

Roberto M Lang

List of Publications by Year in descending order

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Version: 2024-02-01

299
papers

51,128
citations

9264

74
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1461

220
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304
all docs

304
docs citations

304
times ranked

32777
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommended Standards for the Performance of Transesophageal Echocardiographic Screening for Structural Heart Intervention: From the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 1-76.	2.8	95
2	Normal Values of Left Atrial Size and Function and the Impact of Age: Results of the World Alliance Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 154-164.e3.	2.8	47
3	Utility of transillumination and transparency renderings in 3D transthoracic imaging. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 141-147.	1.5	2
4	Can echocardiographic assessment of diastolic function be automated?. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 965-974.	1.5	3
5	Restoring Sinus Rhythm Reverses Cardiac Remodeling and Reduces Valvular Regurgitation in Patients With Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2022, 79, 951-961.	2.8	55
6	Three-Dimensional Transthoracic Static and Dynamic Normative Values of the Mitral Valve Apparatus: Results from the Multicenter World Alliance Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 738-751.e1.	2.8	11
7	Normal Values of Left Ventricular Size and Function on Three-Dimensional Echocardiography: Results of the World Alliance Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 449-459.	2.8	13
8	Takotsubo Syndrome from COVID-19 Infection. <i>Journal of the American Society of Echocardiography</i> , 2022, , .	2.8	1
9	A Novel Approach for Semiautomated Three-Dimensional Quantification of Mitral Regurgitant Volume Reflects a More Physiologic Approach to Mitral Regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 940-946.	2.8	4
10	Normal Values of Right Atrial Size and Function According to Age, Sex, and Ethnicity: Results of the World Alliance Societies of Echocardiography Study. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 286-300.	2.8	38
11	A New Strategy for Left Ventricular Assist Device Outflow Graft Interrogation Using Ultrasound Contrast. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 445-447.	2.8	1
12	Right atrial volume is a major determinant of tricuspid annulus area in functional tricuspid regurgitation: a three-dimensional echocardiographic study. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 660-669.	1.2	65
13	Short-Term Ventricular Structural Changes Following Left Ventricular Assist Device Implantation. <i>ASAIO Journal</i> , 2021, 67, 169-176.	1.6	3
14	Visualization of Number of Tricuspid Valve Leaflets Using Three-Dimensional Transthoracic Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 449-450.	2.8	7
15	Quantifying Right Ventricular Fibrosis Burden Using 3D Strain. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1321-1323.	5.3	1
16	Use of Machine Learning to Improve Echocardiographic Image Interpretation Workflow: A Disruptive Paradigm Change?. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 443-445.	2.8	14
17	Prospective Evaluation of Transseptal TMVR for Failed Surgical Bioprostheses. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 859-872.	2.9	44
18	Deep Learning-Based Automated Echocardiographic Quantification of Left Ventricular Ejection Fraction: A Point-of-Care Solution. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012293.	2.6	32

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19	Beat-to-beat variability occurs not only in atrial fibrillation: clinical value of dynamic assessment of the mitral and tricuspid annulus. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, , .	1.2	0
20	World Alliance Societies of Echocardiography Define Normality in Chamber Quantification, Not Disease or Risk of Death. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 803-804.	2.8	0
21	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. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 1148-1157.e1.	2.8	51
22	Impact of physiological pacing on functional mitral regurgitation in systolic dysfunction: Initial echocardiographic remodeling findings after His bundle pacing. <i>Heart Rhythm O2</i> , 2021, 2, 446-454.	1.7	7
23	Biventricular Pacing Versus Right Ventricular Pacing in Patients Supported With LVAD. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 1003-1009.	3.2	11
24	Comparison of clinical and echocardiographic features of first and second waves of COVID-19 at a large, tertiary medical center serving a predominantly African American patient population. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 3181-3190.	1.5	5
25	Three-Dimensional Echocardiographic Left Atrial Appendage Volumetric Analysis. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 987-995.	2.8	2
26	Feasibility and Accuracy of the Automated Software for Dynamic Quantification of Left Ventricular and Atrial Volumes and Function in a Large Unselected Population. <i>Journal of Clinical Medicine</i> , 2021, 10, 5030.	2.4	4
27	Quantitative detection of changes in regional wall motion using real time strain-encoded cardiovascular magnetic resonance. <i>Magnetic Resonance Imaging</i> , 2020, 66, 193-198.	1.8	2
28	Three-dimensional echocardiography investigation of the mechanisms of tricuspid annular dilatation. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 33-43.	1.5	8
29	Correlation between non-invasive myocardial work indices and main parameters of systolic and diastolic function: results from the EACVI NORRE study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 533-541.	1.2	63
30	Myocardial Tissue Characterization With CMR for the Definitive Diagnosis of Infiltrative Cardiomyopathies. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 156-162.	5.3	2
31	Contrast-enhanced echocardiographic measurement of longitudinal strain: accuracy and its relationship with image quality. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 431-439.	1.5	5
32	Measurement errors in serial echocardiographic assessments of aortic valve stenosis severity. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 471-479.	1.5	14
33	Virtual Reality Analysis of Three-Dimensional Echocardiographic and Cardiac Computed Tomographic Data Sets. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1306-1315.	2.8	15
34	Improved Delineation of Cardiac Pathology Using a Novel Three-Dimensional Echocardiographic Tissue Transparency Tool. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1316-1323.	2.8	31
35	Refining Severe Tricuspid Regurgitation Definition by Echocardiography with a New Outcomes-Based "Massive" Grade. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1087-1094.	2.8	33
36	Myocardial strain analysis of the right ventricle: comparison of different cardiovascular magnetic resonance and echocardiographic techniques. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 51.	3.3	23

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37	Guided by the Light—Transillumination of a Paravalvular Leak. <i>JAMA Cardiology</i> , 2020, 5, e203260.	6.1	5
38	Pathoanatomy of Mitral Regurgitation. <i>Structural Heart</i> , 2020, 4, 254-263.	0.6	4
39	Prevalence of Clinically Important Abnormalities Found on Transthoracic Echocardiography Ordered for Indication of Heart Murmur Found on Physical Examination. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 900-901.	2.8	4
40	Stabbed Through the Heart. <i>JACC: Case Reports</i> , 2020, 2, 559-564.	0.6	4
41	The Quest to Better Quantitate Tricuspid Regurgitation. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1472-1474.	5.3	0
42	Advanced imaging of right ventricular anatomy and function. <i>Heart</i> , 2020, 106, 1469-1476.	2.9	33
43	Echocardiographic reference ranges for normal left ventricular layer-specific strain: results from the EACVI NORRE study. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 896-905.	1.2	29
44	Progression of aortic stenosis and echocardiographic criteria for its severity. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 737-743.	1.2	15
45	Roadmap to the Mechanisms of Aortic Regurgitation on Echocardiography. <i>JACC: Case Reports</i> , 2020, 2, 1589-1594.	0.6	1
46	Peak left atrial strain as a single measure for the non-invasive assessment of left ventricular filling pressures. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 23-32.	1.5	94
47	The Evolution of Three-Dimensional Echocardiography: From the Initial Concept to Real-Time Imaging. , 2019, , 1-8.		0
48	Echocardiography and cardiovascular magnetic resonance based evaluation of myocardial strain and relationship with late gadolinium enhancement. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 46.	3.3	54
49	The Normal Mitral Valve. , 2019, , 87-105.		0
50	Impact of Severe Pulmonary Arterial Hypertension on the Left Heart and Prognostic Implications. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1128-1137.	2.8	20
51	2019 ACC/AHA/ASE Key Data Elements and Definitions for Transthoracic Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1161-1248.	2.8	8
52	2019 ACC/AHA/ASE Key Data Elements and Definitions for Transthoracic Echocardiography. <i>Journal of the American College of Cardiology</i> , 2019, 74, 403-469.	2.8	18
53	Similarities and Differences in Left Ventricular Size and Function among Races and Nationalities: Results of the World Alliance Societies of Echocardiography Normal Values Study. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1396-1406.e2.	2.8	110
54	Automated Echocardiographic Quantification of Left Ventricular Ejection Fraction Without Volume Measurements Using a Machine Learning Algorithm Mimicking a Human Expert. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009303.	2.6	110

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55	Automated, machine learning-based, 3D echocardiographic quantification of left ventricular mass. <i>Echocardiography</i> , 2019, 36, 312-319.	0.9	37
56	Parent-of-origin effects on quantitative phenotypes in a large Hutterite pedigree. <i>Communications Biology</i> , 2019, 2, 28.	4.4	20
57	Comparison Between Four-Chamber and Right Ventricular Focused Views for the Quantitative Evaluation of Right Ventricular Size and Function. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 484-494.	2.8	50
58	Importance of the Left Atrium. <i>Heart Failure Clinics</i> , 2019, 15, 191-204.	2.1	23
59	On-treatment comparison between corrective His bundle pacing and biventricular pacing for cardiac resynchronization: A secondary analysis of the His-SYNC Pilot Trial. <i>Heart Rhythm</i> , 2019, 16, 1797-1807.	0.7	155
60	2019 ACC/AHA/ASE Key Data Elements and Definitions for Transthoracic Echocardiography: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Data Standards (Writing Committee to Develop Clinical Data Standards for Transthoracic) <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1067-1107.	10.6	5037
61	Machine Learning-Based Three-Dimensional Echocardiographic Quantification of Right Ventricular Size and Function: Validation Against Cardiac Magnetic Resonance. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 969-977.	2.8	76
62	Hemodynamic impact of coronary stenosis using computed tomography: comparison between noninvasive fractional flow reserve and 3D fusion of coronary angiography with stress myocardial perfusion. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1733-1743.	1.5	4
63	3D echocardiographic global longitudinal strain can identify patients with mildly-to-moderately reduced ejection fraction at higher cardiovascular risk. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1573-1579.	1.5	5
64	First Clinical Experience With 3-Dimensional Echocardiographic Transillumination Rendering. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1868-1871.	5.3	35
65	Asymmetric Calcification in Rheumatic Mitral Stenosis and Implications for Balloon Valvuloplasty. <i>JACC: Case Reports</i> , 2019, 1, 493-494.	0.6	0
66	Outflow Cannula Systolic Slope in Patients With Left Ventricular Assist Devices: A Novel Marker of Myocardial Contractility. <i>ASAIO Journal</i> , 2019, 65, 160-166.	1.6	3
67	Aortic root changes before and after surgery for chronic aortic dilatation: A 3D echocardiographic study. <i>Echocardiography</i> , 2019, 36, 376-385.	0.9	3
68	Echocardiographic reference ranges for normal non-invasive myocardial work indices: results from the EACVI NORRE study. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 582-590.	1.2	204
69	Echocardiographic Assessment of the Tricuspid Annulus: The Effects of the Third Dimension and Measurement Methodology. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 238-247.	2.8	23
70	Echocardiographic Changes in Patients Implanted With a Fully Magnetically Levitated Left Ventricular Assist Device (Heartmate 3). <i>Journal of Cardiac Failure</i> , 2019, 25, 36-43.	1.7	14
71	Regression of Cardiac Amyloidosis Following Autologous Stem Cell Transplant in Patients With Atypical Magnetic Resonance Imaging Findings. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 790-792.	0.6	0
72	A histopathologic schema to quantify the burden of cardiac amyloidosis: Relationship with survival and echocardiographic parameters. <i>Echocardiography</i> , 2019, 36, 285-291.	0.9	7

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73	Machine learning based automated dynamic quantification of left heart chamber volumes. European Heart Journal Cardiovascular Imaging, 2019, 20, 541-549.	1.2	59
74	The answer lies in the third dimension. European Heart Journal Cardiovascular Imaging, 2019, 20, 232-232.	1.2	0
75	Need for a Global Definition of Normative Echo Values—Rationale and Design of the World Alliance of Societies of Echocardiography Normal Values Study (WASE). Journal of the American Society of Echocardiography, 2019, 32, 157-162.e2.	2.8	51
76	3-Dimensional Echocardiographic Analysis of the Tricuspid Annulus Provides New Insights Into Tricuspid Valve Geometry and Dynamics. JACC: Cardiovascular Imaging, 2019, 12, 401-412.	5.3	97
77	Routine Assessment of the Left Ventricle. , 2019, , 53-71.		1
78	Advanced Assessment of the Left Ventricle. , 2019, , 73-86.		0
79	Degenerative Mitral Regurgitation. , 2019, , 127-143.		1
80	An insidious and deadly complication of mechanical chest compressions in a patient on anticoagulation and the subtle echocardiographic findings that enabled timely diagnosis. Echocardiography, 2018, 35, 743-746.	0.9	1
81	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
82	Feasibility of Left Ventricular Global Longitudinal Strain Measurements from Contrast-Enhanced Echocardiographic Images. Journal of the American Society of Echocardiography, 2018, 31, 297-303.	2.8	10
83	3D Morphological Changes in LV and RV During LVAD Ramp Studies. JACC: Cardiovascular Imaging, 2018, 11, 159-169.	5.3	62
84	Three-dimensional echocardiographic quantification of the left-heart chambers using an automated adaptive analytics algorithm: multicentre validation study. European Heart Journal Cardiovascular Imaging, 2018, 19, 47-58.	1.2	91
85	Invasive Validation of the Echocardiographic Assessment of Left Ventricular Filling Pressures Using the 2016 Diastolic Guidelines: Head-to-Head Comparison with the 2009 Guidelines. Journal of the American Society of Echocardiography, 2018, 31, 79-88.	2.8	102
86	The Trileaflet Mitral Valve. American Journal of Cardiology, 2018, 121, 513-519.	1.6	14
87	Frequency of Inverted Electrocardiographic T Waves (Cerebral T Waves) in Patients With Acute Strokes and Their Relation to Left Ventricular Wall Motion Abnormalities. American Journal of Cardiology, 2018, 121, 120-124.	1.6	20
88	2D and 3D Echocardiography-Derived Indices of Left Ventricular Function and Shape. JACC: Cardiovascular Imaging, 2018, 11, 1569-1579.	5.3	60
89	Echocardiographic changes with non-invasive ventilation and CPAP in obesity hypoventilation syndrome. Thorax, 2018, 73, 361-368.	5.6	54
90	3-Dimensional Echocardiography. JACC: Cardiovascular Imaging, 2018, 11, 1854-1878.	5.3	73

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91	Load Dependency of Left Atrial Strain in Normal Subjects. Journal of the American Society of Echocardiography, 2018, 31, 1221-1228.	2.8	44
92	Activin A and Late Postpartum Cardiac Dysfunction Among Women With Hypertensive Disorders of Pregnancy. Hypertension, 2018, 72, 188-193.	2.7	33
93	Residual native left ventricular function optimization using quantitative 3D echocardiographic assessment of rotational mechanics in patients with left ventricular assist devices. Echocardiography, 2018, 35, 1606-1615.	0.9	6
94	Diagnosis of Isolated Cleft Mitral Valve Using Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2018, 31, 1161-1167.	2.8	23
95	Three-Dimensional Echocardiography for Evaluation of the Right Ventricle—Updates on Image Acquisition and Analysis. Current Cardiovascular Imaging Reports, 2018, 11, 1.	0.6	1
96	Decoding the Right Ventricle in 3 Dimensions. JAMA Cardiology, 2018, 3, 910.	6.1	4
97	Tricuspid regurgitation progression and regression in pulmonary arterial hypertension: implications for right ventricular and tricuspid valve apparatus geometry and patients outcome. European Heart Journal Cardiovascular Imaging, 2017, 18, 86-94.	1.2	61
98	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.	1.2	81
99	Reproducibility and experience dependence of echocardiographic indices of left ventricular function: Side-by-side comparison of global longitudinal strain and ejection fraction. Echocardiography, 2017, 34, 365-370.	0.9	43
100	Echocardiographic reference ranges for normal left ventricular 2D strain: results from the EACVI NORRE study. European Heart Journal Cardiovascular Imaging, 2017, 18, 833-840.	1.2	228
101	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.	1.2	74
102	Association of circulating transcriptomic profiles with mortality in sickle cell disease. Blood, 2017, 129, 3009-3016.	1.4	22
103	3D echocardiographic analysis of aortic annulus for transcatheter aortic valve replacement using novel aortic valve quantification software: Comparison with computed tomography. Echocardiography, 2017, 34, 690-699.	0.9	25
104	Recommendations for Noninvasive Evaluation of Native Valvular Regurgitation. Journal of the American Society of Echocardiography, 2017, 30, 303-371.	2.8	2,269
105	LA Strain for Categorization of LV Diastolic Dysfunction. JACC: Cardiovascular Imaging, 2017, 10, 735-743.	5.3	299
106	Multi-parametric quantification of tricuspid regurgitation using cardiovascular magnetic resonance: A comparison to echocardiography. European Journal of Radiology, 2017, 86, 213-220.	2.6	13
107	Quantification of Right Ventricular Size and Function from Contrast-Enhanced Three-Dimensional Echocardiographic Images. Journal of the American Society of Echocardiography, 2017, 30, 1193-1202.	2.8	25
108	Feasibility and Accuracy of Automated Software for Transthoracic Three-Dimensional Left Ventricular Volume and Function Analysis: Comparisons with Two-Dimensional Echocardiography, Three-Dimensional Transthoracic Manual Method, and Cardiac Magnetic Resonance Imaging. Journal of the American Society of Echocardiography, 2017, 30, 1049-1058.	2.8	70

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109	Reporting of three-dimensional echocardiography-derived left ventricular volumes comes of age. Archives of Cardiovascular Diseases, 2017, 110, 577-579.	1.6	1
110	Three-Dimensional Echocardiographic Automated Quantification of Left Heart Chamber Volumes Using an Adaptive Analytics Algorithm: Feasibility and Impact of Image Quality in Nonselected Patients. Journal of the American Society of Echocardiography, 2017, 30, 879-885.	2.8	59
111	Atrial-focused views improve the accuracy of two-dimensional echocardiographic measurements of the left and right atrial volumes: a contribution to the increase in normal values in the guidelines update. International Journal of Cardiovascular Imaging, 2017, 33, 209-218.	1.5	24
112	Transapical Access for Percutaneous Mitral Paravalvular Leak Repair. Structural Heart, 2017, 1, 121-128.	0.6	0
113	Aortic Valve Replacement for Moderate Aortic Stenosis with Severe Calcification and Left Ventricular Dysfunction—A Case Report and Review of the Literature. Frontiers in Cardiovascular Medicine, 2017, 4, 14.	2.4	2
114	3D Echocardiography. , 2017, , 18-36.		0
115	Genome-Wide Analysis Identifies IL-18 and FUCA2 as Novel Genes Associated with Diastolic Function in African Americans with Sickle Cell Disease. PLoS ONE, 2016, 11, e0163013.	2.5	11
116	Transthoracic 3D Echocardiographic Left Heart Chamber Quantification Using an Automated Adaptive Analytics Algorithm. JACC: Cardiovascular Imaging, 2016, 9, 769-782.	5.3	171
117	Continuing Medical Education Activity in <i>Echocardiography</i>. Echocardiography, 2016, 33, 695-695.	0.9	0
118	Elongation of chordae tendineae as an adaptive process to reduce mitral regurgitation in functional mitral regurgitation. European Heart Journal Cardiovascular Imaging, 2016, 17, 500-509.	1.2	24
119	Segmentation of the left ventricular endocardium from magnetic resonance images by using different statistical shape models. Journal of Electrocardiology, 2016, 49, 383-391.	0.9	9
120	Integrated analyses of gene expression and genetic association studies in a founder population. Human Molecular Genetics, 2016, 25, 2104-2112.	2.9	18
121	Circulating Antiangiogenic Factors and Myocardial Dysfunction in Hypertensive Disorders of Pregnancy. Hypertension, 2016, 67, 1273-1280.	2.7	57
122	Cumulative Burden of Myocardial Dysfunction in Cardiac Amyloidosis Assessed Using Four-Chamber Cardiac Strain. Journal of the American Society of Echocardiography, 2016, 29, 1092-1099.e2.	2.8	22
123	Improved detection of myocardial damage in sarcoidosis using longitudinal strain in patients with preserved left ventricular ejection fraction. Echocardiography, 2016, 33, 1344-1352.	0.9	53
124	Screening for Outflow Cannula Malfunction of Left Ventricular Assist Devices (LVADs) With the Use of Doppler Echocardiography: New LVAD-Specific Reference Values for Contemporary Devices. Journal of Cardiac Failure, 2016, 22, 808-814.	1.7	15
125	Three-Dimensional Echocardiographic Assessment of Left Heart Chamber Size and Function with Fully Automated Quantification Software in Patients with Atrial Fibrillation. Journal of the American Society of Echocardiography, 2016, 29, 955-965.	2.8	60
126	Non-invasive assessment of the haemodynamic significance of coronary stenosis using fusion of cardiac computed tomography and 3D echocardiography. European Heart Journal Cardiovascular Imaging, 2016, 18, jew147.	1.2	19

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127	Percutaneous closure of an acquired Gerbode defect. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 1439-1439.	1.2	0
128	Complexities of Left Atrial Analysis. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	5
129	Pulmonary Edema Occurring 15 Years After Mitral Valve Replacement. <i>JAMA Cardiology</i> , 2016, 1, 1073.	6.1	0
130	Novel echocardiographic parameters of aortic insufficiency in continuous-flow left ventricular assist devices and clinical outcome. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 976-985.	0.6	43
131	Large high-density lipoprotein particle number is independently associated with microvascular function in patients with well-controlled low-density lipoprotein concentration: A vasodilator stress magnetic resonance perfusion study. <i>Journal of Clinical Lipidology</i> , 2016, 10, 314-322.	1.5	4
132	The future has arrived. Are we ready?. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 850-851.	1.2	2
133	Echocardiographic Diagnosis of Acute Pulmonary Embolism in Patients with McConnell's Sign. <i>Echocardiography</i> , 2016, 33, 696-702.	0.9	27
134	Right Heart Involvement in Patients with Sarcoidosis. <i>Echocardiography</i> , 2016, 33, 734-741.	0.9	43
135	Accurate Quantification Methods for Aortic Insufficiency Severity in Patients With LVAD. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 641-651.	5.3	64
136	Hemodynamic Ramp Tests in Patients With Left Ventricular Assist Devices. <i>JACC: Heart Failure</i> , 2016, 4, 208-217.	4.1	177
137	Role of Perfusion at Rest in the Diagnosis of Myocardial Infarction Using Vasodilator Stress Cardiovascular Magnetic Resonance. <i>American Journal of Cardiology</i> , 2016, 117, 1072-1077.	1.6	5
138	Prognosis of Myocardial Damage in Sarcoidosis Patients With Preserved Left Ventricular Ejection Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e003738.	2.6	167
139	Abnormalities in aortic properties: a potential link between left ventricular diastolic function and ventricular-aortic coupling in sickle cell disease. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 965-973.	1.5	1
140	Embolic Stroke in Cardiomyopathy. <i>Cardiology Clinics</i> , 2016, 34, 215-224.	2.2	2
141	Simultaneous Longitudinal Strain in All 4 Cardiac Chambers. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e003895.	2.6	28
142	Three-dimensional quantification of myocardial perfusion during regadenoson stress computed tomography. <i>European Journal of Radiology</i> , 2016, 85, 885-892.	2.6	4
143	Monitoring Ionizing Radiation Exposure for Cardiotoxic Effects of Breast Cancer Treatment. <i>American Journal of Cardiology</i> , 2016, 117, 1678-1682.	1.6	1
144	Normal Values of Left Ventricular Mass Index Assessed by Transthoracic Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 51-61.	2.8	57

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145	Comprehensive Two-Dimensional Interrogation of the Tricuspid Valve Using Knowledge Derived from Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 74-82.	2.8	57
146	Three-dimensional echocardiography-based analysis of right ventricular shape in pulmonary arterial hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 564-575.	1.2	63
147	A Practical Scoring System to Select Optimally Sized Devices for Percutaneous Patent Foramen Ovale Closure. <i>Journal of Structural Heart Disease</i> , 2016, 2, 217-223.	0.1	6
148	Associations of Prolonged QTc in Sickle Cell Disease. <i>PLoS ONE</i> , 2016, 11, e0164526.	2.5	20
149	Malcoaptation of the pulmonary valve diagnosed using transthoracic 3D echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 695-695.	1.2	1
150	Acute heart failure: the role of focused emergency cardiopulmonary ultrasound in identification and early management. <i>European Journal of Heart Failure</i> , 2015, 17, 1223-1227.	7.1	26
151	Evaluation of different statistical shape models for segmentation of the left ventricular endocardium from magnetic resonance images. , 2015, , .		0
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