

Nina Ajmone Marsan

List of Publications by Citations

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299
papers

7,478
citations

43
h-index

76
g-index

436
ext. papers

9,688
ext. citations

5.2
avg, IF

5.88
L-index

#	Paper	IF	Citations
299	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> , 2009 , 10, 1-10	4.1	433
298	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, 183-90	3.9	329
297	Assessment of left ventricular dyssynchrony by speckle tracking strain imaging comparison between longitudinal, circumferential, and radial strain in cardiac resynchronization therapy. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 1944-52	15.1	312
296	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, 70-8	16.7	208
295	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, 3037-47	9.5	190
294	Prognostic value of right ventricular longitudinal peak systolic strain in patients with pulmonary hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 628-36	3.9	170
293	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, 1470-7	3	168
292	Cardiac resynchronization therapy as a therapeutic option in patients with moderate-severe functional mitral regurgitation and high operative risk. <i>Circulation</i> , 2011 , 124, 912-9	16.7	150
291	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	20.5	138
290	Quantification of functional mitral regurgitation by real-time 3D echocardiography: comparison with 3D velocity-encoded cardiac magnetic resonance. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 1245-52	8.4	134
289	Global longitudinal strain predicts left ventricular dysfunction after mitral valve repair. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 69-76	4.1	130
288	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, 1113-20	4.9	119
287	Global longitudinal strain predicts long-term survival in patients with chronic ischemic cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 383-91	3.9	109
286	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, 392-9	2.7	109
285	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, 669-75	10.1	106
284	Myocardial strain to detect subtle left ventricular systolic dysfunction. <i>European Journal of Heart Failure</i> , 2017 , 19, 307-313	12.3	99
283	Quantitative assessment of mitral regurgitation: comparison between three-dimensional transesophageal echocardiography and magnetic resonance imaging. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 694-700	3.9	97

282	Significant lead-induced tricuspid regurgitation is associated with poor prognosis at long-term follow-up. <i>Heart</i> , 2014 , 100, 960-8	5.1	95
281	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, 847-53	3	93
280	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, 2360-7	9.5	85
279	Hemodynamic and clinical impact of prosthesis-patient mismatch after transcatheter aortic valve implantation. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 1910-8	15.1	81
278	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	9.5	77
277	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	9.5	75
276	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	12.3	73
275	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 ^{4.1}	7.1	72
274	Left Atrial Size and Function in Hypertrophic Cardiomyopathy Patients and Risk of New-Onset Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017 , 10,	6.4	69
273	Prognostic Implications of Raphe in Bicuspid Aortic Valve Anatomy. <i>JAMA Cardiology</i> , 2017 , 2, 285-292	16.2	67
272	Development of significant tricuspid regurgitation over time and prognostic implications: new insights into natural history. <i>European Heart Journal</i> , 2018 , 39, 3574-3581	9.5	67
271	Association of Left Ventricular Global Longitudinal Strain With Asymptomatic Severe Aortic Stenosis: Natural Course and Prognostic Value. <i>JAMA Cardiology</i> , 2018 , 3, 839-847	16.2	63
270	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, 234-42	3	62
269	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, 2783-90	9.5	61
268	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, 801-7	5.8	61
267	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, 166-73	8.8	61
266	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, 3969-78		59
265	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, 1257-64	6.7	58

264	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	9.5	57
263	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, 1053-62	5.8	54
262	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, 811-6	9.5	53
261	Prognostic Implications of Right Ventricular Free Wall Longitudinal Strain in Patients With Significant Functional Tricuspid Regurgitation. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008666	3.9	44
260	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	15.1	44
259	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, 560-6	3	44
258	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	5.8	44
257	Right ventricular function and survival following cardiac resynchronisation therapy. <i>Heart</i> , 2013 , 99, 722-31	3.1	44
256	Computed tomography for planning transcatheter tricuspid valve therapy. <i>European Heart Journal</i> , 2017 , 38, 665-674	9.5	43
255	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, 549-55	15.1	43
254	Prognostic Implications of Right Ventricular Remodeling and Function in Patients With Significant Secondary Tricuspid Regurgitation. <i>Circulation</i> , 2019 , 140, 836-845	16.7	42
253	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, 549-58	2.5	42
252	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, 690-4	3	41
251	Impact of clinical and echocardiographic response to cardiac resynchronization therapy on long-term survival. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 774-81	4.1	40
250	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	5.8	39
249	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, 547-55	2.7	39
248	Association between left ventricular global longitudinal strain and adverse left ventricular dilatation after ST-segment-elevation myocardial infarction. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 74-81	3.9	38
247	Reduced left ventricular torsion early after myocardial infarction is related to left ventricular remodeling. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 433-42	3.9	38

246	Changes in left ventricular function after mitral valve repair for severe organic mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 754-60	2.7	36
245	Global Longitudinal Strain and Left Atrial Volume Index Provide Incremental Prognostic Value in Patients With Hypertrophic Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	36
244	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> , 2015 , 102, 1366-72	3	36
243	Feasibility, Accuracy, and Reproducibility of Aortic Annular and Root Sizing for Transcatheter Aortic Valve Replacement Using Novel Automated Three-Dimensional Echocardiographic Software: Comparison with Multi-Detector Row Computed Tomography. <i>Journal of the American Society of Echocardiography</i> , 2016 , 31, 505-514.e3	5.8	36
242	Staging Cardiac Damage in Patients With Symptomatic Aortic Valve Stenosis. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 538-549	15.1	35
241	Myocardial structural alteration and systolic dysfunction in preclinical hypertrophic cardiomyopathy mutation carriers. <i>PLoS ONE</i> , 2012 , 7, e36115	3.7	35
240	Tricuspid valve remodelling in functional tricuspid regurgitation: multidetector row computed tomography insights. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 96-105	4.1	34
239	Leaflet remodelling in functional mitral valve regurgitation: characteristics, determinants, and relation to regurgitation severity. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 290-9	4.1	34
238	Left Ventricular Post-Infarct Remodeling: Implications for Systolic Function Improvement and Outcomes in the Modern Era. <i>JACC: Heart Failure</i> , 2020 , 8, 131-140	7.9	34
237	Sex Differences in Phenotypes of Bicuspid Aortic Valve and Aortopathy: Insights From a Large Multicenter, International Registry. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	33
236	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	4.1	33
235	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, 817-25	5.8	33
234	Left ventricular rotational mechanics in patients with coronary artery disease: differences in subendocardial and subepicardial layers. <i>Heart</i> , 2010 , 96, 1737-43	5.1	32
233	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, 737-43	4.9	32
232	Prognostic Value of Global Longitudinal Strain and Etiology After Surgery for Primary Mitral Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 577-585	8.4	32
231	Surgical sutureless and transcatheter aortic valves: hemodynamic performance and clinical outcomes in propensity score-matched high-risk populations with severe aortic stenosis. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 670-7	5	31
230	Non-invasive imaging in atrial fibrillation: focus on prognosis and catheter ablation. <i>Heart</i> , 2015 , 101, 94-100	5.1	31
229	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	9.5	29

228	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, 314-21	4.9	29
227	Three-dimensional echocardiography for the preoperative assessment of patients with left ventricular aneurysm. <i>Annals of Thoracic Surgery</i> , 2011 , 91, 113-21	2.7	29
226	Real-time three dimensional echocardiography: current and future clinical applications. <i>Heart</i> , 2009 , 95, 1881-90	5.1	29
225	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, 470-7	5.8	28
224	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	15.1	27
223	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, 1153-8	3	27
222	Impact of left ventricular dyssynchrony early on left ventricular function after first acute myocardial infarction. <i>American Journal of Cardiology</i> , 2010 , 105, 306-11	3	26
221	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, 871-8	5.8	25
220	Transcatheter Interventions for Mitral Regurgitation: Multimodality Imaging for Patient Selection and Procedural Guidance. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2029-2048	8.4	25
219	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, 769-78	4.9	24
218	Myocardial Work in Nonobstructive Hypertrophic Cardiomyopathy: Implications for Outcome. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1201-1208	5.8	24
217	Therapeutic and diagnostic outcomes of a standardised, comprehensive care pathway for patients with systemic sclerosis. <i>RMD Open</i> , 2016 , 2, e000159	5.9	24
216	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, 1379-89.e1	5.8	23
215	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	2.7	23
214	Rituximab in early systemic sclerosis. <i>RMD Open</i> , 2017 , 3, e000384	5.9	23
213	Automated Cardiac Valve Tracking for Flow Quantification with Four-dimensional Flow MRI. <i>Radiology</i> , 2019 , 290, 70-78	20.5	23
212	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, 2221-2226	9.5	22
211	Timing of staged percutaneous coronary intervention before transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , 2015 , 115, 1726-32	3	22

210	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, 1556-61	3	22
209	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, 1875-81	3	22
208	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	3	21
207	Prognostic implications of global, left ventricular myocardial work efficiency before cardiac resynchronization therapy. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1388-1394	4.1	21
206	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	3	20
205	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	4.1	20
204	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	4.1	20
203	Relation of Echocardiographic Markers of Left Atrial Fibrosis to Atrial Fibrillation Burden. <i>American Journal of Cardiology</i> , 2018 , 122, 584-591	3	20
202	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, 129-38	2.8	19
201	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, 985-91	14.6	19
200	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, 1133-9	12.3	19
199	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	12.3	17
198	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	5.8	17
197	New insights on Carpentier I mitral regurgitation from multidetector row computed tomography. <i>American Journal of Cardiology</i> , 2014 , 114, 763-8	3	17
196	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, 437-44	5.8	17
195	Association between multilayer left ventricular rotational mechanics and the development of left ventricular remodeling after acute myocardial infarction. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 239-48	5.8	17
194	Predicting cardiopulmonary involvement in patients with systemic sclerosis: complementary value of nailfold videocapillaroscopy patterns and disease-specific autoantibodies. <i>Rheumatology</i> , 2017 , 56, 1081-1088	3.9	17
193	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	15.1	16

192	EACVI survey on standardization of cardiac chambers quantification by transthoracic echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 119-123	4.1	16
191	Determinants and prognostic implications of left ventricular mechanical dispersion in aortic stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 740-748	4.1	15
190	Influence of the Quantity of Aortic Valve Calcium on the Agreement Between Automated 3-Dimensional Transesophageal Echocardiography and Multidetector Row Computed Tomography for Aortic Annulus Sizing. <i>American Journal of Cardiology</i> , 2018 , 121, 86-93	3	15
189	Prediction of response to cardiac resynchronization therapy combining two different three-dimensional analyses of left ventricular dyssynchrony. <i>American Journal of Cardiology</i> , 2011 , 108, 711-7	3	15
188	Usefulness of the CRT-SCORE for Shared Decision Making in Cardiac Resynchronization Therapy in Patients With a Left Ventricular Ejection Fraction of ≥ 5 . <i>American Journal of Cardiology</i> , 2017 , 120, 2008-2016	3	14
187	Prognostic value of global longitudinal strain in heart failure patients treated with cardiac resynchronization therapy. <i>Heart Rhythm</i> , 2018 , 15, 1533-1539	6.7	14
186	Anaemia in patients with aortic stenosis: influence on long-term prognosis. <i>European Journal of Heart Failure</i> , 2015 , 17, 1042-9	12.3	14
185	Acute effect of MitraClip implantation on mitral valve geometry in patients with functional mitral regurgitation: insights from three-dimensional transoesophageal echocardiography. <i>EuroIntervention</i> , 2016 , 11, 1554-61	3.1	14
184	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	3	14
183	Relation of Myocardial Contrast-Enhanced T Mapping by Cardiac Magnetic Resonance to Left Ventricular Reverse Remodeling After Cardiac Resynchronization Therapy in Patients With Nonischemic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2017 , 119, 1456-1462	3	13
182	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	4.1	13
181	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	4.1	13
180	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	4.1	13
179	A Roadmap to Assess Myocardial Work: From Theory to Clinical Practice. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2549-2554	8.4	13
178	Multidetector row computed tomography parameters associated with paravalvular regurgitation after transcatheter aortic valve implantation. <i>American Journal of Cardiology</i> , 2013 , 112, 1800-6	3	13
177	Left bundle branch block after sutureless, transcatheter, and stented biological aortic valve replacement for aortic stenosis. <i>EuroIntervention</i> , 2017 , 12, 1660-1666	3.1	13
176	Criteria for surveys: from the European Association of Cardiovascular Imaging Scientific Initiatives Committee. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 963-966	4.1	12
175	Comparison of Changes in Global Longitudinal Peak Systolic Strain After ST-Segment Elevation Myocardial Infarction in Patients With Versus Without Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2015 , 116, 1334-9	3	12

174	Aortic valve repair versus replacement for aortic regurgitation: effects on left ventricular remodeling. <i>Journal of Cardiac Surgery</i> , 2015 , 30, 13-9	1.3	12
173	Left ventricular 2D speckle tracking echocardiography for detection of systolic dysfunction in genetic, dilated cardiomyopathies. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 694-699	4.1	12
172	QRS duration versus morphology and survival after cardiac resynchronization therapy. <i>ESC Heart Failure</i> , 2017 , 4, 23-30	3.7	11
171	Outcomes of Valve Repair for Degenerative Disease in Patients With Mitral Annular Calcification. <i>Annals of Thoracic Surgery</i> , 2019 , 107, 1195-1201	2.7	11
170	Prevalence and Prognostic Implications of Right Ventricular Dysfunction in Patients With Hypertrophic Cardiomyopathy. <i>American Journal of Cardiology</i> , 2019 , 124, 604-612	3	11
169	Prognostic Implications of a Novel Algorithm to Grade Secondary Tricuspid Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1085-1095	8.4	11
168	Left ventricular reverse remodeling after aortic valve surgery for acute versus chronic aortic regurgitation. <i>Echocardiography</i> , 2016 , 33, 1458-1464	1.5	11
167	Effect of Early Metoprolol During ST-Segment Elevation Myocardial Infarction on Left Ventricular Strain: Feature-Tracking Cardiovascular Magnetic Resonance Substudy From the METOCARD-CNIC Trial. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1188-1198	8.4	11
166	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	3	11
165	Left Ventricular Myocardial Work in Patients with Severe Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2021 , 34, 257-266	5.8	11
164	Prognostic Implications of Staging Right Heart Failure in Patients With Significant Secondary Tricuspid Regurgitation. <i>JACC: Heart Failure</i> , 2020 , 8, 627-636	7.9	10
163	Impact of Different Iterations of Devices and Degree of Aortic Valve Calcium on Paravalvular Regurgitation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2016 , 118, 567-71	3	10
162	Effect of cardiac resynchronization therapy in patients with New York Heart Association functional class IV heart failure. <i>American Journal of Cardiology</i> , 2010 , 106, 1146-51	3	10
161	Tools & Techniques - Clinical: 3D transoesophageal echocardiography for selecting and guiding in percutaneous mitral valve repair using MitraClip. <i>EuroIntervention</i> , 2014 , 10, 884-6	3.1	10
160	Prognostic Implications of Increased Right Ventricular Wall Tension in Secondary Tricuspid Regurgitation. <i>American Journal of Cardiology</i> , 2020 , 136, 131-139	3	10
159	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	4.1	10
158	Right Ventricular-Pulmonary Arterial Coupling in Secondary Tricuspid Regurgitation. <i>American Journal of Cardiology</i> , 2021 , 148, 138-145	3	10
157	Prognostic Implications of Elevated Pulmonary Artery Pressure After ST-Segment Elevation Myocardial Infarction. <i>American Journal of Cardiology</i> , 2016 , 118, 326-31	3	10

156	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	4.1	10
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