-tracking strain analysis in patients with systemic sclerosis: Relationship to functional capacity and ventricular arrhythmias. <i>Arthritis and Rheumatism</i> , 2011, 63, 3969-3978.	6.7	80
36	Left Ventricular Post-Infarct Remodeling. <i>JACC: Heart Failure</i> , 2020, 8, 131-140.	1.9	80

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37	Left ventricular systolic function assessment in secondary mitral regurgitation: left ventricular ejection fraction vs. speckle tracking global longitudinal strain. <i>European Heart Journal</i> , 2016, 37, 811-816.	1.0	78
38	Left Atrial Function by Two-Dimensional Speckle-Tracking Echocardiography in Patients with Severe Organic Mitral Regurgitation: Association with Guidelines-Based Surgical Indication and Postoperative (Long-Term) Survival. <i>Journal of the American Society of Echocardiography</i> , 2013, 26, 1053-1062.	1.2	74
39	Global Left Ventricular Myocardial Work Efficiency in Healthy Individuals and Patients with Cardiovascular Disease. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1120-1127.	1.2	72
40	Left ventricular dyssynchrony assessed by two three-dimensional imaging modalities: phase analysis of gated myocardial perfusion SPECT and tri-plane tissue Doppler imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 166-173.	3.3	71
41	Real-Time Three-Dimensional Echocardiography as a Novel Approach to Quantify Left Ventricular Dyssynchrony: A Comparison Study with Phase Analysis of Gated Myocardial Perfusion Single Photon Emission Computed Tomography. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 801-807.	1.2	70
42	Morbidity and mortality in heart failure patients treated with cardiac resynchronization therapy: influence of pre-implantation characteristics on long-term outcome. <i>European Heart Journal</i> , 2010, 31, 2783-2790.	1.0	68
43	Myocardial Work in Nonobstructive Hypertrophic Cardiomyopathy: Implications for Outcome. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1201-1208.	1.2	68
44	INFECTIVE ENDOCARDITIS IN PATIENTS WITH BICUSPID AORTIC VALVE: CLINICAL CHARACTERISTICS, COMPLICATIONS, AND PROGNOSIS OF A MULTI-CENTER INTERNATIONAL OBSERVATIONAL STUDY. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1961.	1.2	64
45	Computed tomography for planning transcatheter tricuspid valve therapy. <i>European Heart Journal</i> , 2017, 38, ehw499.	1.0	63
46	Sex Differences in Phenotypes of Bicuspid Aortic Valve and Aortopathy. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	63
47	Prognostic Value of Left Ventricular Global Longitudinal Strain in Patients With Secondary Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2020, 75, 750-758.	1.2	63
48	Real-time three-dimensional echocardiography as a novel approach to assess left ventricular and left atrium reverse remodeling and to predict response to cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2008, 5, 1257-1264.	0.3	62
49	Left Atrial Dysfunction in the Pathogenesis of Cryptogenic Stroke: Novel Insights from Speckle-Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 71-79.e1.	1.2	60
50	Prognostic Value of Global Longitudinal Strain and Etiology After Surgery for Primary Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 577-585.	2.3	60
51	Right ventricular function and survival following cardiac resynchronisation therapy. <i>Heart</i> , 2013, 99, 722-728.	1.2	59
52	Global Longitudinal Strain and Left Atrial Volume Index Provide Incremental Prognostic Value in Patients With Hypertrophic Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	58
53	Global longitudinal strain and left atrial volume index improve prediction of appropriate implantable cardioverter defibrillator therapy in hypertrophic cardiomyopathy patients. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 549-558.	0.7	57
54	Accuracy of Three-Dimensional Versus Two-Dimensional Echocardiography for Quantification of Aortic Regurgitation and Validation by Three-Dimensional Three-Directional Velocity-Encoded Magnetic Resonance Imaging. <i>American Journal of Cardiology</i> , 2013, 112, 560-566.	0.7	56

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55	Prognostic implications of global, left ventricular myocardial work efficiency before cardiac resynchronization therapy. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1388-1394.	0.5	56
56	Right Ventricularâ€Pulmonary Arterial Coupling in Secondary Tricuspid Regurgitation. <i>American Journal of Cardiology</i> , 2021, 148, 138-145.	0.7	56
57	QRS Fragmentation and QTc Duration Relate to Malignant Ventricular Tachyarrhythmias and Sudden Cardiac Death in Patients with Hypertrophic Cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 547-555.	0.8	54
58	Impaired Renal Function Is Associated With Echocardiographic Nonresponse and Poor Prognosis After Cardiac Resynchronization Therapy. <i>Journal of the American College of Cardiology</i> , 2011, 57, 549-555.	1.2	52
59	Association Between Left Ventricular Global Longitudinal Strain and Adverse Left Ventricular Dilatation After ST-Segmentâ€Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 74-81.	1.3	50
60	Inter-ethnic differences in valve morphology, valvular dysfunction, and aortopathy between Asian and European patients with bicuspid aortic valve. <i>European Heart Journal</i> , 2018, 39, 1308-1313.	1.0	50
61	Impact of clinical and echocardiographic response to cardiac resynchronization therapy on long-term survival. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 774-781.	0.5	49
62	Left Ventricular Myocardial Work in Patients with Severe Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 257-266.	1.2	49
63	Reduced Left Ventricular Torsion Early After Myocardial Infarction Is Related to Left Ventricular Remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 433-442.	1.3	48
64	Left Ventricular Functional Recovery and Remodeling in Low-Flow Low-Gradient Severe Aortic Stenosis after Transcatheter Aortic Valve Implantation. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 817-825.	1.2	48
65	Detection of subtle left ventricular systolic dysfunction in patients with significant aortic regurgitation and preserved left ventricular ejection fraction: speckle tracking echocardiographic analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 992-9.	0.5	48
66	Leaflet remodelling in functional mitral valve regurgitation: characteristics, determinants, and relation to regurgitation severity. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 290-299.	0.5	47
67	Rituximab in early systemic sclerosis. <i>RMD Open</i> , 2017, 3, e000384.	1.8	47
68	Feasibility, Accuracy, and Reproducibility of Aortic Annular and Root Sizing for Transcatheter Aortic Valve Replacement Using Novel Automated Three-Dimensional Echocardiographic Software: Comparison with Multiâ€Detector Row Computed Tomography. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 505-514.e3.	1.2	46
69	Prognostic Implications of a Novelâ€Algorithm to Grade Secondary Tricuspid Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1085-1095.	2.3	46
70	Changes in Left Ventricular Function After Mitral Valve Repair for Severe Organic Mitral Regurgitation. <i>Annals of Thoracic Surgery</i> , 2012, 93, 754-760.	0.7	45
71	Comparison of Time Course of Response to Cardiac Resynchronization Therapy in Patients With Ischemic Versus Nonischemic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2009, 103, 690-694.	0.7	44
72	Tricuspid valve remodelling in functional tricuspid regurgitation: multidetector row computed tomography insights. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 17, jev140.	0.5	43

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73	Automated Cardiac Valve Tracking for Flow Quantification with Four-dimensional Flow MRI. <i>Radiology</i> , 2019, 290, 70-78.	3.6	43
74	Left atrial reverse remodeling and functional improvement after mitral valve repair in degenerative mitral regurgitation: A real-time 3-dimensional echocardiography study. <i>American Heart Journal</i> , 2011, 161, 314-321.	1.2	40
75	Therapeutic and diagnostic outcomes of a standardised, comprehensive care pathway for patients with systemic sclerosis. <i>RMD Open</i> , 2016, 2, e000159.	1.8	40
76	Right ventricular myocardial work: proof-of-concept for non-invasive assessment of right ventricular function. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 142-152.	0.5	40
77	Comparison Between Tissue Doppler Imaging and Velocity-Encoded Magnetic Resonance Imaging for Measurement of Myocardial Velocities, Assessment of Left Ventricular Dyssynchrony, and Estimation of Left Ventricular Filling Pressures in Patients With Ischemic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2008, 102, 1366-1372.	0.7	39
78	The Relationship between Time from Myocardial Infarction, Left Ventricular Dyssynchrony, and the Risk for Ventricular Arrhythmia: Speckle-Tracking Echocardiographic Analysis. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 470-477.	1.2	38
79	Surgical Sutureless and Transcatheter Aortic Valves. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 670-677.	1.1	38
80	Relation of Echocardiographic Markers of Left Atrial Fibrosis to Atrial Fibrillation Burden. <i>American Journal of Cardiology</i> , 2018, 122, 584-591.	0.7	38
81	EACVI survey on standardization of cardiac chambers quantification by transthoracic echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 119-123.	0.5	38
82	Real-time three dimensional echocardiography: current and future clinical applications. <i>Heart</i> , 2009, 95, 1881-1890.	1.2	37
83	Prevalence and characteristics of patients with clinical improvement but not significant left ventricular reverse remodeling after cardiac resynchronization therapy. <i>American Heart Journal</i> , 2010, 160, 737-743.	1.2	37
84	Non-invasive imaging in atrial fibrillation: focus on prognosis and catheter ablation. <i>Heart</i> , 2015, 101, 94-100.	1.2	35
85	Myocardial Structural Alteration and Systolic Dysfunction in Preclinical Hypertrophic Cardiomyopathy Mutation Carriers. <i>PLoS ONE</i> , 2012, 7, e36115.	1.1	35
86	Quantitative Dobutamine Stress Echocardiography Using Speckle-Tracking Analysis versus Conventional Visual Analysis for Detection of Significant Coronary Artery Disease after ST-Segment Elevation Myocardial Infarction. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1379-1389.e1.	1.2	34
87	Left ventricular rotational mechanics in patients with coronary artery disease: differences in subendocardial and subepicardial layers. <i>Heart</i> , 2010, 96, 1737-1743.	1.2	33
88	Timing of Staged Percutaneous Coronary Intervention Before Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2015, 115, 1726-1732.	0.7	33
89	Incremental value of left ventricular global longitudinal strain in a newly proposed staging classification based on cardiac damage in patients with severe aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1248-1258.	0.5	33
90	Prognostic Implications of Staging Right Heart Failure in Patients With Significant Secondary Tricuspid Regurgitation. <i>JACC: Heart Failure</i> , 2020, 8, 627-636.	1.9	33

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91	Global Left Ventricular Myocardial Work Efficiency and Long-Term Prognosis in Patients After ST-Segmentâ€Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012072.	1.3	33
92	Prognostic Implications of Associated Cardiac Abnormalities Detected on Echocardiography in Patients With Moderate Aortic Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1724-1737.	2.3	33
93	The dysfunctional right ventricle: the importance of multi-modality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 885-897.	0.5	33
94	Three-Dimensional Echocardiography for the Preoperative Assessment of Patients With Left Ventricular Aneurysm. <i>Annals of Thoracic Surgery</i> , 2011, 91, 113-121.	0.7	32
95	Atherosclerosis burden of the aortic valve and aorta and risk of acute kidney injury after transcatheter aortic valve implantation. <i>Journal of Cardiovascular Computed Tomography</i> , 2015, 9, 129-138.	0.7	32
96	A Roadmap to Assess Myocardial Work. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2549-2554.	2.3	32
97	Parameters associated with ventricular arrhythmias in mitral valve prolapse with significant regurgitation. <i>Heart</i> , 2021, 107, 411-418.	1.2	32
98	Transcatheter Interventions for Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2029-2048.	2.3	32
99	Predicting cardiopulmonary involvement in patients with systemic sclerosis: complementary value of nailfold videocapillaroscopy patterns and disease-specific autoantibodies. <i>Rheumatology</i> , 2017, 56, kew402.	0.9	31
100	Effect of Aortic Valve Replacement on Aortic Root Dilatation Rate in Patients With Bicuspid and Tricuspid Aortic Valves. <i>Annals of Thoracic Surgery</i> , 2016, 102, 1981-1987.	0.7	31
101	Three-dimensional assessment of mitral valve annulus dynamics and impact on quantification of mitral regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 176-184.	0.5	31
102	Atrial Infarction and Ischemic Mitral Regurgitation Contribute to Post-MI Remodeling of the Left Atrium. <i>Journal of the American College of Cardiology</i> , 2017, 70, 2878-2889.	1.2	30
103	Value of Tissue Doppler Echocardiography in Predicting Response to Cardiac Resynchronization Therapy in Patients With Heart Failure. <i>American Journal of Cardiology</i> , 2010, 105, 1153-1158.	0.7	29
104	Impact of Flow and Left Ventricular Strain on Outcome of Patients With Preserved Left Ventricular Ejection Fraction and Low Gradient Severe Aortic Stenosis Undergoing Aortic Valve Replacement. <i>American Journal of Cardiology</i> , 2014, 114, 1875-1881.	0.7	29
105	Comparison of Quantity of Calcific Deposits by Multidetector Computed Tomography in the Aortic Valve and Coronary Arteries. <i>American Journal of Cardiology</i> , 2016, 118, 1533-1538.	0.7	29
106	Prevalence and Correlates of Early Right Ventricular Dysfunction in Sarcoidosis and Its Association with Outcome. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 871-878.	1.2	29
107	Prognostic value of global longitudinal strain in heart failure patients treated with cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2018, 15, 1533-1539.	0.3	29
108	Cardiac resynchronization therapy in patients with ischemic versus non-ischemic heart failure: Differential effect of optimizing interventricular pacing interval. <i>American Heart Journal</i> , 2009, 158, 769-776.	1.2	28

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109	Impact of Left Ventricular Dyssynchrony Early on Left Ventricular Function After First Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , 2010, 105, 306-311.	0.7	28
110	Integrated imaging of echocardiography and computed tomography to grade mitral regurgitation severity in patients undergoing transcatheter aortic valve implantation. <i>European Heart Journal</i> , 2017, 38, ehw612.	1.0	28
111	Effect of Aging on Left Atrial Compliance and Electromechanical Properties in Subjects Without Structural Heart Disease. <i>American Journal of Cardiology</i> , 2017, 120, 140-147.	0.7	28
112	Impact of Diabetes and Increasing Body Mass Index Category on Left Ventricular Systolic and Diastolic Function. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 916-925.	1.2	28
113	The structural heart disease interventional imager rationale, skills and training: a position paper of the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 471-479.	0.5	28
114	Insights Into New-Onset Rhythm Conduction Disorders Detected by Multi-Detector Row Computed Tomography After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2014, 114, 1556-1561.	0.7	27
115	The evaluation of aortic stenosis, how the new guidelines are implemented across Europe: a survey by EACVI. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 357-362.	0.5	27
116	Sustained favourable haemodynamics 1 year after TAVI: improvement in NYHA functional class related to improvement of left ventricular diastolic function. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1269-1278.	0.5	26
117	Effect of Functional Mitral Regurgitation on Outcome in Patients Receiving Cardiac Resynchronization Therapy for Heart Failure. <i>American Journal of Cardiology</i> , 2019, 123, 75-83.	0.7	26
118	Influence of Aging on Level and Layer-Specific Left Ventricular Longitudinal Strain in Subjects Without Structural Heart Disease. <i>American Journal of Cardiology</i> , 2017, 120, 2065-2072.	0.7	25
119	Time course of left ventricular remodelling and mechanics after aortic valve surgery: aortic stenosis vs. aortic regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1105-1111.	0.5	25
120	New Insights on Carpentier I Mitral Regurgitation from Multidetector Row Computed Tomography. <i>American Journal of Cardiology</i> , 2014, 114, 763-768.	0.7	23
121	Mitral valve repair for secondary mitral regurgitation in non-ischaemic dilated cardiomyopathy is associated with left ventricular reverse remodelling and increase of forward flow. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 208-215.	0.5	23
122	Determinants and prognostic implications of left ventricular mechanical dispersion in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 740-748.	0.5	23
123	Left ventricular myocardial work in the culprit vessel territory and impact on left ventricular remodelling in patients with ST-segment elevation myocardial infarction after primary percutaneous coronary intervention. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 339-347.	0.5	23
124	Left Ventricular Reverse Remodeling, Device-Related Adverse Events, and Long-Term Outcome After Cardiac Resynchronization Therapy in the Elderly. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2014, 7, 437-444.	0.9	22
125	Anaemia in patients with aortic stenosis: influence on long-term prognosis. <i>European Journal of Heart Failure</i> , 2015, 17, 1042-1049.	2.9	22
126	Identification of known and unknown genes associated with mitral valve prolapse using an exome slice methodology. <i>Journal of Medical Genetics</i> , 2020, 57, 843-850.	1.5	22

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127	The effect of cardiac resynchronization therapy on left ventricular diastolic function assessed with speckle-tracking echocardiography. <i>European Journal of Heart Failure</i> , 2011, 13, 1133-1139.	2.9	21
128	Influence of Diabetes on Left Ventricular Systolic and Diastolic Function and on Long-Term Outcome After Cardiac Resynchronization Therapy. <i>Diabetes Care</i> , 2013, 36, 985-991.	4.3	21
129	Criteria for surveys: from the European Association of Cardiovascular Imaging Scientific Initiatives Committee. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 963-966.	0.5	21
130	Outcomes of Valve Repair for Degenerative Disease in Patients With Mitral Annular Calcification. <i>Annals of Thoracic Surgery</i> , 2019, 107, 1195-1201.	0.7	21
131	Characterization of Degenerative Mitral Valve Disease: Differences between Fibroelastic Deficiency and Barlow's Disease. <i>Journal of Cardiovascular Development and Disease</i> , 2021, 8, 23.	0.8	21
132	Impact of QRS complex duration and morphology on left ventricular reverse remodelling and left ventricular function improvement after cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , 2017, 19, 1145-1151.	2.9	20
133	Prognostic implications of left ventricular global longitudinal strain in patients with bicuspid aortic valve disease and preserved left ventricular ejection fraction. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 759-767.	0.5	20
134	Noninvasive Myocardial Work Indices 3 Months after ST-Segment Elevation Myocardial Infarction: Prevalence and Characteristics of Patients with Postinfarction Cardiac Remodeling. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1172-1179.	1.2	20
135	Prevalence and Prognostic Implications of Right Ventricular Dysfunction in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2019, 124, 604-612.	0.7	19
136	Left ventricular functional recovery of infarcted and remote myocardium after ST-segment elevation myocardial infarction (METOCARD-CNIC randomized clinical trial substudy). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 44.	1.6	19
137	Left Ventricular Systolic Function in Patients with Systemic Lupus Erythematosus and Its Association with Cardiovascular Events. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1116-1122.	1.2	19
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