Jens-Uwe Voigt

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2670056/publications.pdf

Version: 2024-02-01

155 papers	27,428 citations	57758 44 h-index	11939 134 g-index
173 all docs	173 docs citations	173 times ranked	22074 citing authors

#	Article	IF	Citations
1	Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. Journal of the American Society of Echocardiography, 2015, 28, 1-39.e14.	2.8	10,755
2	Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2015, 16, 233-271.	1.2	5,352
3	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.	2.8	1,026
4	Standardization of left atrial, right ventricular, and right atrial deformation imaging using two-dimensional speckle tracking echocardiography: a consensus document of the EACVI/ASE/Industry Task Force to standardize deformation imaging. European Heart Journal Cardiovascular Imaging, 2018, 19, 591-600.	1.2	891
5	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.	2.8	855
6	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.	1.2	830
7	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
8	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.	2.8	517
9	Strain-Rate Imaging During Dobutamine Stress Echocardiography Provides Objective Evidence of Inducible Ischemia. Circulation, 2003, 107, 2120-2126.	1.6	375
10	Stress Echocardiography Expert Consensus Statement--Executive Summary: European Association of Echocardiography (EAE) (a registered branch of the ESC). European Heart Journal, 2008, 30, 278-289.	2.2	274
11	Incidence and characteristics of segmental postsystolic longitudinal shortening in normal, acutely ischemic, and scarred myocardium. Journal of the American Society of Echocardiography, 2003, 16, 415-423.	2.8	273
12	Mechanical Dispersion Assessed by Myocardial Strain in Patients After Myocardial Infarction for Risk Prediction of Ventricular Arrhythmia. JACC: Cardiovascular Imaging, 2010, 3, 247-256.	5.3	248
13	Left ventricular flow patterns in healthy subjects and patients with prosthetic mitral valves: An in vivo study using echocardiographic particle image velocimetry. Journal of Thoracic and Cardiovascular Surgery, 2010, 139, 1501-1510.	0.8	229
14	The echocardiographic assessment of the right ventricle: what to do in 2010?. European Journal of Echocardiography, 2010, 11, 81-96.	2.3	226
15	Strain Echocardiography Improves Risk Prediction of Ventricular Arrhythmias After Myocardial Infarction. JACC: Cardiovascular Imaging, 2013, 6, 841-850.	5.3	222
16	Morphological and Functional Adaptation of the Maternal Heart During Pregnancy. Circulation: Cardiovascular Imaging, 2012, 5, 289-297.	2.6	219
17	Echo Parameters for Differential Diagnosis in Cardiac Amyloidosis. Circulation: Cardiovascular Imaging, 2017, 10, e005588.	2.6	198
18	Assessment of Regional Longitudinal Myocardial Strain Rate Derived from Doppler Myocardial Imaging Indexes in Normal and Infarcted Myocardium. Journal of the American Society of Echocardiography, 2000, 13, 588-598.	2.8	190

#	Article	IF	Citations
19	Relationship of visually assessed apical rocking and septal flash to response and long-term survival following cardiac resynchronization therapy (PREDICT-CRT). European Heart Journal Cardiovascular Imaging, 2016, 17, 262-269.	1.2	173
20	2- and 3-Dimensional Myocardial Strain in Cardiac Health and Disease. JACC: Cardiovascular Imaging, 2019, 12, 1849-1863.	5.3	172
21	Strain Rate Imaging Detects Early Cardiac Effects of Pegylated Liposomal Doxorubicin as Adjuvant Therapy in Elderly Patients with Breast Cancer. Journal of the American Society of Echocardiography, 2008, 21, 1283-1289.	2.8	165
22	Variability and Reproducibility of SegmentalÂLongitudinal Strain Measurement. JACC: Cardiovascular Imaging, 2018, 11, 15-24.	5.3	149
23	Exercise-induced right ventricular dysfunction is associated with ventricular arrhythmias in endurance athletes. European Heart Journal, 2015, 36, 1998-2010.	2.2	148
24	Accuracy of Echocardiography to EvaluateÂPulmonary Vascular and RVÂFunction During Exercise. JACC: Cardiovascular Imaging, 2016, 9, 532-543.	5.3	120
25	Acute Radiation Effects on Cardiac Function Detected by Strain Rate Imaging in Breast Cancer Patients. International Journal of Radiation Oncology Biology Physics, 2011, 79, 1444-1451.	0.8	113
26	Intervendor Differences in the AccuracyÂofÂDetecting Regional FunctionalÂAbnormalities. JACC: Cardiovascular Imaging, 2018, 11, 25-34.	5.3	93
27	Comparison of deformation imaging and velocity imaging for detecting regional inducible ischaemia during dobutamine stress echocardiography. European Heart Journal, 2004, 25, 1517-1525.	2.2	91
28	Apical transverse motion as surrogate parameter to determine regional left ventricular function inhomogeneities: a new, integrative approach to left ventricular asynchrony assessment. European Heart Journal, 2008, 30, 959-968.	2.2	77
29	How to do LA strain. European Heart Journal Cardiovascular Imaging, 2020, 21, 715-717.	1.2	76
30	Imaging predictors of response to cardiac resynchronization therapy: left ventricular work asymmetry by echocardiography and septal viability by cardiac magnetic resonance. European Heart Journal, 2020, 41, 3813-3823.	2.2	75
31	Assessment of apical rocking: a new, integrative approach for selection of candidates for cardiac resynchronization therapy. European Journal of Echocardiography, 2010, 11, 863-869.	2.3	74
32	Additive Prognostic Value of Left Ventricular Systolic Dysfunction in a Population-Based Cohort. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	73
33	Strain rate imaging for the assessment of preload-dependent changes in regional left ventricular diastolic longitudinal function. Journal of the American Society of Echocardiography, 2002, 15, 13-19.	2.8	70
34	Left ventricular global myocardial strain assessment comparing the reproducibility of four commercially available CMR-feature tracking algorithms. European Radiology, 2018, 28, 5137-5147.	4.5	65
35	Multimodality imaging in the diagnosis, risk stratification, and management of patients with dilated cardiomyopathies: an expert consensus document from the European Association of Cardiovascular Imaging. European Heart Journal Cardiovascular Imaging, 2019, 20, 1075-1093.	1.2	65
36	How to Define End-Diastole and End-Systole?. JACC: Cardiovascular Imaging, 2015, 8, 148-157.	5.3	63

#	Article	IF	Citations
37	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.	2.8	62
38	Velocities of Naturally Occurring Myocardial Shear Waves Increase With Age and in Cardiac Amyloidosis. JACC: Cardiovascular Imaging, 2019, 12, 2389-2398.	5.3	60
39	Detection of Regional Myocardial Dysfunction in Patients with Acute Myocardial Infarction Using Velocity Vector Imaging. Journal of the American Society of Echocardiography, 2008, 21, 879-886.	2.8	58
40	Dynamic relationship of left-ventricular dyssynchrony and contractile reserve in patients undergoing cardiac resynchronization therapy. European Heart Journal, 2014, 35, 48-55.	2.2	56
41	Ultrasound molecular imaging. Methods, 2009, 48, 92-97.	3.8	55
42	Incremental Value of the En Face View of the Tricuspid Valve by Two-Dimensional and Three-Dimensional Echocardiography for Accurate Identification of Tricuspid Valve Leaflets. Journal of the American Society of Echocardiography, 2014, 27, 376-384.	2.8	54
43	How to do right ventricular strain. European Heart Journal Cardiovascular Imaging, 2020, 21, 825-827.	1.2	52
44	Assessment of mechanical dyssynchrony can improve the prognostic value of guideline-based patient selection for cardiac resynchronization therapy. European Heart Journal Cardiovascular Imaging, 2019, 20, 66-74.	1.2	51
45	Right ventricular longitudinal strain in the clinical routine: a state-of-the-art review. European Heart Journal Cardiovascular Imaging, 2022, 23, 898-912.	1.2	49
46	Natural Shear Wave Imaging in the Human Heart: Normal Values, Feasibility, and Reproducibility. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 442-452.	3.0	47
47	Left Atrial Strain Determinants During theÂCardiac Phases. JACC: Cardiovascular Imaging, 2022, 15, 381-391.	5.3	47
48	Mechanism of Abnormal Septal Motion in Left Bundle Branch Block. JACC: Cardiovascular Imaging, 2019, 12, 2402-2413.	5.3	44
49	Inter-vendor reproducibility and accuracy of segmental left ventricular strain measurements using CMR feature tracking. European Radiology, 2019, 29, 6846-6857.	4.5	42
50	Acute redistribution of regional left ventricular work by cardiac resynchronization therapy determines long-term remodelling. European Heart Journal Cardiovascular Imaging, 2020, 21, 619-628.	1.2	40
51	Regional right ventricular deformation in patients with open and closed atrial septal defect. European Journal of Echocardiography, 2011, 12, 206-213.	2.3	39
52	Left Ventricular Remodeling Results in Homogenization of Myocardial Work Distribution. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007224.	4.8	39
53	Clinical Validation of a Novel Speckle-Trackingâ€“Based Ejection Fraction Assessment Method. Journal of the American Society of Echocardiography, 2011, 24, 1092-1100.	2.8	38
54	The Relation of Ejection Fraction and GlobalÂLongitudinal Strain in Amyloidosis: Implications for Differential Diagnosis. JACC: Cardiovascular Imaging, 2016, 9, 1358-1359.	5.3	38

#	Article	IF	Citations
55	How to optimize intracardiac blood flow tracking by echocardiographic particle image velocimetry? Exploring the influence of data acquisition using computer-generated data sets. European Heart Journal Cardiovascular Imaging, 2012, 13, 490-499.	1.2	37
56	Urinary Proteome and Systolic Blood Pressure as Predictors of 5-Year Cardiovascular and Cardiac Outcomes in a General Population. Hypertension, 2015, 66, 52-60.	2.7	33
57	Timing of myocardial shortening determines left ventricular regional myocardial work and regional remodelling in hearts with conduction delays. European Heart Journal Cardiovascular Imaging, 2018, 19, 941-949.	1.2	33
58	Outcome and determinants of prognosis in patients undergoing isolated tricuspid valve surgery: Retrospective single center analysis. International Journal of Cardiology, 2014, 175, 333-339.	1.7	32
59	Child development at 6 years after maternal cancer diagnosis and treatment during pregnancy. European Journal of Cancer, 2020, 138, 57-67.	2.8	31
60	Can echocardiographic particle image velocimetry correctly detect motion patterns as they occur in blood inside heart chambers? A validation study using moving phantoms. Cardiovascular Ultrasound, 2012, 10, 24.	1.6	29
61	Additional tricuspid annuloplasty in mitral valve surgery results in better clinical outcome. Heart, 2015, 101, 720-726.	2.9	29
62	Is Right Ventricular Remodeling in Pulmonary Hypertension Dependent on Etiology? An Echocardiographic Study. Echocardiography, 2016, 33, 546-554.	0.9	28
63	Right Ventricular Function in Patients With Eisenmenger Syndrome. American Journal of Cardiology, 2012, 109, 1206-1211.	1.6	27
64	Impact of apical foreshortening on deformation measurements: a report from the EACVI-ASE Strain Standardization Task Force. European Heart Journal Cardiovascular Imaging, 2020, 21, 337-343.	1.2	27
65	Clinical value of echocardiographic Doppler-derived right ventricular dp/dt in patients with pulmonary arterial hypertension. European Heart Journal Cardiovascular Imaging, 2014, 15, 1411-1419.	1.2	25
66	A Urinary Fragment of Mucin-1 Subunit Î± Is a Novel Biomarker Associated With Renal Dysfunction in the General Population. Kidney International Reports, 2017, 2, 811-820.	0.8	24
67	Long-Term Outcome After CRT in the Presence of Mechanical Dyssynchrony Seen With Chronic RV Pacing or Intrinsic LBBB. JACC: Cardiovascular Imaging, 2017, 10, 1091-1099.	5.3	24
68	Speckle tracking deformation imaging to detect regional fibrosis in hypertrophic cardiomyopathy: a comparison between 2D and 3D echo modalities. European Heart Journal Cardiovascular Imaging, 2020, 21, 1262-1272.	1.2	24
69	Recent advances in echocardiography: strain and strain rate imaging. F1000Research, 2016, 5, 787.	1.6	23
70	The association of volumetric response and long-term survival after cardiac resynchronization therapy. European Heart Journal Cardiovascular Imaging, 2017, 18, 1109-1117.	1.2	23
71	Relation of regional myocardial structure and function in hypertrophic cardiomyopathy and amyloidosis: a combined two-dimensional speckle tracking and cardiovascular magnetic resonance analysis. European Heart Journal Cardiovascular Imaging, 2019, 20, 426-437.	1.2	23
72	Sex-specific difference in outcome after cardiac resynchronization therapy. European Heart Journal Cardiovascular Imaging, 2019, 20, 504-511.	1.2	23

#	Article	IF	Citations
73	Diastolic left ventricular function in relation to circulating metabolic biomarkers in a population study. European Journal of Preventive Cardiology, 2019, 26, 22-32.	1.8	23
74	Interplay of cardiac remodelling and myocardial stiffness in hypertensive heart disease: a shear wave imaging study using high-frame rate echocardiography. European Heart Journal Cardiovascular Imaging, 2020, 21, 664-672.	1.2	23
75	Shear Wave Elastography Using High-Frame-Rate Imaging in the Follow-Up of Heart Transplantation Recipients. JACC: Cardiovascular Imaging, 2020, 13, 2304-2313.	5.3	22
76	Subclinical left atrial dysfunction profiles for prediction of cardiac outcome in the general population. Journal of Hypertension, 2020, 38, 2465-2474.	0.5	22
77	Diastolic Left Ventricular Function in Relation to Urinary and Serum Collagen Biomarkers in a General Population. PLoS ONE, 2016, 11, e0167582.	2.5	22
78	Assessing cardiac stiffness using ultrasound shear wave elastography. Physics in Medicine and Biology, 2022, 67, 02TR01.	3.0	22
79	Does atrioventricular ring motion always distinguish constriction from restriction? A Doppler myocardial imaging study. Journal of the American Society of Echocardiography, 2001, 14, 391-395.	2.8	21
80	Epidemiologic observations guiding clinical application of a urinary peptidomic marker of diastolic left ventricular dysfunction. Journal of the American Society of Hypertension, 2018, 12, 438-447.e4.	2.3	20
81	Layer-Specific Segmental Longitudinal Strain Measurements: Capability of Detecting Myocardial Scar and Differences in Feasibility, Accuracy, and Reproducibility, Among Four Vendors A Report From the EACVI-ASE Strain Standardization Task Force. Journal of the American Society of Echocardiography, 2019, 32, 624-632.e11.	2.8	20
82	Cardiac Microvascular Endothelial Cells in Pressure Overloadâ€“Induced Heart Disease. Circulation: Heart Failure, 2021, 14, e006979.	3.9	20
83	The Impact of Infarct Location and ExtentÂon LV Motion Patterns. JACC: Cardiovascular Imaging, 2016, 9, 655-664.	5.3	19
84	Right ventricular systolic dysfunction at rest is not related to decreased exercise capacity in patients with a systemic right ventricle. International Journal of Cardiology, 2018, 260, 66-71.	1.7	19
85	New Automatic Tools to Identify Responders toÂCardiac Resynchronization Therapy. Journal of the American Society of Echocardiography, 2016, 29, 966-972.	2.8	18
86	Apical traction: a novel visual echocardiographic parameter to predict survival in patients with pulmonary hypertension. European Heart Journal Cardiovascular Imaging, 2016, 17, 177-183.	1.2	18
87	Validation of a Novel Software Tool for Automatic Aortic Annular Sizing in Three-Dimensional Transesophageal Echocardiographic Images. Journal of the American Society of Echocardiography, 2018, 31, 515-525.e5.	2.8	17
88	Reversibility of severe mitral valve regurgitation after left ventricular assist device implantation: single-centre observations from a real-life population of patientsâ€. European Journal of Cardio-thoracic Surgery, 2018, 53, 1144-1150.	1.4	17
89	Tissue Doppler, Strain and Strain Rate in ischemic heart disease â€œHow I do itâ€• Cardiovascular Ultrasound, 2014, 12, 38.	1.6	16
90	Diastolic Left Ventricular Function in Relation to Circulating Metabolic Biomarkers in a General Population. Journal of the American Heart Association, 2016, 5, e002681.	3.7	16

#	Article	IF	Citations
91	Temporal changes in left ventricular longitudinal strain in general population: Clinical correlates and impact on cardiac remodeling. Echocardiography, 2019, 36, 458-468.	0.9	16
92	Inter-vendor variability in strain measurements depends on software rather than image characteristics. International Journal of Cardiovascular Imaging, 2021, 37, 1689-1697.	1.5	15
93	Non-invasive imaging as the cornerstone of cardiovascular precision medicine. European Heart Journal Cardiovascular Imaging, 2022, 23, 465-475.	1.2	15
94	Functional and haemodynamic assessment of mild-to-moderate pulmonary valve stenosis at rest and during exercise. Heart, 2014, 100, 1354-1359.	2.9	14
95	Right ventricular remodelling after transcatheter pulmonary valve implantation. Catheterization and Cardiovascular Interventions, 2017, 90, 407-417.	1.7	14
96	A Novel 2-D Speckle Tracking Method for High-Frame-Rate Echocardiography. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 1764-1775.	3.0	14
97	Mechanical Effects on Right Ventricular Function From Left Bundle Branch Block and Cardiac Resynchronization Therapy. JACC: Cardiovascular Imaging, 2020, 13, 1475-1484.	5.3	14
98	Direct Stiffness Measurements byÂEchocardiography. JACC: Cardiovascular Imaging, 2019, 12, 1146-1148.	5.3	13
99	Prediction of response to cardiac resynchronization therapy using a multi-feature learning method. International Journal of Cardiovascular Imaging, 2021, 37, 989-998.	1.5	13
100	Transcatheter Edge-to-Edge Repair in Proportionate Versus Disproportionate Functional Mitral Regurgitation. Journal of the American Society of Echocardiography, 2022, 35, 105-115.e8.	2.8	13
101	Application of strain echocardiography in valvular heart diseases. Anatolian Journal of Cardiology, 2020, 23, 244-253.	0.9	13
102	Comparison between Nondedicated and Novel Dedicated Tracking Tool for Right Ventricular and Left Atrial Strain. Journal of the American Society of Echocardiography, 2022, 35, 419-425.	2.8	12
103	Cardiac resynchronization therapy responders can be better identified by specific signatures in myocardial function. European Heart Journal Cardiovascular Imaging, 2016, 17, 132-133.	1.2	10
104	Assessment of aortic valve tract dynamics using automatic tracking of 3D transesophageal echocardiographic images. International Journal of Cardiovascular Imaging, 2019, 35, 881-895.	1.5	10
105	In Vivo Comparison of Multiline Transmission and Diverging Wave Imaging for High-Frame-Rate Speckle-Tracking Echocardiography. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 1511-1520.	3.0	10
106	Relationship of Mechanical Dyssynchrony and LV Remodeling With Improvement of Mitral Regurgitation After CRT. JACC: Cardiovascular Imaging, 2022, 15, 212-220.	5.3	10
107	The Impact of Function-Flow Interaction on Left Ventricular Efficiency in Patients with Conduction Abnormalities: A Particle Image Velocimetry and Tissue Doppler Study. Journal of the American Society of Echocardiography, 2016, 29, 431-440.	2.8	8
108	Speckle-tracking-based global longitudinal and circumferential strain detect early signs of antibody-mediated rejection in heart transplant patients. European Heart Journal Cardiovascular Imaging, 2022, 23, 1520-1529.	1.2	8

#	Article	IF	Citations
109	How Does Regional Hypertrophy Affect Strain Measurements With Different Speckle-Tracking Methods?. Journal of the American Society of Echocardiography, 2019, 32, 1444-1450.	2.8	7
110	Concepts and applications of ultrafast cardiac ultrasound imaging. Echocardiography, 2021, 38, 7-15.	0.9	7
111	Sheep can be used as animal model of regional myocardial remodeling and controllable work. Cardiology Journal, 2019, 26, 375-384.	1.2	7
112	Impact of left bundle branch block on myocardial perfusion and metabolism: A positron emission tomography study. Journal of Nuclear Cardiology, 2021, 28, 1730-1739.	2.1	6
113	Lesion quantification and detection in myocardial 18F-FDG PET using edge-preserving priors and anatomical information from CT and MRI: a simulation study. EJNMMI Physics, 2016, 3, 9.	2.7	5
114	Echocardiographic Stiffness Measurements. JACC: Cardiovascular Imaging, 2021, 14, 1506-1507.	5.3	5
115	Low septal to lateral wall 18F-FDG ratio is highly associated with mechanical dyssynchrony in non-ischemic CRT candidates. EJNMMI Research, 2019, 9, 105.	2.5	5
116	Left ventricular 2D flow pattern estimation by combining speckle tracking with Navier-Stokes-based regularization in an iterative way. , 2011, , .		4
117	Making a black box transparent. European Heart Journal Cardiovascular Imaging, 2013, 14, 201-202.	1.2	4
118	Evaluation of Coherence-Based Beamforming for B-Mode and Speckle Tracking Echocardiography. , 2018, , .		4
119	Sifting Through the Layers of Myocardial Deformation Imaging. Journal of the American Society of Echocardiography, 2019, 32, 102-104.	2.8	4
120	Data describing child development at 6 years after maternal cancer diagnosis and treatment during pregnancy. Data in Brief, 2020, 32, 106209.	1.0	4
121	Why mechanical dyssynchrony remains relevant to cardiac resynchronization therapy: Letter regarding the article â€˜Optimized implementation of cardiac resynchronization therapy: a call for action for referral and optimization of care: a joint position statement from the Heart Failure Association (HFA), European Heart Rhythm Association (EHRA), and European Association of Cardiovascular Imaging (EACVI) of the European Society of Cardiologyâ€™. European Journal of Heart Failure, 2021, 23, 843-844.	7.1	4
122	Right ventricular and cyclic guanosine monophosphate signalling abnormalities in stages B and C of heart failure with preserved ejection fraction. ESC Heart Failure, 2021, , .	3.1	4
123	High-Frame-Rate Speckle Tracking for Echocardiographic Stress Testing. Ultrasound in Medicine and Biology, 2022, 48, 1644-1651.	1.5	4
124	Global myocardial function, regional myocardial function, and the Daemon of Laplace. European Heart Journal Cardiovascular Imaging, 2016, 17, 633-634.	1.2	3
125	Spontaneous mitral valve anterior leaflet perforation. European Heart Journal Cardiovascular Imaging, 2017, 18, 680-680.	1.2	3
126	Left Ventricular Pressure Strainâ€“Derived Myocardial Work at Rest and during Exercise in Patients with Cardiac Amyloidosis. Journal of the American Society of Echocardiography, 2020, 33, 1295-1296.	2.8	3

#	Article	IF	Citations
127	Unmet expectations?. European Heart Journal Cardiovascular Imaging, 2020, 21, 1372-1373.	1.2	3
128	The association of mechanical dyssynchrony and resynchronization therapy with survival in heart failure with a wide QRS complex: a two-world study. International Journal of Cardiovascular Imaging, 2020, 36, 1507-1514.	1.5	3
129	Impaired biventricular contractile reserve in patients with diastolic dysfunction: insights from exercise stress echocardiography. European Heart Journal Cardiovascular Imaging, 2022, 23, 1042-1052.	1.2	3
130	Transmural Wave Speed Gradient May Distinguish Intrinsic Myocardial Stiffening From Preload-Induced Changes in Operational Stiffness in Shear Wave Elastography. IEEE Transactions on Biomedical Engineering, 2023, 70, 259-270.	4.2	3
131	3D cardiac strain estimation using spatio-temporal elastic registration: In-vivo application. , 2008, , .		2
132	A simulation setup to optimize particle flow velocimetry. , 2009, , .		2
133	Notice of Removal: Assessment of myocardial viability using speckle tracking echocardiography at high spatial resolution. , 2017, , .		2
134	Aortic and mitral valve repair for anterior mitral leaflet perforation caused by severe aortic regurgitation. Journal of Visualized Surgery, 2018, 4, 99-99.	0.2	2
135	Machine Learning for Quality Assurance of Myocardial Strain Curves. , 2018, , .		2
136	Singular Value Decomposition Filtering for High Frame Rate Speckle Tracking Echocardiography. , 2021, , .		2
137	The Effect of Different Coherence-Based Beamforming Techniques on the Accuracy of High Frame Rate Speckle Tracking Echocardiography. , 2020, , .		2
138	High frame rate color Doppler to measure intraventricular pressure gradients. , 2020, , .		2
139	Left ventricular 2D flow pattern estimation of the heart by combining speckle tracking with Navier-Stokes based regularization. , 2010, , .		1
140	Pediatric Outcome After Maternal Cancer Diagnosed During Pregnancy. Obstetrical and Gynecological Survey, 2016, 71, 144-146.	0.4	1
141	Inaccuracies in Measuring Velocities and Timing of Flow and Tissue Motion Using High-End Ultrasound Systems. Ultrasound in Medicine and Biology, 2019, 45, 1446-1454.	1.5	1
142	Left ventricular regional glucose metabolism in combination with septal scar extent identifies CRT responders. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2437-2446.	6.4	1
143	Echocardiographic Deformation Imaging for the Assessment of Left Ventricular Function: Clinical Implications and Perspectivesâ€" Update 2014. Current Cardiovascular Imaging Reports, 2014, 7, 1.	0.6	0
144	Hypertrophic cardiomyopathies: similar but not quite the same!. European Heart Journal, 2016, 37, 2203-2203.	2.2	0

#	Article	IF	Citations
145	Prognostic significance of improvement in right ventricular systolic function during cardiac resynchronization therapy. Acta Cardiologica, 2017, 72, 267-275.	0.9	0
146	Rocking makes the difference. Europace, 2018, 20, 393-393.	1.7	0
147	A0188 Epidemiologic observations informing clinical application of a urinary peptidomic marker of diastolic left ventricular dysfunction. Journal of Hypertension, 2018, 36, e2-e3.	0.5	0
148	Pulmonary vein signal in mitral regurgitation. Critical Care, 2018, 22, 123.	5.8	0
149	Cardiac resynchronization therapy as mechanical treatment: a triphasic response?. European Heart Journal Cardiovascular Imaging, 2020, 21, 853-854.	1.2	0
150	Shapes or numbers?. European Heart Journal Cardiovascular Imaging, 2021, 22, 866-867.	1.2	0
151	Echocardiography in the Clinical Evaluation of Heart Failure: What Clinicians Need to know and Echocardiographers Should Report. , 2013, , 91-118.		0
152	Validation of novel biomarkers to assess cardiac diastolic function extracted using a high frame rate speckle tracking algorithm. , 2021, , .		0
153	Building up evidence. European Heart Journal Cardiovascular Imaging, 2022, 23, 496-497.	1.2	0
154	Can nuclear imaging accurately detect scar in ischemic cardiac resynchronization therapy candidates?. Nuclear Medicine Communications, 2022, Publish Ahead of Print, .	1.1	0
155	OUP accepted manuscript. European Heart Journal Cardiovascular Imaging, 2022, , .	1.2	0