Luigi P Badano

List of Publications by Year
in descending order

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397 papers	63,268 citations	6592 79 h-index	849 244 g-index
436 all docs	436 docs citations	436 times ranked	39662 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.	1.2	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.	0.5	5,352
3	2015 ESC/ERS Guidelines for the diagnosis and treatment of pulmonary hypertension. European Heart Journal, 2016, 37, 67-119.	1.0	5,074
4	ESC Guidelines for the management of acute myocardial infarction in patients presenting with ST-segment elevation. European Heart Journal, 2012, 33, 2569-2619.	1.0	5,034
5	Guidelines on the management of valvular heart disease (version 2012). European Heart Journal, 2012, 33, 2451-2496.	1.0	3,465
6	2013 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy. European Heart Journal, 2013, 34, 2281-2329.	1.0	2,176
7	2015 ESC Guidelines for the diagnosis and management of pericardial diseases. European Heart Journal, 2015, 36, 2921-2964.	1.0	1,768
8	Guidelines on the management of valvular heart disease (version 2012). European Journal of Cardio-thoracic Surgery, 2012, 42, S1-S44.	0.6	1,313
9	Recommendations for the echocardiographic assessment of native valvular regurgitation: an executive summary from the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2013, 14, 611-644.	0.5	1,298
10	European Association of Echocardiography recommendations for the assessment of valvular regurgitation. Part 2: mitral and tricuspid regurgitation (native valve disease). European Journal of Echocardiography, 2010, 11, 307-332.	2.3	1,237
11	Expert Consensus for Multimodality Imaging Evaluation of Adult Patients during and after Cancer Therapy: A Report from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. Journal of the American Society of Echocardiography, 2014, 27, 911-939.	1.2	1,051
12	Current and Evolving Echocardiographic Techniques for the Quantitative Evaluation of Cardiac Mechanics: ASE/EAE Consensus Statement on Methodology and Indications. Journal of the American Society of Echocardiography, 2011, 24, 277-313.	1.2	1,026
13	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.	0.5	891
14	Definitions for a Common Standard for 2D Speckle Tracking Echocardiography: Consensus Document of the EACVI/ASE/Industry Task Force to Standardize Deformation Imaging. Journal of the American Society of Echocardiography, 2015, 28, 183-193.	1.2	855
15	Definitions for a common standard for 2D speckle tracking echocardiography: consensus document of the EACVI/ASE/Industry Task Force to standardize deformation imaging. European Heart Journal Cardiovascular Imaging, 2015, 16, 1-11.	0.5	830
16	Current and Evolving Echocardiographic Techniques for the Quantitative Evaluation of Cardiac Mechanics: ASE/EAE Consensus Statement on Methodology and Indications Endorsed by the Japanese Society of Echocardiography. European Journal of Echocardiography, 2011, 12, 167-205.	2.3	796
17	EAE/ASE Recommendations for Image Acquisition and Display Using Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2012, 25, 3-46.	1.2	760
18	Expert consensus for multimodality imaging evaluation of adult patients during and after cancer therapy: a report from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2014, 15, 1063-1093.	0.5	739

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19	Efficacy and safety of tenecteplase in combination with enoxaparin, abciximab, or unfractionated heparin: the ASSENT-3 randomised trial in acute myocardial infarction. Lancet, The, 2001, 358, 605-613.	6.3	724
20	Head-to-Head Comparison of Global Longitudinal Strain Measurements among Nine Different Vendors. Journal of the American Society of Echocardiography, 2015, 28, 1171-1181.e2.	1.2	517
21	Multimodality Imaging of Diseases of the Thoracic Aorta in Adults: From the American Society of Echocardiography and the European Association of Cardiovascular Imaging. Journal of the American Society of Echocardiography, 2015, 28, 119-182.	1.2	500
22	Recommendations for the practice of echocardiography in infective endocarditis. European Journal of Echocardiography, 2010, 11, 202-219.	2.3	457
23	European Association of Echocardiography recommendations for the assessment of valvular regurgitation. Part 1: aortic and pulmonary regurgitation (native valve disease). European Journal of Echocardiography, 2010, 11, 223-244.	2.3	452
24	EAE/ASE Recommendations for Image Acquisition and Display Using Three-Dimensional Echocardiography. European Heart Journal Cardiovascular Imaging, 2012, 13, 1-46.	0.5	433
25	Clinical presentation, aetiology and outcome of infective endocarditis. Results of the ESC-EORP EURO-ENDO (European infective endocarditis) registry: a prospective cohort study. European Heart Journal, 2019, 40, 3222-3232.	1.0	421
26	Speckle-Tracking Echocardiography. Journal of Ultrasound in Medicine, 2011, 30, 71-83.	0.8	418
27	Left Atrial Structure and Function, and Left Ventricular Diastolic Dysfunction. Journal of the American College of Cardiology, 2019, 73, 1961-1977.	1.2	354
28	Echocardiographic reference ranges for normal cardiac chamber size: results from the NORRE study. European Heart Journal Cardiovascular Imaging, 2014, 15, 680-690.	0.5	324
29	European Association of Echocardiography recommendations for standardization of performance, digital storage and reporting of echocardiographic studies. European Journal of Echocardiography, 2008, 9, 438-448.	2.3	319
30	EAE/ASE recommendations for the use of echocardiography in new transcatheter interventions for valvular heart disease. European Heart Journal, 2011, 32, 2189-2214.	1.0	304
31	Expert Consensus for Multi-Modality Imaging Evaluation of Cardiovascular Complications of Radiotherapy in Adults: A Report from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. Journal of the American Society of Echocardiography, 2013, 26, 1013-1032.	1.2	303
32	The appropriate and justified use of medical radiation in cardiovascular imaging: a position document of the ESC Associations of Cardiovascular Imaging, Percutaneous Cardiovascular Interventions and Electrophysiology. European Heart Journal, 2014, 35, 665-672.	1.0	301
33	EAE/ASE Recommendations for the Use of Echocardiography in New Transcatheter Interventions for Valvular Heart Disease. Journal of the American Society of Echocardiography, 2011, 24, 937-965.	1.2	287
34	Expert consensus for multi-modality imaging evaluation of cardiovascular complications of radiotherapy in adults: a report from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. European Heart Journal Cardiovascular Imaging, 2013, 14, 721-740.	0.5	278
35	Recommendations for transoesophageal echocardiography: update 2010. European Journal of Echocardiography, 2010, 11, 557-576.	2.3	252
36	Echocardiographic reference ranges for normal left ventricular 2D strain: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2017, 18, 833-840.	0.5	228

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37	Echocardiographic reference ranges for normal non-invasive myocardial work indices: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2019, 20, 582-590.	0.5	204
38	The use of pocket-size imaging devices: a position statement of the European Association of Echocardiography. European Journal of Echocardiography, 2011, 12, 85-87.	2.3	200
39	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.	1.3	190
40	Fully Automated Versus Standard Tracking of Left Ventricular Ejection Fraction and Longitudinal Strain. Journal of the American College of Cardiology, 2015, 66, 1456-1466.	1.2	188
41	European Association of Echocardiography recommendations for training, competence, and quality improvement in echocardiography. European Journal of Echocardiography, 2009, 10, 893-905.	2.3	184
42	Echocardiographic reference ranges for normal cardiac Doppler data: results from the NORRE Study. European Heart Journal Cardiovascular Imaging, 2015, 16, 1031-41.	0.5	184
43	Ethnic-Specific Normative Reference Values for Echocardiographic LAÂand LV Size, LV Mass, and Systolic Function. JACC: Cardiovascular Imaging, 2015, 8, 656-665.	2.3	182
44	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.	0.5	180
45	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
46	Assessment of functional tricuspid regurgitation. European Heart Journal, 2013, 34, 1875-1885.	1.0	170
47	Sex- and Method-Specific Reference Values for Right Ventricular Strain by 2-Dimensional Speckle-Tracking Echocardiography. Circulation: Cardiovascular Imaging, 2016, 9, e003866.	1.3	169
48	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.	0.5	163
49	Echocardiographic reference ranges for normal left atrial function parameters: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2018, 19, 630-638.	0.5	159
50	Emergency echocardiography: the European Association of Cardiovascular Imaging recommendations. European Heart Journal Cardiovascular Imaging, 2013, 14, 1-11.	0.5	158
51	Intravenous NPA for the treatment of infarcting myocardium early. InTIME-II, a double-blind comparison of single-bolus lanoteplase vs accelerated alteplase for the treatment of patients with acute myocardial infarction. European Heart Journal, 2000, 21, 2005-2013.	1.0	154
52	Triage strategy for urgent management of cardiac tamponade: a position statement of the European Society of Cardiology Working Group on Myocardial and Pericardial Diseases. European Heart Journal, 2014, 35, 2279-2284.	1.0	154
53	Variability and Reproducibility of SegmentalÂLongitudinal Strain Measurement. JACC: Cardiovascular Imaging, 2018, 11, 15-24.	2.3	149
54	Evaluation of the tricuspid valve morphology and function by transthoracic real-time three-dimensional echocardiography. European Journal of Echocardiography, 2009, 10, 477-484.	2.3	145

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55	Three-dimensional speckle-tracking echocardiography: benefits and limitations of integrating myocardial mechanics with three-dimensional imaging. Cardiovascular Diagnosis and Therapy, 2018, 8, 101-117.	0.7	140
56	Left Atrial Volumes and Function by Three-Dimensional Echocardiography. Circulation: Cardiovascular Imaging, 2016, 9, .	1.3	138
57	Recommendations of the European Association of Echocardiography How to use echo-Doppler in clinical trials: different modalities for different purposes. European Journal of Echocardiography, 2011, 12, 339-353.	2.3	137
58	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.	0.5	132
59	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.	0.5	123
60	Multi-modality imaging assessment of native valvular regurgitation: an EACVI and ESC council of valvular heart disease position paper. European Heart Journal Cardiovascular Imaging, 2022, 23, e171-e232.	0.5	121
61	Specialty-related differences in the epidemiology, clinical profile, management and outcome of patients hospitalized for heart failure. The OSCUR study. European Heart Journal, 2001, 22, 596-604.	1.0	120
62	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.	1.2	118
63	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.	1.2	110
64	Evaluation of Left Atrial Size and Function: Relevance for Clinical Practice. Journal of the American Society of Echocardiography, 2020, 33, 934-952.	1.2	110
65	Impact of COVID-19 on exercise pathophysiology: a combined cardiopulmonary and echocardiographic exercise study. Journal of Applied Physiology, 2021, 130, 1470-1478.	1.2	106
66	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.	1.2	103
67	Focus cardiac ultrasound core curriculum and core syllabus of the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2018, 19, 475-481.	0.5	101
68	3-Dimensional Echocardiography in Imaging the Tricuspid Valve. JACC: Cardiovascular Imaging, 2019, 12, 500-515.	2.3	99
69	3-Dimensional Echocardiographic AnalysisÂof the Tricuspid Annulus ProvidesÂNew Insights Into TricuspidÂValveÂGeometry and Dynamics. JACC: Cardiovascular Imaging, 2019, 12, 401-412.	2.3	97
70	Left Atrial Dysfunction as a Correlate of Heart Failure Symptoms in Hypertrophic Cardiomyopathy. Journal of the American Society of Echocardiography, 2010, 23, 1090-1098.	1.2	94
71	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.	1.2	94
72	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.	0.5	93

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73	Intervendor Differences in the AccuracyÂofÂDetecting Regional FunctionalÂAbnormalities. JACC: Cardiovascular Imaging, 2018, 11, 25-34.	2.3	93
74	Heterogeneity of left ventricular remodeling after acute myocardial infarction: Results of the Gruppo Italiano per lo Studio della Sopravvivenza nellâ€™Infarto Miocardico-3 Echo Substudy. American Heart Journal, 2001, 141, 131-138.	1.2	92
75	Normal Reference Ranges for Echocardiography: rationale, study design, and methodology (NORRE) Tj ETQq1 1 0.784314 rgBT /Overl	0.5	91
76	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.	0.5	89
77	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.	0.5	84
78	Infective endocarditis in chronic haemodialysis patients: an increasing clinical challenge. European Heart Journal, 2007, 28, 2307-2312.	1.0	83
79	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.	0.4	81
80	Two-dimensional transthoracic echocardiographic normal reference ranges for proximal aorta dimensions: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2017, 18, 167-179.	0.5	81
81	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.	2.9	76
82	Morphological Assessment of the Tricuspid Apparatus and Grading Regurgitation Severity in Patients With Functional Tricuspid Regurgitation. JACC: Cardiovascular Imaging, 2019, 12, 652-664.	2.3	76
83	How to do LA strain. European Heart Journal Cardiovascular Imaging, 2020, 21, 715-717.	0.5	76
84	EAE/ASE recommendations for the use of echocardiography in new transcatheter interventions for valvular heart disease. European Journal of Echocardiography, 2011, 12, 557-584.	2.3	75
85	Relation of right ventricular morphology and function in pectus excavatum to the severity of the chest wall deformity. American Journal of Cardiology, 1995, 76, 941-946.	0.7	74
86	3D echocardiographic reference ranges for normal left ventricular volumes and strain: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2017, 18, 475-483.	0.5	74
87	Haemodynamic characteristics of <scp>COVID</scp>â€19 patients with acute respiratory distress syndrome requiring mechanical ventilation. An invasive assessment using right heart catheterization. European Journal of Heart Failure, 2020, 22, 2228-2237.	2.9	74
88	Tricuspid regurgitation: recent advances in understanding pathophysiology, severity grading and outcome. European Heart Journal Cardiovascular Imaging, 2022, 23, 913-929.	0.5	73
89	Pulmonary congestion evaluated by lung ultrasound predicts decompensation in heart failure outpatients. International Journal of Cardiology, 2017, 240, 271-278.	0.8	71
90	Prevalence, clinical characteristics, quality of life, and prognosis of patients with congestive heart failure and isolated left ventricular diastolic dysfunction. Journal of the American Society of Echocardiography, 2004, 17, 253-261.	1.2	68

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91	The use of multimodality cardiovascular imaging to assess right ventricular size and function. International Journal of Cardiology, 2016, 214, 54-69.	0.8	67
92	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.	0.5	65
93	EACVI-ASE-industry initiative to standardize deformation imaging: a brief update from the co-chairs. European Heart Journal Cardiovascular Imaging, 2013, 14, 1039-1040.	0.5	64
94	Two-dimensional speckle tracking echocardiography: standardization efforts based on synthetic ultrasound data. European Heart Journal Cardiovascular Imaging, 2016, 17, 693-701.	0.5	63
95	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.	0.5	63
96	Correlation between non-invasive myocardial work indices and main parameters of systolic and diastolic function: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2020, 21, 533-541.	0.5	63
97	Current Clinical Applications of Transthoracic Three-Dimensional Echocardiography. Journal of Cardiovascular Imaging, 2012, 20, 1.	0.8	62
98	Comparison of Feasibility, Accuracy, and Reproducibility of Layer-Specific Global Longitudinal Strain Measurements Among Five Different Vendors: A Report from the EACVI-ASE Strain Standardization Task Force. Journal of the American Society of Echocardiography, 2018, 31, 374-380.e1.	1.2	62
99	Comparison of Early Dobutamine Stress Echocardiography and Exercise Electrocardiographic Testing for Management of Patients Presenting to the Emergency Department With Chest Pain. American Journal of Cardiology, 2007, 100, 1068-1073.	0.7	60
100	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.	0.5	60
101	Evaluation of Tricuspid Valve Morphology and Function by Transthoracic Three-Dimensional Echocardiography. Current Cardiology Reports, 2011, 13, 242-249.	1.3	59
102	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.	1.2	59
103	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.	1.2	57
104	Clinical and echocardiographic correlations of exercise-induced pulmonary hypertension in systemic sclerosis: A multicenter study. American Heart Journal, 2013, 165, 200-207.	1.2	55
105	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.	1.2	55
106	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.	0.5	54
107	New Directions in Right Ventricular Assessment Using 3-Dimensional Echocardiography. JAMA Cardiology, 2019, 4, 936.	3.0	54
108	The ESC-EORP EURO-ENDO (European Infective Endocarditis) registry. European Heart Journal Quality of Care & Clinical Outcomes, 2019, 5, 202-207.	1.8	53

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109	How many patients would be misclassified using M-mode and two-dimensional estimates of left atrial size instead of left atrial volume? A three-dimensional echocardiographic study. Journal of Cardiovascular Medicine, 2008, 9, 476-484.	0.6	52
110	Relations between professional medical associations and the health-care industry, concerning scientific communication and continuing medical education: a Policy Statement from the European Society of Cardiology. European Heart Journal, 2012, 33, 666-674.	1.0	52
111	How to do right ventricular strain. European Heart Journal Cardiovascular Imaging, 2020, 21, 825-827.	0.5	52
112	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.	1.2	51
113	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.	1.2	50
114	Laser heater commissioning at an externally seeded free-electron laser. Physical Review Special Topics: Accelerators and Beams, 2014, 17, .	1.8	49
115	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.	0.5	49
116	Multimodality imaging evaluation of Chagas disease: an expert consensus of Brazilian Cardiovascular Imaging Department (DIC) and the European Association of Cardiovascular Imaging (EACVI). European Heart Journal Cardiovascular Imaging, 2018, 19, 459-460n.	0.5	48
117	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.	1.2	48
118	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.	1.2	47
119	3D printing of normal and pathologic tricuspid valves from transthoracic 3D echocardiography data sets. European Heart Journal Cardiovascular Imaging, 2017, 18, 802-808.	0.5	47
120	Improved workflow, sonographer productivity, and cost-effectiveness of echocardiographic service for inpatients by using miniaturized systems. European Journal of Echocardiography, 2009, 10, 537-542.	2.3	46
121	Updated standards and processes for accreditation of echocardiographic laboratories from The European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2014, 15, 717-727.	0.5	46
122	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.	0.5	46
123	The impact of high-normal blood pressure on left ventricular mechanics: a three-dimensional and speckle tracking echocardiography study. International Journal of Cardiovascular Imaging, 2014, 30, 699-711.	0.7	45
124	Ventricular Arrhythmias in Young Competitive Athletes: Prevalence, Determinants, and Underlying Substrate. Journal of the American Heart Association, 2018, 7, .	1.6	45
125	Electrocardiographic evolutionary changes and left ventricular remodeling after acute myocardial infarction11The Investigators and Institutions participating in the GISSI-3 Echo Substudy are listed in the Appendix.. Journal of the American College of Cardiology, 2000, 35, 127-135.	1.2	44
126	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.	1.2	44

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127	Left ventricular myocardial function in myotonic dystrophy. American Journal of Cardiology, 1993, 71, 987-991.	0.7	43
128	Unmasking the prevalence of amyloid cardiomyopathy in the real world: results from Phase 2 of the <scp>ACâ€TIVE</scp> study, an <scp>Italian nationwide survey</scp>. European Journal of Heart Failure, 2022, 24, 1377-1386.	2.9	43
129	Overview of mitral regurgitation in Europe: results from the European Registry of mitral regurgitation (EuMiClip). European Heart Journal Cardiovascular Imaging, 2018, 19, 503-507.	0.5	42
130	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.	0.5	42
131	Validation of an echo-Doppler decision model to predict left ventricular filling pressure in patients with heart failure independently of ejection fraction. European Journal of Echocardiography, 2010, 11, 703-710.	2.3	41
132	Appropriateness criteria for the use of cardiovascular imaging in heart valve disease in adults: a European Association of Cardiovascular Imaging report of literature review and current practice. European Heart Journal Cardiovascular Imaging, 2017, 18, 489-498.	0.5	41
133	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.	0.5	41
134	Left ventricular electromechanical delay in patients with heart failure and normal QRS duration and in patients with right and left bundle branch block. Europace, 2007, 9, 41-47.	0.7	40
135	Cleft-like indentations in myxomatous mitral valves by three-dimensional echocardiographic imaging. Heart, 2015, 101, 1111-1117.	1.2	40
136	The role of antibody responses against glycans in bioprosthetic heart valve calcification and deterioration. Nature Medicine, 2022, 28, 283-294.	15.2	40
137	Severe Tricuspid Regurgitation Due to Entrapment of the Anterior Leaflet of the Valve by a Permanent Pacemaker Lead: Role of Real Time Three-Dimensional Echocardiography. Echocardiography, 2007, 24, 649-652.	0.3	39
138	Pulmonary Embolism and Fever. Circulation, 2007, 115, e173-6.	1.6	38
139	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.	1.2	38
140	Head-to-head comparison of real-time three-dimensional transthoracic echocardiography with transthoracic and transesophageal two-dimensional contrast echocardiography for the detection of patent foramen ovale. European Journal of Echocardiography, 2010, 11, 245-249.	2.3	37
141	Left bundle branch block: from cardiac mechanics to clinical and diagnostic challenges. Europace, 2017, 19, 1251-1271.	0.7	35
142	First Clinical Experience With 3-Dimensional Echocardiographic Transillumination Rendering. JACC: Cardiovascular Imaging, 2019, 12, 1868-1871.	2.3	35
143	The Incremental Prognostic Value of Echocardiography in Asymptomatic Stage A Heart Failure. Journal of the American Society of Echocardiography, 2010, 23, 1025-1034.	1.2	34
144	A meta-analysis of echocardiographic measurements of the left heart for the development of normative reference ranges in a large international cohort: the EchoNoRMAL study. European Heart Journal Cardiovascular Imaging, 2014, 15, 341-348.	0.5	34

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145	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.	1.2	33
146	Advanced imaging of right ventricular anatomy and function. Heart, 2020, 106, 1469-1476.	1.2	33
147	Echocardiographic assessment of the tricuspid and pulmonary valves: a practical guideline from the British Society of Echocardiography. Echo Research and Practice, 2020, 7, G95-G122.	0.6	33
148	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.	2.9	33
149	Appropriateness criteria for cardiovascular imaging use in clinical practice: a position statement of the ESC/EACVI taskforce. European Heart Journal Cardiovascular Imaging, 2014, 15, 477-482.	0.5	32
150	Left atrial dysfunction detected by speckle tracking in patients with systemic sclerosis. Cardiovascular Ultrasound, 2014, 12, 30.	0.5	32
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