Denisa Muraru

List of Publications by Year
in descending order

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Version: 2024-02-01

197	24,627	38742 50	7518 151
papers	citations	h-index	g-index

215	215	215	21015
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. Journal of the American Society of Echocardiography, 2015, 28, 1-39.e14.	2.8	10,755
2	Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2015, 16, 233-271.	1.2	5,352
3	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
4	Speckle-Tracking Echocardiography. Journal of Ultrasound in Medicine, 2011, 30, 71-83.	1.7	418
5	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
6	EACVI/EHRA Expert Consensus Document on the role of multi-modality imaging for the evaluation of patients with atrial fibrillation. European Heart Journal Cardiovascular Imaging, 2016, 17, 355-383.	1.2	233
7	Role of multimodality cardiac imaging in the management of patients with hypertrophic cardiomyopathy: an expert consensus of the European Association of Cardiovascular Imaging Endorsed by the Saudi Heart Association. European Heart Journal Cardiovascular Imaging, 2015, 16, 280-280.	1.2	214
8	Age-, Body Size-, and Sex-Specific Reference Values for Right Ventricular Volumes and Ejection Fraction by Three-Dimensional Echocardiography. Circulation: Cardiovascular Imaging, 2013, 6, 700-710.	2.6	190
9	Fully Automated Versus Standard Tracking of Left Ventricular Ejection Fraction and Longitudinal Strain. Journal of the American College of Cardiology, 2015, 66, 1456-1466.	2.8	188
10	European Association of Cardiovascular Imaging/Cardiovascular Imaging Department of the Brazilian Society of Cardiology recommendations for the use of cardiac imaging to assess and follow patients after heart transplantation. European Heart Journal Cardiovascular Imaging, 2015, 16, 919-948.	1.2	180
11	Right ventricle in pulmonary arterial hypertension: haemodynamics, structural changes, imaging, and proposal of a study protocol aimed to assess remodelling and treatment effects. European Journal of Echocardiography, 2010, 11, 27-37.	2.3	176
12	Assessment of functional tricuspid regurgitation. European Heart Journal, 2013, 34, 1875-1885.	2.2	170
13	Sex- and Method-Specific Reference Values for Right Ventricular Strain by 2-Dimensional Speckle-Tracking Echocardiography. Circulation: Cardiovascular Imaging, 2016, 9, e003866.	2.6	169
14	New speckle-tracking algorithm for right ventricular volume analysis from three-dimensional echocardiographic data sets: validation with cardiac magnetic resonance and comparison with the previous analysis tool. European Heart Journal Cardiovascular Imaging, 2016, 17, 1279-1289.	1.2	163
15	Three-dimensional speckle-tracking echocardiography: benefits and limitations of integrating myocardial mechanics with three-dimensional imaging. Cardiovascular Diagnosis and Therapy, 2018, 8, 101-117.	1.7	140
16	Left Atrial Volumes and Function by Three-Dimensional Echocardiography. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	138
17	Transcatheter treatment for tricuspid valve disease. EuroIntervention, 2021, 17, 791-808.	3.2	136
18	Right atrial size and function assessed with three-dimensional and speckle-tracking echocardiography in 200 healthy volunteers. European Heart Journal Cardiovascular Imaging, 2013, 14, 1106-1114.	1.2	132

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19	Comprehensive multi-modality imaging approach in arrhythmogenic cardiomyopathyâ€”an expert consensus document of the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2017, 18, 237-253.	1.2	123
20	Comprehensive Analysis of Left Ventricular Geometry and Function by Three-Dimensional Echocardiography in Healthy Adults. Journal of the American Society of Echocardiography, 2013, 26, 618-628.	2.8	118
21	Similarities and Differences in Left Ventricular Size and Function among Races and Nationalities: Results of the World Alliance Societies of Echocardiography Normal Values Study. Journal of the American Society of Echocardiography, 2019, 32, 1396-1406.e2.	2.8	110
22	Evaluation of Left Atrial Size and Function: Relevance for Clinical Practice. Journal of the American Society of Echocardiography, 2020, 33, 934-952.	2.8	110
23	Left Ventricular Myocardial Strain by Three-Dimensional Speckle-Tracking Echocardiography in Healthy Subjects: Reference Values and Analysis of Their Physiologic and Technical Determinants. Journal of the American Society of Echocardiography, 2014, 27, 858-871.e1.	2.8	103
24	Focus cardiac ultrasound core curriculum and core syllabus of the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2018, 19, 475-481.	1.2	101
25	3-Dimensional Echocardiography in Imaging the Tricuspid Valve. JACC: Cardiovascular Imaging, 2019, 12, 500-515.	5.3	99
26	3-Dimensional Echocardiographic AnalysisÂof the Tricuspid Annulus ProvidesÂNew Insights Into TricuspidÂValveÂGeometry and Dynamics. JACC: Cardiovascular Imaging, 2019, 12, 401-412.	5.3	97
27	Left Atrial Dysfunction as a Correlate of Heart Failure Symptoms in Hypertrophic Cardiomyopathy. Journal of the American Society of Echocardiography, 2010, 23, 1090-1098.	2.8	94
28	Functional Regurgitation of Atrioventricular Valves and Atrial Fibrillation: An Elusive Pathophysiological Link Deserving Further Attention. Journal of the American Society of Echocardiography, 2020, 33, 42-53.	2.8	94
29	Use of three-dimensional speckle tracking to assess left ventricular myocardial mechanics: inter-vendor consistency and reproducibility of strain measurements. European Heart Journal Cardiovascular Imaging, 2013, 14, 285-293.	1.2	93
30	Validation of a novel automated border-detection algorithm for rapid and accurate quantitation of left ventricular volumes based on three-dimensional echocardiography. European Heart Journal Cardiovascular Imaging, 2010, 11, 359-368.	1.2	89
31	Ascending aorta diameters measured by echocardiography using both leading edge-to-leading edge and inner edge-to-inner edge conventions in healthy volunteers. European Heart Journal Cardiovascular Imaging, 2014, 15, 415-422.	1.2	84
32	Normal Left Ventricular Mechanics by Two-dimensional Speckle-tracking Echocardiography. Reference Values in Healthy Adults. Revista Espanola De Cardiologia (English Ed), 2014, 67, 651-658.	0.6	81
33	Multimodality Imaging of the Tricuspid Valve and Right Heart Anatomy. JACC: Cardiovascular Imaging, 2019, 12, 516-531.	5.3	77
34	Left ventricular remodelling and torsional dynamics in dilated cardiomyopathy: reversed apical rotation as a marker of disease severity. European Journal of Heart Failure, 2009, 11, 945-951.	7.1	76
35	Morphological Assessment of the Tricuspid Apparatus and Grading Regurgitation Severity in Patients With Functional Tricuspid Regurgitation. JACC: Cardiovascular Imaging, 2019, 12, 652-664.	5.3	76
36	Tricuspid regurgitation: recent advances in understanding pathophysiology, severity grading and outcome. European Heart Journal Cardiovascular Imaging, 2022, 23, 913-929.	1.2	73

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37	Imaging the adult with congenital heart disease: a multimodality imaging approachâ€"position paper from the EACVI. European Heart Journal Cardiovascular Imaging, 2018, 19, 1077-1098.	1.2	71
38	The use of multimodality cardiovascular imaging to assess right ventricular size and function. International Journal of Cardiology, 2016, 214, 54-69.	1.7	67
39	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
40	Right atrial volume is a major determinant of tricuspid annulus area in functional tricuspid regurgitation: a three-dimensional echocardiographic study. European Heart Journal Cardiovascular Imaging, 2021, 22, 660-669.	1.2	65
41	EACVI appropriateness criteria for the use of transthoracic echocardiography in adults: a report of literature and current practice review. European Heart Journal Cardiovascular Imaging, 2017, 18, 1191-1204.	1.2	63
42	Current Clinical Applications of Transthoracic Three-Dimensional Echocardiography. Journal of Cardiovascular Imaging, 2012, 20, 1.	0.8	62
43	Development and prognostic validation of partition values to grade right ventricular dysfunction severity using 3D echocardiography. European Heart Journal Cardiovascular Imaging, 2020, 21, 10-21.	1.2	60
44	Evaluation of Tricuspid Valve Morphology and Function by Transthoracic Three-Dimensional Echocardiography. Current Cardiology Reports, 2011, 13, 242-249.	2.9	59
45	Quantitative Analysis of Mitral Annular Geometry and Function in Healthy Volunteers Using Transthoracic Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2014, 27, 846-857.	2.8	59
46	Non-invasive cardiovascular imaging for evaluating subclinical target organ damage in hypertensive patients. European Heart Journal Cardiovascular Imaging, 2017, 18, 945-960.	1.2	59
47	The Pathophysiological Link between Right Atrial Remodeling and Functional Tricuspid Regurgitation in Patients with Atrial Fibrillation: A Three-Dimensional Echocardiography Study. Journal of the American Society of Echocardiography, 2021, 34, 585-594.e1.	2.8	57
48	Clinical and echocardiographic correlations of exercise-induced pulmonary hypertension in systemic sclerosis: A multicenter study. American Heart Journal, 2013, 165, 200-207.	2.7	55
49	Physiologic Determinants of Left Atrial Longitudinal Strain: A Two-Dimensional Speckle-Tracking andÂThree-Dimensional Echocardiographic StudyÂin Healthy Volunteers. Journal of the American Society of Echocardiography, 2016, 29, 1023-1034.e3.	2.8	55
50	Assessment of aortic valve complex by three-dimensional echocardiography: a framework for its effective application in clinical practice. European Heart Journal Cardiovascular Imaging, 2012, 13, 541-555.	1.2	54
51	New Directions in Right Ventricular Assessment Using 3-Dimensional Echocardiography. JAMA Cardiology, 2019, 4, 936.	6.1	54
52	Normal Global Longitudinal Strain. JACC: Cardiovascular Imaging, 2020, 13, 167-169.	5.3	54
53	How to do right ventricular strain. European Heart Journal Cardiovascular Imaging, 2020, 21, 825-827.	1.2	52
54	Dynamic Changes in Tricuspid Annular Diameter Measurement in Relation to the Echocardiographic View and Timing during the Cardiac Cycle. Journal of the American Society of Echocardiography, 2015, 28, 226-235.	2.8	51

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55	Two-Dimensional Echocardiographic Right Ventricular Size and Systolic Function Measurements Stratified by Sex, Age, and Ethnicity: Results of the World Alliance of Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2021, 34, 1148-1157.e1.	2.8	51
56	Comparison Between Four-Chamber and Right Ventricularâ€“Focused Views for the Quantitative Evaluation of Right Ventricular Size and Function. Journal of the American Society of Echocardiography, 2019, 32, 484-494.	2.8	50
57	Quantification of the relative contribution of the different right ventricular wall motion components to right ventricular ejection fraction: the ReVISION method. Cardiovascular Ultrasound, 2017, 15, 8.	1.6	49
58	Right ventricular longitudinal strain in the clinical routine: a state-of-the-art review. European Heart Journal Cardiovascular Imaging, 2022, 23, 898-912.	1.2	49
59	Relative Prognostic Importance of Left and Right Ventricular Ejection Fraction in Patients With Cardiac Diseases. Journal of the American Society of Echocardiography, 2019, 32, 1407-1415.e3.	2.8	48
60	High Volume-Rate Three-Dimensional Stress Echocardiography to Assess Inducible Myocardial Ischemia: A Feasibility Study. Journal of the American Society of Echocardiography, 2010, 23, 628-635.	2.8	47
61	3D printing of normal and pathologic tricuspid valves from transthoracic 3D echocardiography data sets. European Heart Journal Cardiovascular Imaging, 2017, 18, 802-808.	1.2	47
62	Normal Values of Left Atrial Size and Function and the Impact of Age: Results of the World Alliance Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2022, 35, 154-164.e3.	2.8	47
63	Right heart chambers geometry and function in patients with the atrial and the ventricular phenotypes of functional tricuspid regurgitation. European Heart Journal Cardiovascular Imaging, 2022, 23, 930-940.	1.2	46
64	Ventricular Arrhythmias in Young Competitive Athletes: Prevalence, Determinants, and Underlying Substrate. Journal of the American Heart Association, 2018, 7, .	3.7	45
65	Morphologic Analysis of the Normal Right Ventricle Using Three-Dimensional Echocardiographyâ€“Derived Curvature Indices. Journal of the American Society of Echocardiography, 2018, 31, 614-623.	2.8	44
66	Prognostic validation of partition values for quantitative parameters to grade functional tricuspid regurgitation severity by conventional echocardiography. European Heart Journal Cardiovascular Imaging, 2021, 22, 155-165.	1.2	42
67	Prognostic value of right ventricular free wall longitudinal strain in a large cohort of outpatients with left-side heart disease. European Heart Journal Cardiovascular Imaging, 2020, 21, 1013-1021.	1.2	41
68	Multicentric Atrial Strain COmparison between Two Different Modalities: MASCOT HIT Study. Diagnostics, 2020, 10, 946.	2.6	39
69	Normal Values of Right Atrial Size and Function According to Age, Sex, and Ethnicity: Results of the World Alliance Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2021, 34, 286-300.	2.8	38
70	Left bundle branch block: from cardiac mechanics to clinical and diagnostic challenges. Europace, 2017, 19, 1251-1271.	1.7	35
71	First Clinical Experience With 3-Dimensional Echocardiographic Transillumination Rendering. JACC: Cardiovascular Imaging, 2019, 12, 1868-1871.	5.3	35
72	Intervendor Consistency and Accuracy of Left Ventricular Volume Measurements Using Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2018, 31, 158-168.e1.	2.8	33

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73	Advanced imaging of right ventricular anatomy and function. Heart, 2020, 106, 1469-1476.	2.9	33
74	Challenges and future perspectives of transcatheter tricuspid valve interventions: adopt old strategies or adapt to new opportunities?. European Journal of Heart Failure, 2022, 24, 442-454.	7.1	33
75	Left atrial dysfunction detected by speckle tracking in patients with systemic sclerosis. Cardiovascular Ultrasound, 2014, 12, 30.	1.6	32
76	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
77	Left ventricular torsional dynamics in aortic stenosis: relationship between left ventricular untwisting and filling pressures. A two-dimensional speckle tracking study. European Journal of Echocardiography, 2010, 11, 406-413.	2.3	31
78	Revisit of Functional Tricuspid Regurgitation; Current Trends in the Diagnosis and Management. Korean Circulation Journal, 2016, 46, 443.	1.9	31
79	THREE-DIMENSIONAL ECHOCARDIOGRAPHY ASSESSMENT OF THE SYSTOLIC VARIATION OF EFFECTIVE REGURGITANT ORIFICE AREA IN PATIENTS WITH FUNCTIONAL TRICUSPID REGURGITATION: IMPLICATIONS FOR QUANTIFICATION. Journal of the American College of Cardiology, 2016, 67, 1725.	2.8	31
80	Left Ventricular Diastolic Function in Healthy Adult Individuals: Results of the World Alliance Societies of Echocardiography Normal Values Study. Journal of the American Society of Echocardiography, 2020, 33, 1223-1233.	2.8	30
81	Normal Values of Cardiac Output and Stroke Volume According to Measurement Technique, Age, Sex, and Ethnicity: Results of the World Alliance of Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2021, 34, 1077-1085.e1.	2.8	30
82	Methodological approach for the assessment of ultrasound reproducibility of cardiac structure and function: a proposal of the study group of Echocardiography of the Italian Society of Cardiology (Ultra Cardia SIC) Part I. Cardiovascular Ultrasound, 2011, 9, 26.	1.6	28
83	Sources of variation and bias in assessing left ventricular volumes and dyssynchrony using three-dimensional echocardiography. International Journal of Cardiovascular Imaging, 2012, 28, 1357-1368.	1.5	28
84	Multimodality imaging in cardiology: a statement on behalf of the Task Force on Multimodality Imaging of the European Association of Cardiovascular Imaging. European Heart Journal, 2019, 40, 553-558.	2.2	27
85	Contraction Patterns of the Right Ventricle Associated with Different Degrees of Left Ventricular Systolic Dysfunction. Circulation: Cardiovascular Imaging, 2021, 14, e012774.	2.6	26
86	Cardiac resynchronization therapy by multipoint pacing improves response of left ventricular mechanics and fluid dynamics: a three-dimensional and particle image velocimetry echo study. Europace, 2017, 19, 1833-1840.	1.7	25
87	Relationship between mitral annulus function and mitral regurgitation severity and left atrial remodelling in patients with primary mitral regurgitation. European Heart Journal Cardiovascular Imaging, 2016, 17, 918-929.	1.2	23
88	Normal mitral annulus dynamics and its relationships with left ventricular and left atrial function. International Journal of Cardiovascular Imaging, 2015, 31, 279-290.	1.5	22
89	Training, competence, and quality improvement in echocardiography: the European Association of Cardiovascular Imaging Recommendations: update 2020. European Heart Journal Cardiovascular Imaging, 2020, 21, 1305-1319.	1.2	21
90	The Added Value of 3-Dimensional Echocardiography to Understand the Pathophysiology of Functional Tricuspid Regurgitation. JACC: Cardiovascular Imaging, 2021, 14, 683-689.	5.3	21

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91	Mitral valve anatomy and function. Journal of Cardiovascular Medicine, 2013, 14, 91-99.	1.5	20
92	Variability of Tricuspid Annulus Diameter Measurement in Healthy Volunteers. JACC: Cardiovascular Imaging, 2015, 8, 864-866.	5.3	20
93	Current Clinical Applications of Three-Dimensional Echocardiography: When the Technique Makes the Difference. Current Cardiology Reports, 2016, 18, 109.	2.9	19
94	Rational and design of EuroCRT: an international observational study on multi-modality imaging and cardiac resynchronization therapy. European Heart Journal Cardiovascular Imaging, 2017, 18, 1120-1127.	1.2	19
95	Regional shape, global function and mechanics in right ventricular volume and pressure overload conditions: a three-dimensional echocardiography study. International Journal of Cardiovascular Imaging, 2021, 37, 1289-1299.	1.5	19
96	Added Value of 3- Versus 2-Dimensional Echocardiography Left Ventricular Ejection Fraction to Predict ArrhythmicÂRisk in Patients With LeftÂVentricular Dysfunction. JACC: Cardiovascular Imaging, 2019, 12, 1917-1926.	5.3	17
97	Functional Tricuspid Regurgitation and Atrial Fibrillation: Which Comes First, the Chicken or the Egg?. Case, 2020, 4, 458-463.	0.3	17
98	Atrial Functional Tricuspid Regurgitation as a Distinct Pathophysiological and Clinical Entity: No Idiopathic Tricuspid Regurgitation Anymore. Journal of Clinical Medicine, 2022, 11, 382.	2.4	17
99	Normal Values of Aortic Root Size According to Age, Sex, and Race: Results of the World Alliance of Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2022, 35, 267-274.	2.8	15
100	Impact of correcting the 2D PISA method on the quantification of functional tricuspid regurgitation severity. European Heart Journal Cardiovascular Imaging, 2022, 23, 1459-1470.	1.2	15
101	Left ventricular shape and mass impact torsional dynamics in asymptomatic patients with chronic aortic regurgitation and normal left ventricular ejection fraction. International Journal of Cardiovascular Imaging, 2015, 31, 1315-1326.	1.5	14
102	Left Atrial Expansion Index for Noninvasive Estimation of Pulmonary Capillary Wedge Pressure: A Cardiac Catheterization Validation Study. Journal of the American Society of Echocardiography, 2021, 34, 1242-1252.	2.8	13
103	Normal Values of Left Ventricular Size and Function on Three-Dimensional Echocardiography: Results of the World Alliance Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2022, 35, 449-459.	2.8	13
104	Clinical and Prognostic Implications of Methods and Partition Values Used to Assess Left Atrial Volume by Two-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2017, 30, 1119-1129.	2.8	12
105	Three-dimensional echocardiography to assess left ventricular geometry and function. Expert Review of Cardiovascular Therapy, 2019, 17, 801-815.	1.5	12
106	The tale of functional tricuspid regurgitation: when atrial fibrillation is the villain. European Heart Journal Cardiovascular Imaging, 2020, 21, 1079-1081.	1.2	12
107	Automated left atrial volume measurement by two-dimensional speckle-tracking echocardiography: feasibility, accuracy, and reproducibility. European Heart Journal Cardiovascular Imaging, 2021, 23, 85-94.	1.2	12
108	Three-Dimensional Transthoracic Static and Dynamic Normative Values of the Mitral Valve Apparatus: Results from the Multicenter World Alliance Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2022, 35, 738-751.e1.	2.8	11

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109	Carcinoid tricuspid valve disease: incremental value of three-dimensional echocardiography. European Heart Journal Cardiovascular Imaging, 2012, 13, 329-329.	1.2	10
110	Echocardiographic Techniques of Deformation Imaging in the Evaluation of Maternal Cardiovascular System in Patients with Complicated Pregnancies. BioMed Research International, 2017, 2017, 1-10.	1.9	10
111	Physiological Determinants of LeftÂVentricular Mechanical Dispersion. JACC: Cardiovascular Imaging, 2018, 11, 650-651.	5.3	10
112	Comparison of mitral annulus geometry between patients with ischemic and non-ischemic functional mitral regurgitation: implications for transcatheter mitral valve implantation. Cardiovascular Ultrasound, 2018, 16, 27.	1.6	10
113	Isolated Anterior Mitral Valve Leaflet Cleft: 3D Transthoracic Echocardiography-Guided Surgical Strategy. Arquivos Brasileiros De Cardiologia, 2014, 104, e49-52.	0.8	10
114	22nd Annual Feigenbaum Lecture: Right Heart, Right Now: The Role of Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2022, 35, 893-909.	2.8	10
115	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
116	Global and regional right ventricular mechanics in repaired tetralogy of Fallot with chronic severe pulmonary regurgitation: a three-dimensional echocardiography study. Cardiovascular Ultrasound, 2021, 19, 28.	1.6	9
117	Tricuspid regurgitation in a patient with ascending aorta aneurysm. European Heart Journal Cardiovascular Imaging, 2016, 17, 1435-1435.	1.2	8
118	Subclinical Right Ventricular Dysfunction by Strain Analysis. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	8
119	Twist Mechanics of the Left Ventricle. Circulation: Cardiovascular Imaging, 2019, 12, e009085.	2.6	8
120	3-Dimensional Transesophageal Echocardiographic Assessment of Papillary Muscle Rupture Complicating Acute Myocardial Infarction. Journal of the American College of Cardiology, 2010, 56, e45.	2.8	7
121	La aurÃcula izquierda como entidad tridimensional dinÃ¡mica: consecuencias para la evaluaciÃ³n ecocardiogrÃ¡fica. Revista Espanola De Cardiologia, 2013, 66, 1-4.	1.2	7
122	Right Ventricular Geometry and Function in Pulmonary Hypertension: Non-Invasive Evaluation. Diseases (Basel, Switzerland), 2014, 2, 274-295.	2.5	7
123	3-D Echocardiography Is Feasible and More Reproducible than 2-D Echocardiography for In-Training Echocardiographers in Follow-up of Patients with Heart Failure with Reduced Ejection Fraction. Ultrasound in Medicine and Biology, 2021, 47, 499-510.	1.5	7
124	Multimodality cardiac imaging and new display options to broaden our understanding of the tricuspid valve. Current Opinion in Cardiology, 2021, 36, 513-524.	1.8	7
125	Recent advances in multimodality imaging of the tricuspid valve. Expert Review of Medical Devices, 2021, 18, 1069-1081.	2.8	7
126	How to assess severe tricuspid regurgitation by echocardiography?. European Heart Journal Cardiovascular Imaging, 2022, 23, 1273-1276.	1.2	7

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127	Quantitative Analysis of the Left Ventricle by Echocardiography in Daily Practice: As Simple as Possible, but Not Simpler. Journal of the American Society of Echocardiography, 2014, 27, 1025-1028.	2.8	6
128	Echocardiographic followâ€up after transcatheter aortic valve replacement. Echocardiography, 2017, 34, 267-278.	0.9	6
129	Atrial fibrillation is associated with large beat-to-beat variability in mitral and tricuspid annulus dimensions. European Heart Journal Cardiovascular Imaging, 2021, , .	1.2	6
130	Higher Ventricular-Arterial Coupling Derived from Three-Dimensional Echocardiography Is Associated with a Worse Clinical Outcome in Systemic Sclerosis. Pharmaceuticals, 2021, 14, 646.	3.8	6
131	Left atrial function: an overlooked metrics in clinical routine echocardiography. European Journal of Heart Failure, 2019, 21, 901-903.	7.1	5
132	The Importance and the Challenges ofÂPredicting the Progression of Functional Tricuspid Regurgitation. JACC: Cardiovascular Imaging, 2020, 13, 1652-1654.	5.3	5
133	Assessment of left ventricular diastolic function by threeâ€dimensional transthoracic echocardiography. Echocardiography, 2020, 37, 1951-1956.	0.9	5
134	New Myocardial Deformation by 2D Multi-layer Speckle-Tracking Analysis in Healthy Patients: Normal Reference Values and Their Physiologic Determinants. Ultrasound in Medicine and Biology, 2020, 46, 818-827.	1.5	5
135	Artificial Intelligence and Cardiovascular Imaging. A win-win Combination. Anatolian Journal of Cardiology, 2020, 24, 214-223.	0.9	5
136	Diastolic Mitral Regurgitation in 2:1 Atrioventricular Block: Insight of the Diastolic Pressure. Echocardiography, 2013, 30, E51-E52.	0.9	4
137	Role of Threeâ€Dimensional Echocardiography in Structural Complications after Acute Myocardial Infarction. Echocardiography, 2014, 31, E169-73.	0.9	4
138	Does atrial fibrillation affect the tricuspid annulus 3D geometry in patients without severe valve regurgitation?. European Heart Journal Cardiovascular Imaging, 2020, 21, 756-758.	1.2	4
139	Sex-, Age-, and Race-Related Normal Values of Right Ventricular Diastolic Function Parameters: Data from the World Alliance Societies of Echocardiography Study. Journal of the American Society of Echocardiography, 2022, 35, 426-434.	2.8	4
140	Shedding new light on the fascinating right heart. European Heart Journal Cardiovascular Imaging, 2022, 23, 863-866.	1.2	4
141	Towards an Integrated Echocardiographic Assessment of Valvular Mechanics by Three-Dimensional Volumetric Imaging. Journal of the American Society of Echocardiography, 2012, 25, 532-534.	2.8	3
142	Criteria for recommendation and expert consensus papers: from the European Association of Cardiovascular Imaging Scientific Documents Committee. European Heart Journal Cardiovascular Imaging, 2016, 17, 1098-1100.	1.2	3
143	Left ventricular pseudoaneurysm after transapical aortic valve-in-valve implantation: use of transthoracic 3D echocardiography for guiding therapeutic approach. European Heart Journal, 2016, 37, 1255-1255.	2.2	3
144	The Good, the Bad, and the Ugly of Using Left Ventricular Longitudinal Myocardial Deformation by Speckle-Tracking Echocardiography to Assess Patients After an Acute Myocardial Infarction. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	3

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145	EuroEcho-imaging 2017: highlights. European Heart Journal Cardiovascular Imaging, 2018, 19, 482-489.	1.2	3
146	Relation of Mitral Annulus and Left Atrial Dysfunction to the Severity of Functional Mitral Regurgitation in Patients with Dilated Cardiomyopathy. Cardiology Research and Practice, 2020, 2020, 1-11.	1.1	3
147	Do we need different threshold values to define normal left atrial size in different age groups? Another piece of the puzzle of left atrial remodelling with physiological ageing. European Heart Journal Cardiovascular Imaging, 2020, 21, 508-510.	1.2	3
148	Artificial intelligence and the promise of uplifting echocardiography. Heart, 2021, 107, 523-524.	2.9	3
149	Left atrial strain determinants and clinical features according to the heart failure stages. New insight from EACVI MASCOT registry. International Journal of Cardiovascular Imaging, 2022, 38, 2635-2644.	0.6	3
150	Atrioventricular Block in the Elderly. Journal of the American College of Cardiology, 2011, 57, 219.	2.8	2
151	European Association of Echocardiography: Research Grant Programme. European Heart Journal Cardiovascular Imaging, 2012, 13, 47-50.	1.2	2
152	The unbearable futility of deriving the left atrial size from a single-linear dimension. European Heart Journal Cardiovascular Imaging, 2013, 14, 711-713.	1.2	2
153	Eight years of the EACVI's grant programme: existing developments, impact, and steps forward: Table 1. European Heart Journal Cardiovascular Imaging, 2015, 16, 1178-1179.	1.2	2
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155	HIT communication paper: strategies and tips to increase your chances of winning an EACVI grant. European Heart Journal Cardiovascular Imaging, 2019, 20, 735-739.	1.2	2
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