Zoran B Popovic

List of Publications by Year
in descending order

276 papers	16,140 citations	19657 61 h-index	18647 119 g-index
279 all docs	279 docs citations	279 times ranked	14962 citing authors

#	Article	IF	Citations
1	Effect of stromal-cell-derived factor 1 on stem-cell homing and tissue regeneration in ischaemic cardiomyopathy. Lancet, The, 2003, 362, 697-703.	13.7	1,199
2	Normal Ranges of Left Ventricular Strain: A Meta-Analysis. Journal of the American Society of Echocardiography, 2013, 26, 185-191.	2.8	689
3	Relative apical sparing of longitudinal strain using two-dimensional speckle-tracking echocardiography is both sensitive and specific for the diagnosis of cardiac amyloidosis. Heart, 2012, 98, 1442-1448.	2.9	687
4	Measurement of Ventricular Torsion by Two-Dimensional Ultrasound Speckle Tracking Imaging. Journal of the American College of Cardiology, 2005, 45, 2034-2041.	2.8	682
5	Reproducibility of Echocardiographic Techniques for Sequential Assessment of Left Ventricular Ejection Fraction and Volumes. Journal of the American College of Cardiology, 2013, 61, 77-84.	2.8	568
6	SDFâ€1 expression by mesenchymal stem cells results in trophic support of cardiac myocytes after myocardial infarction. FASEB Journal, 2007, 21, 3197-3207.	0.5	416
7	Enhanced Ventricular Untwisting During Exercise. Circulation, 2006, 113, 2524-2533.	1.6	361
8	Geometric Differences of the Mitral Apparatus Between Ischemic and Dilated Cardiomyopathy With Significant Mitral Regurgitation. Circulation, 2003, 107, 1135-1140.	1.6	336
9	Chronic Vagus Nerve Stimulation Improves Autonomic Control and Attenuates Systemic Inflammation and Heart Failure Progression in a Canine High-Rate Pacing Model. Circulation: Heart Failure, 2009, 2, 692-699.	3.9	317
10	Left Atrial Strain Measured by Two-Dimensional Speckle Tracking Represents a New Tool to Evaluate Left Atrial Function. Journal of the American Society of Echocardiography, 2010, 23, 172-180.	2.8	293
11	Ventricular untwisting: a temporal link between left ventricular relaxation and suction. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H505-H513.	3.2	263
12	Monocyte Chemotactic Protein-3 Is a Myocardial Mesenchymal Stem Cell Homing Factor. Stem Cells, 2007, 25, 245-251.	3.2	243
13	Nitroprusside in Critically Ill Patients with Left Ventricular Dysfunction and Aortic Stenosis. New England Journal of Medicine, 2003, 348, 1756-1763.	27.0	237
14	Ventricular Geometry, Strain, and Rotational Mechanics in Pulmonary Hypertension. Circulation, 2010, 121, 259-266.	1.6	216
15	Assessment of Left Ventricular Torsional Deformation by Doppler Tissue Imaging. Circulation, 2005, 111, 1141-1147.	1.6	215
16	Association Between Regional Ventricular Function and Myocardial Fibrosis in Hypertrophic Cardiomyopathy Assessed by Speckle Tracking Echocardiography and Delayed Hyperenhancement Magnetic Resonance Imaging. Journal of the American Society of Echocardiography, 2008, 21, 1299-1305.	2.8	207
17	Extent of Left Ventricular Scar Predicts Outcomes in Ischemic Cardiomyopathy Patients With Significantly Reduced Systolic Function. JACC: Cardiovascular Imaging, 2009, 2, 34-44.	5.3	199
18	Assessment of Left Ventricular Function by Cardiac Ultrasound. Journal of the American College of Cardiology, 2006, 48, 2012-2025.	2.8	182

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19	Tissue Synchronization Imaging and Optimal Left Ventricular Pacing Site in Cardiac Resynchronization Therapy. American Journal of Cardiology, 2006, 97, 1615-1621.	1.6	181
20	Longitudinal Strain Delay Index by Speckle Tracking Imaging. Circulation, 2008, 118, 1130-1137.	1.6	166
21	Incremental Prognostic Value of Left Ventricular Global Longitudinal Strain in Patients With Aortic Stenosis and Preserved Ejection Fraction. Circulation: Cardiovascular Imaging, 2014, 7, 938-945.	2.6	159
22	Noninvasive quantification of regional myocardial function using Doppler-derived velocity, displacement, strain rate, and strain in healthy volunteers: effects of aging. Journal of the American Society of Echocardiography, 2004, 17, 132-138.	2.8	157
23	The Effects of Aging and Physical Activity on Doppler Measures of Diastolic Function. American Journal of Cardiology, 2007, 99, 1629-1636.	1.6	153
24	Assessing observer variability: a userâ€™s guide. Cardiovascular Diagnosis and Therapy, 2017, 7, 317-324.	1.7	153
25	Left atrial appendage filling defects identified by multidetector computed tomography in patients undergoing radiofrequency pulmonary vein antral isolation: A comparison with transesophageal echocardiography. American Heart Journal, 2007, 154, 1199-1205.	2.7	152
26	Late Gadolinium Enhancement in PatientsÂWith Hypertrophic Cardiomyopathy and PreservedÂSystolicÂFunction. Journal of the American College of Cardiology, 2018, 72, 857-870.	2.8	146
27	Left Ventricular Outflow Tract Obstruction in Hypertrophic Cardiomyopathy Patients Without Severe Septal Hypertrophy. Circulation: Cardiovascular Imaging, 2015, 8, e003132.	2.6	144
28	Thrombospondinâ€4 regulates fibrosis and remodeling of the myocardium in response to pressure overload. FASEB Journal, 2012, 26, 2363-2373.	0.5	129
29	Prevention of Cardiac Hypertrophy and Heart Failure by Silencing of NF-Î°B. Journal of Molecular Biology, 2008, 375, 637-649.	4.2	128
30	Prognostic utility of 64-slice computed tomography in patients with suspected but no documented coronary artery disease. European Heart Journal, 2008, 30, 362-371.	2.2	128
31	Long-Term Survival of Patients With Radiation Heart Disease Undergoing Cardiac Surgery. Circulation, 2013, 127, 1476-1484.	1.6	128
32	Pericardial Delayed Hyperenhancement With CMR Imaging in Patients With Constrictive Pericarditis Undergoing Surgical Pericardiectomy. JACC: Cardiovascular Imaging, 2011, 4, 1180-1191.	5.3	127
33	Prognostic Significance of Exercise-induced Right Ventricular Dysfunction in Asymptomatic Degenerative Mitral Regurgitation. Circulation: Cardiovascular Imaging, 2013, 6, 167-176.	2.6	126
34	Stem cell therapy enhances electrical viability in myocardial infarction. Journal of Molecular and Cellular Cardiology, 2007, 42, 304-314.	1.9	125
35	Use of strain imaging in detecting segmental dysfunction in patients with hypertrophic cardiomyopathy. Journal of the American Society of Echocardiography, 2003, 16, 233-239.	2.8	114
36	Accuracy and Interobserver Concordance of Echocardiographic Assessment of Right Ventricular Size and Systolic Function: A Quality Control Exercise. Journal of the American Society of Echocardiography, 2012, 25, 709-713.	2.8	113

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37	Prognostic implication of relative regional strain ratio in cardiac amyloidosis. Heart, 2016, 102, 748-754.	2.9	110
38	Speckle-tracking echocardiography correctly identifies segmental left ventricular dysfunction induced by scarring in a rat model of myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2809-H2816.	3.2	109
39	Association of myocardial fibrosis, electrocardiography and ventricular tachyarrhythmia in hypertrophic cardiomyopathy: a delayed contrast enhanced MRI study. International Journal of Cardiovascular Imaging, 2008, 24, 617-625.	1.5	106
40	Characterization of Static and Dynamic Left Ventricular Diastolic Function in Patients With Heart Failure With a Preserved Ejection Fraction. Circulation: Heart Failure, 2010, 3, 617-626.	3.9	99
41	Prognostic Value of Global Longitudinal Strain in Hypertrophic Cardiomyopathy. JACC: Cardiovascular Imaging, 2019, 12, 1930-1942.	5.3	99
42	Î²₁-Adrenergic Receptor Autoantibodies Mediate Dilated Cardiomyopathy by Agonistically Inducing Cardiomyocyte Apoptosis. Circulation, 2007, 116, 399-410.	1.6	98
43	Independent association of left atrial function with exercise capacity in patients with preserved ejection fraction. Heart, 2012, 98, 1311-1317.	2.9	94
44	Right Ventricular Response to Intensive Medical Therapy in Advanced Decompensated Heart Failure. Circulation: Heart Failure, 2010, 3, 340-346.	3.9	92
45	Incremental Prognostic Utility of Left Ventricular Global Longitudinal Strain in Asymptomatic Patients With Significant Chronic Aortic Regurgitation and Preserved Left Ventricular Ejection Fraction. JACC: Cardiovascular Imaging, 2018, 11, 673-682.	5.3	92
46	Characterization of super-response to cardiac resynchronization therapy. Heart Rhythm, 2010, 7, 885-889.	0.7	91
47	Biventricular Mechanics in Constrictive Pericarditis Comparison With Restrictive Cardiomyopathy and Impact of Pericardiectomy. Circulation: Cardiovascular Imaging, 2013, 6, 399-406.	2.6	91
48	Conduction system abnormalities in patients with obstructive hypertrophic cardiomyopathy following septal reduction interventions. American Journal of Cardiology, 2004, 93, 171-175.	1.6	85
49	Global Left Atrial Strain in the Prediction of Sinus Rhythm Maintenance after Catheter Ablation for AtrialÂFibrillation. Journal of the American Society of Echocardiography, 2014, 27, 1184-1192.	2.8	81
50	Non-invasive evaluation of orthotopic heart transplant rejection by echocardiography. Journal of Heart and Lung Transplantation, 2005, 24, 160-165.	0.6	79
51	Long-Term Reverse Remodeling With Cardiac Resynchronization Therapy. Journal of the American College of Cardiology, 2010, 55, 1788-1795.	2.8	78
52	Speckle tracking echocardiography in the assessment of mouse models of cardiac dysfunction. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H811-H820.	3.2	76
53	Effect of Recommendations on Interobserver Consistency of Diastolic Function Evaluation. JACC: Cardiovascular Imaging, 2011, 4, 460-467.	5.3	74
54	Validation of Global Longitudinal Strain and Strain Rate as Reliable Markers of Right Ventricular Dysfunction: Comparison with Cardiac Magnetic Resonance and Outcome. Journal of Cardiovascular Imaging, 2014, 22, 113.	0.8	72

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55	Longâ€Term Outcomes of Patients With Mediastinal Radiationâ€“Associated Severe Aortic Stenosis and Subsequent Surgical Aortic Valve Replacement: A Matched Cohort Study. Journal of the American Heart Association, 2017, 6, .	3.7	72
56	Decision Making in Asymptomatic Aortic Regurgitation in the Era of Guidelines. Circulation: Cardiovascular Imaging, 2014, 7, 352-362.	2.6	71
57	Partial left ventriculectomy for idiopathic dilated cardiomyopathy: early results and six-month follow-up. Annals of Thoracic Surgery, 1998, 66, 1963-1968.	1.3	69
58	Myocardial Adaptation to Short-term High-intensity Exercise in Highly Trained Athletes. Journal of the American Society of Echocardiography, 2006, 19, 1280-1285.	2.8	67
59	Improved Interobserver Variability and Accuracy of Echocardiographic Visual Left Ventricular Ejection Fraction Assessment through a Self-Directed Learning Program Using Cardiac Magnetic Resonance Images. Journal of the American Society of Echocardiography, 2013, 26, 1267-1273.	2.8	67
60	Application of a Parametric Display of Two-Dimensional Speckle-Tracking Longitudinal Strain to Improve the Etiologic Diagnosis of Mild to Moderate Left Ventricular Hypertrophy. Journal of the American Society of Echocardiography, 2014, 27, 888-895.	2.8	65
61	Patterns of CMR measured longitudinal strain and its association with late gadolinium enhancement in patients with cardiac amyloidosis and its mimics. Journal of Cardiovascular Magnetic Resonance, 2017, 19, 61.	3.3	65
62	Reliability of updated left ventricular diastolic function recommendations in predicting elevated left ventricular filling pressure and prognosis. American Heart Journal, 2017, 189, 28-39.	2.7	64
63	Long-Term Outcomes After Aortic Valve Surgery in Patients With Asymptomatic Chronic Aortic Regurgitation andÂPreserved LVEF. JACC: Cardiovascular Imaging, 2020, 13, 12-21.	5.3	64
64	Effect of Cell-Based Intercellular Delivery of Transcription Factor GATA4 on Ischemic Cardiomyopathy. Circulation Research, 2007, 100, 1626-1633.	4.5	62
65	The QRS Narrowing Index Predicts Reverse Left Ventricular Remodeling Following Cardiac Resynchronization Therapy. PACE - Pacing and Clinical Electrophysiology, 2011, 34, 604-611.	1.2	62
66	Noninvasive Assessment of Cardiac Resynchronization Therapy for Congestive Heart Failure Using Myocardial Strain and Left Ventricular Peak Power as Parameters of Myocardial Synchrony and Function. Journal of Cardiovascular Electrophysiology, 2002, 13, 1203-1208.	1.7	61
67	Relationship among diastolic intraventricular pressure gradients, relaxation, and preload: impact of age and fitness. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1454-H1459.	3.2	59
68	Disruption of Protein Kinase A Interaction with A-kinase-anchoring Proteins in the Heart in Vivo. Journal of Biological Chemistry, 2009, 284, 1583-1592.	3.4	59
69	Ventricular Rate Control by Selective Vagal Stimulation Is Superior to Rhythm Regularization by Atrioventricular Nodal Ablation and Pacing During Atrial Fibrillation. Circulation, 2002, 106, 1853-1858.	1.6	58
70	Reversibility of Cardiac Function Predicts Outcome After Transcatheter Aortic Valve Replacement in Patients With Severe Aortic Stenosis. Journal of the American Heart Association, 2017, 6, .	3.7	57
71	Dobutamine stress echocardiography during follow-up surveillance in heart transplant patients: Diagnostic accuracy and predictors of outcomes. Journal of Heart and Lung Transplantation, 2015, 34, 710-717.	0.6	56
72	Effect of Gravitational Gradients on Cardiac Filling and Performance. Journal of the American Society of Echocardiography, 2017, 30, 1180-1188.	2.8	54

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73	Survival in Patients With Severe Ischemic Cardiomyopathy Undergoing Revascularization Versus Medical Therapy. Circulation, 2012, 126, S3-8.	1.6	53
74	Impact of Mitral Regurgitation on Reverse Remodeling and Outcome in Patients Undergoing Cardiac Resynchronization Therapy. Circulation: Cardiovascular Imaging, 2012, 5, 21-26.	2.6	52
75	Perioperative Assessment of Myocardial Deformation. Anesthesia and Analgesia, 2014, 118, 525-544.	2.2	52
76	Geometric changes of mitral annulus assessed by real-time 3-dimensional echocardiography: Becoming enlarged and less nonplanar in the anteroposterior direction during systole in proportion to global left ventricular systolic function. Journal of the American Society of Echocardiography, 2004, 17, 1179-1184.	2.8	51
77	A novel device for left atrial appendage exclusion: The third-generation atrial exclusion device. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 1019-1027.	0.8	51
78	Optimal ventricular rate slowing during atrial fibrillation by feedback AV nodal-selective vagal stimulation. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H1102-H1110.	3.2	50
79	Planimetric Assessment of Anatomic Valve Area Overestimates Effective Orifice Area in Bicuspid Aortic Stenosis. Journal of the American Society of Echocardiography, 2005, 18, 1392-1398.	2.8	48
80	Increased Aorto-Mitral Curtain Thickness Independently Predicts Mortality in Patients With Radiation-Associated Cardiac Disease Undergoing Cardiac Surgery. Annals of Thoracic Surgery, 2014, 97, 1348-1355.	1.3	48
81	Double-Umbrella Device for Transvenous Closure of Patent Ductus Arteriosus and Atrial Septal Defect: First Experience. Journal of Interventional Cardiology, 1991, 4, 283-294.	1.2	47
82	Effects of partial left ventriculectomy on left ventricular performance in patients with nonischemic dilated cardiomyopathy. Journal of the American College of Cardiology, 1998, 32, 1801-1808.	2.8	47
83	Off-pump mitral valve repair using the Coapsys device: a pilot study in a pacing-induced mitral regurgitation model. Annals of Thoracic Surgery, 2004, 77, 688-692.	1.3	46
84	Mechanical and Electrical Effects of Cell-Based Gene Therapy for Ischemic Cardiomyopathy Are Independent. Human Gene Therapy, 2006, 17, 1144-1151.	2.7	46
85	Cardiac MR Assessment of Aortic Regurgitation: Holodiastolic Flow Reversal in the Descending Aorta Helps Stratify Severity. Radiology, 2011, 260, 98-104.	7.3	46
86	Prognostic significance of mild aortic regurgitation in predicting mortality after transcatheter aortic valve replacement. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 783-790.	0.8	46
87	The Coapsys device to treat functional mitral regurgitation: in vivo long-term canine study. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 1068-1077.	0.8	45
88	Percutaneous Adventitial Delivery of Allogeneic Bone Marrow-Derived Stem Cells via Infarct-Related Artery Improves Long-Term Ventricular Function in Acute Myocardial Infarction. Cell Transplantation, 2012, 21, 1109-1120.	2.5	45
89	Image Quality, Contrast Enhancement, and Radiation Dose of ECG-Triggered High-Pitch CT Versus Nonâ€“ECG-Triggered Standard-Pitch CT of the Thoracoabdominal Aorta. American Journal of Roentgenology, 2012, 198, 931-938.	2.2	42
90	Evaluation of ventricular synchrony using novel Doppler echocardiographic indices in patients with heart failure receiving cardiac resynchronization therapy. Journal of the American Society of Echocardiography, 2004, 17, 845-850.	2.8	40

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91	Differences in left ventricular long-axis function from mice to humans follow allometric scaling to ventricular size. Journal of Physiology, 2005, 568, 255-265.	2.9	40
92	Optical mapping of late myocardial infarction in rats. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1298-H1306.	3.2	40
93	Infarct Characterization and Quantification by Delayed Enhancement Cardiac Magnetic Resonance Imaging Is a Powerful Independent and Incremental Predictor of Mortality in Patients With Advanced Ischemic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2014, 7, 796-804.	2.6	39
94	Synergistic Utility of Brain Natriuretic Peptide and Left Ventricular Global Longitudinal Strain in Asymptomatic Patients With Significant Primary Mitral Regurgitation and Preserved Systolic Function Undergoing Mitral Valve Surgery. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	39
95	Association of Total Cholesterol/Highâ€Density Lipoprotein Cholesterol Ratio With Proximal Coronary Atherosclerosis Detected by Multislice Computed Tomography. Preventive Cardiology, 2009, 12, 19-26.	1.1	37
96	Echocardiographic Predictors of Reverse Remodeling After Cardiac Resynchronization Therapy and Subsequent Events. Circulation: Cardiovascular Imaging, 2013, 6, 864-872.	2.6	37
97	Precision of Echocardiographic Estimates of Right Atrial Pressure in Patients with Acute Decompensated Heart Failure. Journal of the American Society of Echocardiography, 2014, 27, 1072-1078.e2.	2.8	37
98	Characteristics and Outcomes of Patients With Severe Bioprosthetic Aortic Valve Stenosis Undergoing Redo Surgical Aortic Valve Replacement. Circulation, 2015, 132, 1953-1960.	1.6	37
99	Prediction of sudden death risk in obstructive hypertrophic cardiomyopathy: Potential for refinement of current criteria. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 750-759.e3.	0.8	37
100	Contemporary Outcomes in Lowâ€Gradient Aortic Stenosis Patients Who Underwent Dobutamine Stress Echocardiography. Journal of the American Heart Association, 2019, 8, e011168.	3.7	37
101	Intraventricular Pressure Differences. Circulation, 2005, 112, 1684-1686.	1.6	36
102	Partial left ventriculectomy: which patients can be expected to benefit?. Annals of Thoracic Surgery, 2000, 69, 1836-1841.	1.3	35
103	Mitral annular motion as a surrogate for left ventricular ejection fraction: real-time three-dimensional echocardiography and magnetic resonance imaging studies. European Journal of Echocardiography, 2004, 5, 407-415.	2.3	35
104	A novel device for left atrial appendage exclusion. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 1639-1644.	0.8	35
105	Association between septal strain rate and histopathology in symptomatic hypertrophic cardiomyopathy patients undergoing septal myectomy. American Heart Journal, 2013, 166, 503-511.	2.7	35
106	Outcomes of Asymptomatic Adults with Combined Aortic Stenosis and Regurgitation. Journal of the American Society of Echocardiography, 2014, 27, 829-837.	2.8	35
107	Manual, semiautomated, and fully automated measurement of the aortic annulus for planning of transcatheter aortic valve replacement (TAVR/TAVI): Analysis of interchangeability. Journal of Cardiovascular Computed Tomography, 2015, 9, 42-49.	1.3	34
108	Cardiac MR imaging in constrictive pericarditis: multiparametric assessment in patients with surgically proven constriction. International Journal of Cardiovascular Imaging, 2015, 31, 859-866.	1.5	34

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109	Left atrial booster pump function is an independent predictor of subsequent life-threatening ventricular arrhythmias in non-ischaemic cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2016, 17, 1153-1160.	1.2	34
110	Relation of myocardial histomorphometric features and left ventricular contractile reserve assessed by high-dose dobutamine stress echocardiography in patients with idiopathic dilated cardiomyopathy. European Journal of Heart Failure, 2005, 7, 49-56.	7.1	33
111	Machine Learningâ€"Based Risk Assessment for Cancer Therapyâ€"Related Cardiac Dysfunction in 4300 Longitudinal Oncology Patients. Journal of the American Heart Association, 2020, 9, e019628.	3.7	33
112	Scaling of diastolic intraventricular pressure gradients is related to filling time duration. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H762-H769.	3.2	32
113	Blockade of NF-ÎºB Using IÎºBÎ± Dominant-Negative Mice Ameliorates Cardiac Hypertrophy in Myotrophin-Overexpressed Transgenic Mice. Journal of Molecular Biology, 2008, 381, 559-568.	4.2	32
114	Impact of left ventricular volume/mass ratio on diastolic function. European Heart Journal, 2009, 30, 1213-1221.	2.2	31
115	Bone Marrow Support of the Heart in Pressure Overload Is Lost with Aging. PLoS ONE, 2010, 5, e15187.	2.5	31
116	Contemporary Etiologies, Outcomes, andÂNovel Risk Score for Isolated Tricuspid Regurgitation. JACC: Cardiovascular Imaging, 2022, 15, 731-744.	5.3	31
117	Evaluation of a novel device for left atrial appendage exclusion: The second-generation atrial exclusion device. Journal of Thoracic and Cardiovascular Surgery, 2006, 132, 340-346.	0.8	30
118	LQTS mutation N1325S in cardiac sodium channel gene SCN5A causes cardiomyocyte apoptosis, cardiac fibrosis and contractile dysfunction in mice. International Journal of Cardiology, 2011, 147, 239-245.	1.7	29
119	Role of preoperative cardiac CT in the evaluation of infective endocarditis: comparison with transesophageal echocardiography and surgical findings. Cardiovascular Diagnosis and Therapy, 2018, 8, 439-449.	1.7	29
120	Changes in mitral annular and left ventricular dimensions and left ventricular pressureâ€"volume relations after off-pump treatment of mitral regurgitation with the Coapsys device. European Journal of Cardio-thoracic Surgery, 2004, 25, 352-357.	1.4	28
121	Rate of Progression of Aortic Stenosis and its Impact on Outcomes in Patients With Radiation-Associated CardiacÂDisease. JACC: Cardiovascular Imaging, 2018, 11, 1072-1080.	5.3	28
122	Management and outcomes in mitral valve prolapse with ventricular arrhythmias undergoing ablation and/or implantation of ICDs. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 447-452.	1.2	28
123	Aortic stiffness independently predicts exercise capacity in hypertrophic cardiomyopathy: a multimodality imaging study. Heart, 2010, 96, 1303-1310.	2.9	26
124	Predictors and Prognostic Impact of Progressive Ischemic Mitral Regurgitation in Patients With Advanced Ischemic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	25
125	Synergistic Utility of Brain Natriuretic Peptide and Left Ventricular Strain in Patients With Significant Aortic Stenosis. Journal of the American Heart Association, 2016, 5, .	3.7	25
126	Regional Variability in Longitudinal Strain Across Vendors in Patients With Cardiomyopathy Due to Increased Left Ventricular Wall Thickness. Circulation: Cardiovascular Imaging, 2019, 12, e008973.	2.6	25

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127	How Similar Are the Mice to Men? Between-Species Comparison of Left Ventricular Mechanics Using Strain Imaging. PLoS ONE, 2012, 7, e40061.	2.5	25
128	Slow rate during AF improves ventricular performance by reducing sensitivity to cycle length irregularity. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H2706-H2713.	3.2	24
129	Mitral Annulus Size Links Ventricular Dilatation to Functional Mitral Regurgitation. Journal of the American Society of Echocardiography, 2005, 18, 959-963.	2.8	24
130	Myocardial scar burden predicts survival benefit with implantable cardioverter defibrillator implantation in patients with severe ischaemic cardiomyopathy: influence of gender. Heart, 2014, 100, 206-213.	2.9	24
131	Prognostic Value of RV Function Before and After Lung Transplantation. JACC: Cardiovascular Imaging, 2014, 7, 1084-1094.	5.3	24
132	Grading diastolic function by echocardiography: hemodynamic validation of existing guidelines. Cardiovascular Ultrasound, 2015, 13, 28.	1.6	24
133	Relationship between Right Ventricular Longitudinal Strain, Invasive Hemodynamics, and Functional Assessment in Pulmonary Arterial Hypertension. Korean Circulation Journal, 2015, 45, 398.	1.9	24
134	Incremental Prognostic Utility of Left Ventricular Global Longitudinal Strain in Hypertrophic Obstructive Cardiomyopathy Patients and Preserved Left Ventricular Ejection Fraction. Journal of the American Heart Association, 2017, 6, .	3.7	24
135	Comparative Outcomes of Patients With Advanced Renal Dysfunction Undergoing Transcatheter Aortic Valve Replacement in the United States From 2011 to 2014. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	24
136	Characteristics and Outcomes of Patients With Takotsubo Syndrome: Incremental Prognostic Value of Baseline Left Ventricular Systolic Function. Journal of the American Heart Association, 2020, 9, e016537.	3.7	24
137	Effects of sodium nitroprusside in aortic stenosis associated with severe heart failure: pressure-volume loop analysis using a numerical model. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H416-H423.	3.2	23
138	Right vs. left ventricular contractile reserve in one-year prognosis of patients with idiopathic dilated cardiomyopathy: Assessment by dobutamine stress echocardiography. European Journal of Echocardiography, 2005, 6, 429-434.	2.3	23
139	Left Ventricular Function in Gestational Hypertension: Serial Echocardiographic Study. American Journal of Hypertension, 2010, 23, 85-91.	2.0	23
140	High-Pitch ECG-Synchronized Pulmonary CT Angiography Versus Standard CT Pulmonary Angiography: A Prospective Randomized Study. American Journal of Roentgenology, 2013, 201, 971-976.	2.2	23
141	Determinants of LV diastolic function during atrial fibrillation: beat-to-beat analysis in acute dog experiments. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H145-H152.	3.2	22
142	Single center TAVR experience with a focus on the prevention and management of catastrophic complications. Catheterization and Cardiovascular Interventions, 2014, 84, 834-842.	1.7	22
143	Impact of left atrial appendage exclusion on left atrial function. Journal of Thoracic and Cardiovascular Surgery, 2007, 133, 174-181.	0.8	21
144	Gender differences in survival in patients with severe left ventricular dysfunction despite similar extent of myocardial scar measured on cardiac magnetic resonance. European Journal of Heart Failure, 2009, 11, 937-944.	7.1	21

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145	Assessment of Right Ventricular Longitudinal Strain in Patients with Ischemic Cardiomyopathy: Headâ€toâ€Head Comparison between Twoâ€Dimensional Speckleâ€Based Strain and Velocity Vector Imaging Using Volumetric Assessment by Cardiac Magnetic Resonance as a â€œGold Standardâ€. Echocardiography, 2015, 32, 956-965.	0.9	21
146	Predictors of Mortality in Patients With Severe Ischemic Cardiomyopathy Undergoing Surgical Mitral Valve Intervention. Journal of the American Heart Association, 2017, 6, .	3.7	21
147	Evolution of Alternative-access Transcatheter Aortic Valve Replacement. Annals of Thoracic Surgery, 2021, 112, 1877-1885.	1.3	21
148	Partial Left Ventriculectomy: The 2nd International Registry Report 2000. Journal of Cardiac Surgery, 2001, 16, 10-23.	0.7	20
149	Association of Coronary Atherosclerosis Detected by Multislice Computed Tomography and Traditional Risk-Factor Assessment. American Journal of Cardiology, 2008, 102, 316-320.	1.6	20
150	Regurgitant Volume Informs Rate of Progressive Cardiac Dysfunction in Asymptomatic Patients With Chronic Aortic or Mitral Regurgitation. JACC: Cardiovascular Imaging, 2015, 8, 14-23.	5.3	20
151	Defining the reference range for right ventricular systolic strain by echocardiography in healthy subjects: A meta-analysis. PLoS ONE, 2021, 16, e0256547.	2.5	20
152	Prospective ECG-triggered, axial 4-D imaging of the aortic root, valvular, and left ventricular structures: A lower radiation dose option for preprocedural TAVR imaging. Journal of Cardiovascular Computed Tomography, 2012, 6, 393-398.	1.3	19
153	Focal fibrosis and diffuse fibrosis are predictors of reversed left ventricular remodeling in patients with non-ischemic cardiomyopathy. International Journal of Cardiology, 2016, 221, 498-504.	1.7	19
154	Longâ€Term Outcomes in Patients With Mixed Aortic Valve Disease and Preserved Left Ventricular Ejection Fraction. Journal of the American Heart Association, 2020, 9, e014591.	3.7	19
155	Outcomes in Guidelineâ€Based Class I Indication Versus Earlier Referral for Surgical Myectomy in Hypertrophic Obstructive Cardiomyopathy. Journal of the American Heart Association, 2021, 10, e016210.	3.7	19
156	Cardiac risk stratification in cancer patients: A longitudinal patientâ€“patient network analysis. PLoS Medicine, 2021, 18, e1003736.	8.4	19
157	Importance of Mitral Valve Repair Associated With Left Ventricular Reconstruction for Patients With Ischemic Cardiomyopathy: A Real-Time Three-Dimensional Echocardiographic Study. Circulation, 2003, 108, 241II–246.	1.6	18
158	Relation Between Echocardiographically Estimated and Invasively Measured Filling Pressures in Constrictive Pericarditis. American Journal of Cardiology, 2014, 113, 1911-1916.	1.6	18
159	Prognostic Utility of Right Ventricular Free Wall Strain in Low Risk Patients After Orthotopic Heart Transplantation. American Journal of Cardiology, 2017, 119, 1890-1896.	1.6	18
160	Comparison of two-dimensional strain analysis using vendor-independent and vendor-specific software in adult and pediatric patients. JRSM Cardiovascular Disease, 2017, 6, 204800401771286.	0.7	18
161	QRS Fragmentation Is Not Associated with Poor Response to Cardiac Resynchronization Therapy. Annals of Noninvasive Electrocardiology, 2011, 16, 165-171.	1.1	17
162	Characteristics and Outcomes of Elderly Patients With Hypertrophic Cardiomyopathy. Journal of the American Heart Association, 2021, 10, e018527.	3.7	17

#	Article	IF	Citations
163	Prognostic Value of Complementary Echocardiography and Magnetic Resonance Imaging Quantitative Evaluation for Isolated Tricuspid Regurgitation. Circulation: Cardiovascular Imaging, 2021, 14, e012211.	2.6	17
164	Optimal Mitral Annular and Subvalvular Shape Change Created by the Coapsys Device to Treat Functional Mitral Regurgitation. ASAIO Journal, 2005, 51, 17-21.	1.6	16
165	Opposing Wall Mechanics Are Significantly Influenced by Longitudinal Cardiac Rotation in the Assessment of Ventricular Dyssynchrony. JACC: Cardiovascular Imaging, 2009, 2, 379-386.	5.3	16
166	Association of Noninvasively Measured Left Ventricular Mechanics With In Vitro Muscle Contractile Performance: A Prospective Study in Hypertrophic Cardiomyopathy Patients. Journal of the American Heart Association, 2014, 3, e001269.	3.7	16
167	Impact of Vagal Nerve Stimulation on Left Atrial Structure and Function in a Canine High-Rate Pacing Model. Circulation: Heart Failure, 2014, 7, 320-326.	3.9	16
168	Correlation between right ventricular T1 mapping and right ventricular dysfunction in non-ischemic cardiomyopathy. International Journal of Cardiovascular Imaging, 2018, 34, 55-65.	1.5	16
169	Coupled pacing improves cardiac efficiency during acute atrial fibrillation with or without cardiac dysfunction. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H2016-H2022.	3.2	15
170	Hyperbaric oxygen treatment does not affect left ventricular chamber stiffness after myocardial infarction treated with thrombolysis. American Heart Journal, 2004, 148, 85.	2.7	15
171	Impact of concomitant aortic regurgitation on long-term outcome after surgical aortic valve replacement in patients with severe aortic stenosis. Journal of Cardiothoracic Surgery, 2011, 6, 51.	1.1	15
172	Left ventricular strain distribution in healthy dogs and in dogs with tachycardia-induced dilated cardiomyopathy. Cardiovascular Ultrasound, 2013, 11, 43.	1.6	15
173	Comparison of Ventricular Septal Measurements in Hypertrophic Cardiomyopathy Patients Who Underwent Surgical Myectomy Using Multimodality Imaging and Implications for Diagnosis and Management. American Journal of Cardiology, 2017, 119, 1656-1662.	1.6	15
174	Is universal grading of diastolic function by echocardiography feasible?. Cardiovascular Diagnosis and Therapy, 2018, 8, 18-28.	1.7	15
175	Decision Making With Imaging in Asymptomatic Aortic Regurgitation. JACC: Cardiovascular Imaging, 2018, 11, 1499-1513.	5.3	15
176	Outcomes in Asymptomatic Severe Aortic Stenosis With Preserved Ejection Fraction Undergoing Rest and Treadmill Stress Echocardiography. Journal of the American Heart Association, 2018, 7, .	3.7	15
177	Left ventricular assist device malposition interrogated by 4-D cine computed tomography. Journal of Cardiovascular Computed Tomography, 2011, 5, 186-188.	1.3	14
178	Novel Echocardiographic Parameters in Patients With Aortic Stenosis and Preserved Left Ventricular Systolic Function Undergoing Surgical Aortic Valve Replacement. American Journal of Cardiology, 2018, 122, 284-293.	1.6	14
179	Clinical and procedural outcomes with the SAPIEN 3 versus the SAPIEN XT prosthetic valves in transcatheter aortic valve replacement: A systematic review and metaâ€analysis. Catheterization and Cardiovascular Interventions, 2018, 92, E149-E158.	1.7	14
180	Comparison of left ventricular diastolic function after on-pump versus off-pump coronary artery bypass grafting. American Journal of Cardiology, 2005, 95, 647-650.	1.6	13

#	Article	IF	Citations
181	In Vivo Imaging and Computational Analysis of the Aortic Root. Application in Clinical Research and Design of Transcatheter Aortic Valve Systems. Journal of Cardiovascular Translational Research, 2011, 4, 459-469.	2.4	13
182	Predictors of mitral annulus early diastolic velocity: impact of long-axis function, ventricular filling pattern, and relaxation. European Heart Journal Cardiovascular Imaging, 2011, 12, 818-825.	1.2	13
183	Reference Ranges, Diagnostic and Prognostic Utility of Native <scp>T1</scp> Mapping and Extracellular Volume for Cardiac Amyloidosis: A Metaâ€Analysis. Journal of Magnetic Resonance Imaging, 2021, 53, 1458-1468.	3.4	13
184	Impact of Longitudinal Cardiac Rotation on Mitral and Tricuspid Atrioventricular Annular Diastolic Motion. Circulation: Cardiovascular Imaging, 2010, 3, 368-374.	2.6	12
185	Prognostic significance of contractile reserve assessed by dobutamine-induced changes of Tei index in patients with idiopathic dilated cardiomyopathy. European Journal of Echocardiography, 2010, 11, 264-270.	2.3	12
186	Impact of long-axis function on cardiac surgical outcomes in patients with radiation-associated heart disease. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 1643-1651.e2.	0.8	12
187	Incremental Prognostic Value of Global Longitudinal Strain and 18F-Fludeoxyglucose Positron Emission Tomography in Patients With Systemic Sarcoidosis. American Journal of Cardiology, 2017, 119, 1663-1669.	1.6	12
188	Left Ventricular Longitudinal Strain in Characterization and Outcome Assessment of Mixed Aortic Valve Disease Phenotypes. JACC: Cardiovascular Imaging, 2021, 14, 1324-1334.	5.3	12
189	Pulmonary venous flow determinants of left atrial pressure under different loading conditions in a chronic animal model with mitral regurgitation. Journal of the American Society of Echocardiography, 2002, 15, 1181-1188.	2.8	11
190	Differences in Global and Regional Left Ventricular Myocardial Mechanics in Various Morphologic Subtypes of Patients With Obstructive Hypertrophic Cardiomyopathy Referred for Ventricular Septal Myotomy/Myectomy. American Journal of Cardiology, 2014, 113, 1879-1885.	1.6	11
191	Pericardiectomy is Associated with Improvement inÂLongitudinal Displacement of Left Ventricular Free Wall Due to Increased Counterclockwise Septal-to-Lateral Rotational Displacement. Journal of the American Society of Echocardiography, 2015, 28, 1204-1213.e2.	2.8	11
192	Frank-Starling mechanism contributes modestly to ventricular performance during atrial fibrillation. Heart Rhythm, 2004, 1, 482-489.	0.7	10
193	Association of Aortic Atherosclerosis and Renal Dysfunction. Journal of the American Society of Echocardiography, 2008, 21, 751-755.	2.8	10
194	Strain-time curve analysis by speckle tracking echocardiography in cardiac resynchronization therapy: Insight into the pathophysiology of responders vs. non-responders. Cardiovascular Ultrasound, 2015, 14, 14.	1.6	10
195	Different Histopathologic Diagnoses in Patients With Clinically Diagnosed Hypertrophic Cardiomyopathy After Surgical Myectomy. Circulation, 2019, 140, 344-346.	1.6	10
196	Intraventricular Pressure Gradients in Left Ventricular Aneurysms Determined by Color M-Mode Doppler Method: An Animal Study. Journal of the American Society of Echocardiography, 2006, 19, 1112-1118.	2.8	9
197	Bâ€type natriuretic peptide is associated with remodeling and exercise capacity after transcatheter aortic valve replacement for aortic stenosis. Clinical Cardiology, 2019, 42, 270-276.	1.8	9
198	Defining the Reference Range for Left Ventricular Strain in Healthy Patients by Cardiac MRI Measurement Techniques: Systematic Review and Meta-Analysis. American Journal of Roentgenology, 2021, 217, 569-583.	2.2	9

#	Article	IF	Citations
199	Partial Left Ventriculectomy and Limited Heart Transplantation Availability. Journal of Cardiac Surgery, 2001, 16, 165-169.	0.7	8
200	Evaluation of Left Ventricular Contractile Function Using Noninvasively Determined Single-beat End-systolic Elastance in Mitral Regurgitation: Experimental Validation and Clinical Application. Journal of the American Society of Echocardiography, 2007, 20, 1086-1092.	2.8	8
201	Longitudinal Study of Cardiac Remodelling in Rabbits Following Infarction. Canadian Journal of Cardiology, 2012, 28, 230-238.	1.7	8
202	Therapeutic Effects of Selective Atrioventricular Node Vagal Stimulation in Atrial Fibrillation and Heart Failure. Journal of Cardiovascular Electrophysiology, 2013, 24, 86-91.	1.7	8
203	Left Atrial Size and Function in a Canine Model of Chronic Atrial Fibrillation and Heart Failure. PLoS ONE, 2016, 11, e0147015.	2.5	8
204	Impact of left ventricular diastolic function and survival in patients with severe aortic stenosis undergoing transcatheter aortic valve replacement. PLoS ONE, 2018, 13, e0196031.	2.5	8
205	Outcomes in Patients With Obstructive Hypertrophic Cardiomyopathy and Concomitant Aortic Stenosis Undergoing Surgical Myectomy and Aortic Valve Replacement. Journal of the American Heart Association, 2021, 10, e018435.	3.7	8
206	Mitral Valve Repair without Cardiopulmonary Bypass or Atriotomy Using the Coapsys Device: Device Design and Implantation Procedure in Canine Functional Mitral Regurgitation Model. Heart Surgery Forum, 2004, 7, 69-73.	0.5	8
207	Changes in pools of autoantibodies and anti-bacterial antibodies in patients suffering from recurrent infections of the urinary tract and undergoing bacterial immunization treatment. Immunology Letters, 2004, 94, 123-133.	2.5	7
208	The effects of altering time delays of coupled pacing during acute atrial fibrillation. Heart Rhythm, 2006, 3, 722-727.	0.7	7
209	Discordant Electrocardiogram Left Ventricular Wall Thickness and Strain Findings in Influenza Myocarditis. Echocardiography, 2015, 32, 1880-1884.	0.9	7
210	Impact of hypothermia on cardiac performance during targeted temperature management after cardiac arrest. Resuscitation, 2019, 142, 1-7.	3.0	7
211	Improvement in left ventricular mechanics following medical treatment of constrictive pericarditis. Heart, 2021, 107, 828-835.	2.9	7
212	Cardiac surveillance for anti-HER2 chemotherapy. Cleveland Clinic Journal of Medicine, 2021, 88, 110-116.	1.3	7
213	Determining the thresholds for abnormal left ventricular strains in healthy subjects by echocardiography: a meta-analysis. Cardiovascular Diagnosis and Therapy, 2020, 10, 1858-1873.	1.7	7
214	Supplemental calcium and vitamin D and long-term mortality in aortic stenosis. Heart, 2022, 108, 964-972.	2.9	7
215	Non-invasive assessment of left ventricular relaxation during atrial fibrillation using mitral flow propagation velocity. European Journal of Echocardiography, 2009, 10, 826-832.	2.3	6
216	Is there a role for diastolic function assessment in era of delayed enhancement cardiac magnetic resonance imaging?. American Heart Journal, 2014, 168, 220-228.e1.	2.7	6

#	Article	IF	Citations
217	Temporal Variability of Global Longitudinal Strain in Stable Patients Undergoing Chemotherapy With Trastuzumab. American Journal of Cardiology, 2016, 118, 930-935.	1.6	6
218	Impact of baseline conduction abnormalities on outcomes after transcatheter aortic valve replacement with <scp>SAPIEN</scp>â€3. Catheterization and Cardiovascular Interventions, 2021, 98, E127-E138.	1.7	6
219	Comparative value of single-beat load-independent contractility indices in dilated cardiomyopathy and mitral regurgitation. Journal of the American Society of Echocardiography, 2003, 16, 703-711.	2.8	5
220	Expression of Y7 Crossâ€Reactive Idiotope on Human IgM Molecules. Immunological Investigations, 2004, 33, 1-14.	2.0	5
221	Coupled Pacing Reverses the Effects of Persistent Atrial Fibrillation on the Left Ventricle. Annals of Thoracic Surgery, 2008, 86, 984-987.	1.3	5
222	Impact of abnormal longitudinal rotation on the assessment of right ventricular systolic function in patients with severe pulmonary hypertension. Journal of Thoracic Disease, 2018, 10, 4696-4704.	1.4	5
223	Impact of left atrial strain mechanics on exercise intolerance and need for septal reduction therapy in hypertrophic cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2022, 23, 238-245.	1.2	5
224	Sex-based differences in left ventricular remodeling in patients with chronic aortic regurgitation: a multi-modality study. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 12.	3.3	5
225	Incremental Value of Global Longitudinal Strain to Michigan Risk Score and Pulmonary Artery Pulsatility Index in Predicting Right Ventricular Failure Following Left Ventricular Assist Devices. Heart Lung and Circulation, 2022, 31, 1110-1118.	0.4	5
226	Acute effects of DDD pacing in patients with pulmonary infundibular stenosis. American Journal of Cardiology, 1999, 84, 117-118.	1.6	4
227	Comparison of Left Ventricular Torsion and Strain With Biventricular Pacing in Patients With Underlying Right Bundle Branch Block Versus Those With Left Bundle Branch Block. American Journal of Cardiology, 2015, 115, 918-923.	1.6	4
228	Impact of End-Stage Renal Disease on LeftÂandÂRight Ventricular Mechanics. JACC: Cardiovascular Imaging, 2017, 10, 1081-1083.	5.3	4
229	Software Variability in Measurement of LVÂMechanical Dispersion in Patients With LV Hypertrophy. JACC: Cardiovascular Imaging, 2020, 13, 1086-1087.	5.3	4
230	Temporal Trends of Cardiac Outcomes and Impact on Survival in Patients With Cancer. American Journal of Cardiology, 2020, 137, 118-124.	1.6	4
231	A Novel Technique for Functional Mitral Regurgitation Therapy: Mitral Annular Remodeling. Heart Surgery Forum, 2006, 9, E888-E892.	0.5	4
232	Heart Rate Variability in a Progressive Heart Failure Model with Rapid Ventricular Pacing. Heart Surgery Forum, 2008, 11, E295-E299.	0.5	4
233	Effect of Tricuspid Valve Repair or Replacement on Survival in Patients With Isolated Severe Tricuspid Regurgitation. American Journal of Cardiology, 2022, 162, 163-169.	1.6	4
234	Spontaneous Ventricular Arrhythmias Following Partial Left Ventriculectomy for Nonischemic Dilated Cardiomyopathy: Relation to Hemodynamics and Survival. Journal of Cardiac Surgery, 2001, 16, 104-112.	0.7	3

#	Article	IF	Citations
235	Preload-adjusted right ventricular maximal power: concept and validation. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1632-H1640.	3.2	3
236	Semiquantitative histomorphometric analysis of myocardium following partial left ventriculectomy: 1-year follow-up. European Journal of Heart Failure, 2005, 7, 763-767.	7.1	3
237	Assessing Diastology in Aortic Stenosis. JACC: Cardiovascular Imaging, 2016, 9, 529-531.	5.3	3
238	Functional Changes in Acute Eosinophilic Myocarditis Due to Chemotherapy With Ibrutinib. Case, 2019, 3, 71-76.	0.3	3
239	Disparity of Dispersion in Predicting Ventricular Arrhythmias. JACC: Cardiovascular Imaging, 2020, 13, 573-576.	5.3	3
240	Outcomes of Mild Aortic Regurgitation Afterâ€Transcatheter Aortic Valve Replacement. Structural Heart, 2021, 5, 201-207.	0.6	3
241	Echocardiography in suspected coronavirus infection: indications, limitations and impact on clinical management. Open Heart, 2021, 8, e001702.	2.3	3
242	An Experimental Rabbit Model for Off-Pump Left Ventricular Reconstruction Following Left Ventricular Aneurysm. Heart Surgery Forum, 2006, 9, E786-E791.	0.5	3
243	Physical and physiological effects of dobutamine stress echocardiography in low-gradient aortic stenosis. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H94-H104.	3.2	3
244	Axisymmetric fluid-structure interaction model of the left ventricle. , 2003, , 1669-1672.		2
245	Echocardiographic assessment of regional ventricular function after device-based change of left ventricular shape. Journal of the American Society of Echocardiography, 2004, 17, 411-417.	2.8	2
246	Echocardiography and a quest of the promised land of the accurate assessment of cardiac mechanics. European Journal of Echocardiography, 2009, 10, 583-584.	2.3	2
247	Cracking the Mysteries of Diastolic Function in Atrial Fibrillation. JACC: Cardiovascular Imaging, 2009, 2, 1157-1158.	5.3	2
248	Diastolic stress testing: a new trick to evaluate the ageing heart. Heart, 2010, 96, 906-907.	2.9	2
249	The Uncertainties of Certainty. JACC: Cardiovascular Imaging, 2013, 6, 861-863.	5.3	2
250	Mitral Valve Adaptation in Ischemic HeartÂDiseaseâ^—. Journal of the American College of Cardiology, 2016, 67, 288-290.	2.8	2
251	Pertuzumab/Trastuzumab Breast Cancer Therapy Is Associated With Complex Hemodynamic Abnormalities. JACC: Cardiovascular Imaging, 2018, 11, 1206-1207.	5.3	2
252	Teamwork using strain imaging in the echocardiographic assessment of right ventricular systolic function: A cardiac magnetic resonance imaging correlation study. Echocardiography, 2019, 36, 94-101.	0.9	2

#	Article	IF	Citations
253	Acute Reduction of Functional Mitral Regurgitation in Canine Model Using an Epicardial Device. Annals of Thoracic Surgery, 2008, 85, 1771-1775.	1.3	1
254	In Search of a Holy Grail. Circulation: Cardiovascular Imaging, 2008, 1, 3-5.	2.6	1
255	Defying Dogma. Circulation: Heart Failure, 2015, 8, 832-835.	3.9	1
256	RV Function. JACC: Cardiovascular Imaging, 2016, 9, 1043-1045.	5.3	1
257	Outcomes of Transcatheter Aortic Valve Replacement in Transplant Recipients. Structural Heart, 2020, 4, 329-333.	0.6	1
258	Predictors of Procedural Success in Patients With Degenerated Surgical Valves Undergoing Transcatheter Aortic Valve-in-Valve Implantation. Frontiers in Cardiovascular Medicine, 2021, 8, 718835.	2.4	1
259	Physical Determinants of Diastolic Flow. , 2008, , 43-59.		0
260	Multimodality Imaging Assessment of Anatomic and Functional Pulmonary Vein Stenosis. Circulation: Cardiovascular Imaging, 2009, 2, 425-426.	2.6	0
261	Response to Letter Regarding Article, â€œLongitudinal Strain Delay Index by Speckle Tracking Imaging: A New Marker of Response to Cardiac Resynchronization Therapyâ€. Circulation, 2009, 119, .	1.6	0
262	Degree of mitral regurgitation and left ventricular scarring are more powerful predictors of long-term outcomes than volumes and sphericity: a multi-modality imaging study in patients with severe ischemic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	3.3	0
263	Why Can't Atrial Fibrillation Be More Like a Regular Rhythm?. Journal of the American Society of Echocardiography, 2012, 25, 960-961.	2.8	0
264	Toward Understanding the Interaction between Structure and Function: An Echocardiographic Story. Journal of the American Society of Echocardiography, 2014, 27, 1051-1052.	2.8	0
265	When the Left Ventricle Rocks. JACC: Cardiovascular Imaging, 2016, 9, 665-667.	5.3	0
266	Authorsâ€™ Reply. Journal of the American Society of Echocardiography, 2018, 31, 843-844.	2.8	0
267	Management of MitraClip Single-Leaflet Detachment with an Additional Clip and an Amplatzer Vascular Plug. JACC: Case Reports, 2019, 1, 755-760.	0.6	0
268	Follow-Up Echocardiography of the Right Ventricle in Pulmonary ArterialÂHypertension. JACC: Cardiovascular Imaging, 2019, 12, 2112-2114.	5.3	0
269	Mitral Valve Histology. Journal of the American College of Cardiology, 2020, 75, 406-408.	2.8	0
270	Physical Determinants of Diastolic Flow. , 2021, , 53-70.		0

#	Article	IF	Citations
271	Predicting Infective Endocarditis After Transcatheter Aortic Valve Implantation Via a Risk Model. American Journal of Cardiology, 2021, 150, 131-132.	1.6	0
272	Strain in valvular diseases. , 2022, , 144-167.		0
273	Mechanical and Electrical Effects of Cell-Based Gene Therapy for Ischemic Cardiomyopathy Are Independent. Human Gene Therapy, 2006, .	2.7	0
274	Abstract 3773: Myotrophin and the p53 Signaling Cascade in Cardiac Hypertrophy/Heart Failure. Circulation, 2008, 118, .	1.6	0
275	Abstract 12437: Prediction of Mitral Regurgitation Progression With Advanced Ischemic Cardiomyopathy - A Multi-Modality Study. Circulation, 2014, 130, .	1.6	0
276	Abstract 12250: Trends in Retractions of Peer Reviewed Literature: Comparison Between Cardiology and Other Medical Specialties. Circulation, 2021, 144, .	1.6	0