

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	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
2	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
3	Relationship of Mechanical Dyssynchrony and LV Remodeling With Improvement of Mitral Regurgitation After CRT. JACC: Cardiovascular Imaging, 2022, 15, 212-220.	5.3	10
4	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
5	Left Atrial Strain Determinants During the Cardiac Phases. JACC: Cardiovascular Imaging, 2022, 15, 381-391.	5.3	47
6	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
7	Assessing cardiac stiffness using ultrasound shear wave elastography. Physics in Medicine and Biology, 2022, 67, 02TR01.	3.0	22
8	Non-invasive imaging as the cornerstone of cardiovascular precision medicine. European Heart Journal Cardiovascular Imaging, 2022, 23, 465-475.	1.2	15
9	Building up evidence. European Heart Journal Cardiovascular Imaging, 2022, 23, 496-497.	1.2	0
10	Can nuclear imaging accurately detect scar in ischemic cardiac resynchronization therapy candidates?. Nuclear Medicine Communications, 2022, Publish Ahead of Print, .	1.1	0
11	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
12	OUP accepted manuscript. European Heart Journal Cardiovascular Imaging, 2022, , .	1.2	0
13	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
14	High-Frame-Rate Speckle Tracking for Echocardiographic Stress Testing. Ultrasound in Medicine and Biology, 2022, 48, 1644-1651.	1.5	4
15	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
16	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
17	Concepts and applications of ultrafast cardiac ultrasound imaging. Echocardiography, 2021, 38, 7-15.	0.9	7
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Why mechanical dyssynchrony remains relevant to cardiac resynchronization therapy. Letter regarding the article "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 Cardiology". European Journal of Heart Failure, 2021, 23, 843-844.	7.1	4
21	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
22	Shapes or numbers?. European Heart Journal Cardiovascular Imaging, 2021, 22, 866-867.	1.2	0
23	Echocardiographic Stiffness Measurements. JACC: Cardiovascular Imaging, 2021, 14, 1506-1507.	5.3	5
24	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
25	Cardiac Microvascular Endothelial Cells in Pressure Overload-Induced Heart Disease. Circulation: Heart Failure, 2021, 14, e006979.	3.9	20
26	Validation of novel biomarkers to assess cardiac diastolic function extracted using a high frame rate speckle tracking algorithm. , 2021, , .		0
27	Singular Value Decomposition Filtering for High Frame Rate Speckle Tracking Echocardiography. , 2021, , .		2
28	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
29	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
30	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
31	Data describing child development at 6 years after maternal cancer diagnosis and treatment during pregnancy. Data in Brief, 2020, 32, 106209.	1.0	4
32	Left Ventricular Pressure Strain-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
33	Child development at 6 years after maternal cancer diagnosis and treatment during pregnancy. European Journal of Cancer, 2020, 138, 57-67.	2.8	31
34	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
35	Unmet expectations?. European Heart Journal Cardiovascular Imaging, 2020, 21, 1372-1373.	1.2	3
36	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

#	ARTICLE	IF	CITATIONS
37	How to do right ventricular strain. European Heart Journal Cardiovascular Imaging, 2020, 21, 825-827.	1.2	52
38	How to do LA strain. European Heart Journal Cardiovascular Imaging, 2020, 21, 715-717.	1.2	76
39	Cardiac resynchronization therapy as mechanical treatment: a triphasic response?. European Heart Journal Cardiovascular Imaging, 2020, 21, 853-854.	1.2	0
40	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
41	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
42	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
43	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
44	Subclinical left atrial dysfunction profiles for prediction of cardiac outcome in the general population. Journal of Hypertension, 2020, 38, 2465-2474.	0.5	22
45	Application of strain echocardiography in valvular heart diseases. Anatolian Journal of Cardiology, 2020, 23, 244-253.	0.9	13
46	The Effect of Different Coherence-Based Beamforming Techniques on the Accuracy of High Frame Rate Speckle Tracking Echocardiography. , 2020, , .		2
47	High frame rate color Doppler to measure intraventricular pressure gradients. , 2020, , .		2
48	Relation of regional myocardial structure and function in hypertrophic cardiomyopathy and amyloids: a combined two-dimensional speckle tracking and cardiovascular magnetic resonance analysis. European Heart Journal Cardiovascular Imaging, 2019, 20, 426-437.	1.2	23
49	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
50	Inter-vendor reproducibility and accuracy of segmental left ventricular strain measurements using CMR feature tracking. European Radiology, 2019, 29, 6846-6857.	4.5	42
51	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
52	2- and 3-Dimensional Myocardial Strain in Cardiac Health and Disease. JACC: Cardiovascular Imaging, 2019, 12, 1849-1863.	5.3	172
53	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
54	Sex-specific difference in outcome after cardiac resynchronization therapy. European Heart Journal Cardiovascular Imaging, 2019, 20, 504-511.	1.2	23

#	ARTICLE	IF	CITATIONS
55	Left Ventricular Remodeling Results in Homogenization of Myocardial Work Distribution. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007224.	4.8	39
56	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. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 624-632.e11.	2.8	20
57	Inaccuracies in Measuring Velocities and Timing of Flow and Tissue Motion Using High-End Ultrasound Systems. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1446-1454.	1.5	1
58	Sifting Through the Layers of Myocardial Deformation Imaging. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 102-104.	2.8	4
59	Velocities of Naturally Occurring Myocardial Shear Waves Increase With Age and in Cardiac Amyloidosis. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2389-2398.	5.3	60
60	Mechanism of Abnormal Septal Motion in Left Bundle Branch Block. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2402-2413.	5.3	44
61	Diastolic left ventricular function in relation to circulating metabolic biomarkers in a population study. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 22-32.	1.8	23
62	Natural Shear Wave Imaging in the Human Heart: Normal Values, Feasibility, and Reproducibility. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2019, 66, 442-452.	3.0	47
63	Temporal changes in left ventricular longitudinal strain in general population: Clinical correlates and impact on cardiac remodeling. <i>Echocardiography</i> , 2019, 36, 458-468.	0.9	16
64	Direct Stiffness Measurements by Echocardiography. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1146-1148.	5.3	13
65	Assessment of mechanical dyssynchrony can improve the prognostic value of guideline-based patient selection for cardiac resynchronization therapy. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 66-74.	1.2	51
66	Low septal to lateral wall 18F-FDG ratio is highly associated with mechanical dyssynchrony in non-ischemic CRT candidates. <i>EJNMMI Research</i> , 2019, 9, 105.	2.5	5
67	Sheep can be used as animal model of regional myocardial remodeling and controllable work. <i>Cardiology Journal</i> , 2019, 26, 375-384.	1.2	7
68	Validation of a Novel Software Tool for Automatic Aortic Annular Sizing in Three-Dimensional Transesophageal Echocardiographic Images. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 515-525.e5.	2.8	17
69	Reversibility of severe mitral valve regurgitation after left ventricular assist device implantation: single-centre observations from a real-life population of patients. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 53, 1144-1150.	1.4	17
70	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. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 374-380.e1.	2.8	62
71	Timing of myocardial shortening determines left ventricular regional myocardial work and regional remodelling in hearts with conduction delays. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 941-949.	1.2	33
72	Epidemiologic observations guiding clinical application of a urinary peptidomic marker of diastolic left ventricular dysfunction. <i>Journal of the American Society of Hypertension</i> , 2018, 12, 438-447.e4.	2.3	20

#	ARTICLE	IF	CITATIONS
73	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. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 591-600.	1.2	891
74	Right ventricular systolic dysfunction at rest is not related to decreased exercise capacity in patients with a systemic right ventricle. <i>International Journal of Cardiology</i> , 2018, 260, 66-71.	1.7	19
75	Intervendor Differences in the Accuracy of Detecting Regional Functional Abnormalities. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 25-34.	5.3	93
76	Variability and Reproducibility of Segmental Longitudinal Strain Measurement. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 15-24.	5.3	149
77	Rocking makes the difference. <i>Europace</i> , 2018, 20, 393-393.	1.7	0
78	Aortic and mitral valve repair for anterior mitral leaflet perforation caused by severe aortic regurgitation. <i>Journal of Visualized Surgery</i> , 2018, 4, 99-99.	0.2	2
79	Machine Learning for Quality Assurance of Myocardial Strain Curves. , 2018, , .		2
80	Evaluation of Coherence-Based Beamforming for B-Mode and Speckle Tracking Echocardiography. , 2018, , .		4
81	A0188 Epidemiologic observations informing clinical application of a urinary peptidomic marker of diastolic left ventricular dysfunction. <i>Journal of Hypertension</i> , 2018, 36, e2-e3.	0.5	0
82	Pulmonary vein signal in mitral regurgitation. <i>Critical Care</i> , 2018, 22, 123.	5.8	0
83	Left ventricular global myocardial strain assessment comparing the reproducibility of four commercially available CMR-feature tracking algorithms. <i>European Radiology</i> , 2018, 28, 5137-5147.	4.5	65
84	Spontaneous mitral valve anterior leaflet perforation. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 680-680.	1.2	3
85	A Urinary Fragment of Mucin-1 Subunit \pm Is a Novel Biomarker Associated With Renal Dysfunction in the General Population. <i>Kidney International Reports</i> , 2017, 2, 811-820.	0.8	24
86	Right ventricular remodelling after transcatheter pulmonary valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 407-417.	1.7	14
87	Echo Parameters for Differential Diagnosis in Cardiac Amyloidosis. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, e005588.	2.6	198
88	Long-Term Outcome After CRT in the Presence of Mechanical Dyssynchrony Seen With Chronic RV Pacing or Intrinsic LBBB. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1091-1099.	5.3	24
89	The association of volumetric response and long-term survival after cardiac resynchronization therapy. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1109-1117.	1.2	23
90	Notice of Removal: Assessment of myocardial viability using speckle tracking echocardiography at high spatial resolution. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
91	Prognostic significance of improvement in right ventricular systolic function during cardiac resynchronization therapy. <i>Acta Cardiologica</i> , 2017, 72, 267-275.	0.9	0
92	Recent advances in echocardiography: strain and strain rate imaging. <i>F1000Research</i> , 2016, 5, 787.	1.6	23
93	Is Right Ventricular Remodeling in Pulmonary Hypertension Dependent on Etiology? An Echocardiographic Study. <i>Echocardiography</i> , 2016, 33, 546-554.	0.9	28
94	Diastolic Left Ventricular Function in Relation to Circulating Metabolic Biomarkers in a General Population. <i>Journal of the American Heart Association</i> , 2016, 5, e002681.	3.7	16
95	Global myocardial function, regional myocardial function, and the Daemon of Laplace. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 633-634.	1.2	3
96	The Impact of Infarct Location and Extent on LV Motion Patterns. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 655-664.	5.3	19
97	Hypertrophic cardiomyopathies: similar but not quite the same!. <i>European Heart Journal</i> , 2016, 37, 2203-2203.	2.2	0
98	New Automatic Tools to Identify Responders to Cardiac Resynchronization Therapy. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 966-972.	2.8	18
99	Additive Prognostic Value of Left Ventricular Systolic Dysfunction in a Population-Based Cohort. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	73
100	Lesion quantification and detection in myocardial 18F-FDG PET using edge-preserving priors and anatomical information from CT and MRI: a simulation study. <i>EJNMMI Physics</i> , 2016, 3, 9.	2.7	5
101	Pediatric Outcome After Maternal Cancer Diagnosed During Pregnancy. <i>Obstetrical and Gynecological Survey</i> , 2016, 71, 144-146.	0.4	1
102	Apical traction: a novel visual echocardiographic parameter to predict survival in patients with pulmonary hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 177-183.	1.2	18
103	Cardiac resynchronization therapy responders can be better identified by specific signatures in myocardial function. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 132-133.	1.2	10
104	The Relation of Ejection Fraction and Global Longitudinal Strain in Amyloidosis: Implications for Differential Diagnosis. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1358-1359.	5.3	38
105	The Impact of Function-Flow Interaction on Left Ventricular Efficiency in Patients with Conduction Abnormalities: A Particle Image Velocimetry and Tissue Doppler Study. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 431-440.	2.8	8
106	Relationship of visually assessed apical rocking and septal flash to response and long-term survival following cardiac resynchronization therapy (PREDICT-CRT). <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 262-269.	1.2	173
107	Accuracy of Echocardiography to Evaluate Pulmonary Vascular and RV Function During Exercise. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 532-543.	5.3	120
108	Diastolic Left Ventricular Function in Relation to Urinary and Serum Collagen Biomarkers in a General Population. <i>PLoS ONE</i> , 2016, 11, e0167582.	2.5	22

#	ARTICLE	IF	CITATIONS
109	Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 233-271.	1.2	5,352
110	Recommendations for Cardiac Chamber Quantification by Echocardiography in Adults: An Update from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1-39.e14.	2.8	10,755
111	Definitions for a Common Standard for 2D Speckle Tracking Echocardiography: Consensus Document of the EACVI/ASE/Industry Task Force to Standardize Deformation Imaging. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 183-193.	2.8	855
112	How to Define End-Diastole and End-Systole?. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 148-157.	5.3	63
113	Additional tricuspid annuloplasty in mitral valve surgery results in better clinical outcome. <i>Heart</i> , 2015, 101, 720-726.	2.9	29
114	Urinary Proteome and Systolic Blood Pressure as Predictors of 5-Year Cardiovascular and Cardiac Outcomes in a General Population. <i>Hypertension</i> , 2015, 66, 52-60.	2.7	33
115	Exercise-induced right ventricular dysfunction is associated with ventricular arrhythmias in endurance athletes. <i>European Heart Journal</i> , 2015, 36, 1998-2010.	2.2	148
116	Head-to-Head Comparison of Global Longitudinal Strain Measurements among Nine Different Vendors. <i>Journal of the American Society of Echocardiography</i> , 2015, 28, 1171-1181.e2.	2.8	517
117	Definitions for a common standard for 2D speckle tracking echocardiography: consensus document of the EACVI/ASE/Industry Task Force to standardize deformation imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1-11.	1.2	830
118	Functional and haemodynamic assessment of mild-to-moderate pulmonary valve stenosis at rest and during exercise. <i>Heart</i> , 2014, 100, 1354-1359.	2.9	14
119	Clinical value of echocardiographic Doppler-derived right ventricular dp/dt in patients with pulmonary arterial hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1411-1419.	1.2	25
120	Dynamic relationship of left-ventricular dyssynchrony and contractile reserve in patients undergoing cardiac resynchronization therapy. <i>European Heart Journal</i> , 2014, 35, 48-55.	2.2	56
121	Echocardiographic Deformation Imaging for the Assessment of Left Ventricular Function: Clinical Implications and Perspectivesâ€” Update 2014. <i>Current Cardiovascular Imaging Reports</i> , 2014, 7, 1.	0.6	0
122	Tissue Doppler, Strain and Strain Rate in ischemic heart disease â€œHow I do itâ€•. <i>Cardiovascular Ultrasound</i> , 2014, 12, 38.	1.6	16
123	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. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 376-384.	2.8	54
124	Outcome and determinants of prognosis in patients undergoing isolated tricuspid valve surgery: Retrospective single center analysis. <i>International Journal of Cardiology</i> , 2014, 175, 333-339.	1.7	32
125	Strain Echocardiography Improves Risk Prediction of Ventricular Arrhythmias After Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2013, 6, 841-850.	5.3	222
126	Making a black box transparent. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 201-202.	1.2	4

#	ARTICLE	IF	CITATIONS
127	Echocardiography in the Clinical Evaluation of Heart Failure: What Clinicians Need to know and Echocardiographers Should Report. , 2013, , 91-118.		0
128	Morphological and Functional Adaptation of the Maternal Heart During Pregnancy. Circulation: Cardiovascular Imaging, 2012, 5, 289-297.	2.6	219
129	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
130	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
131	Right Ventricular Function in Patients With Eisenmenger Syndrome. American Journal of Cardiology, 2012, 109, 1206-1211.	1.6	27
132	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
133	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
134	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
135	Left ventricular 2D flow pattern estimation by combining speckle tracking with Navier-Stokes-based regularization in an iterative way. , 2011, , .		4
136	Regional right ventricular deformation in patients with open and closed atrial septal defect. European Journal of Echocardiography, 2011, 12, 206-213.	2.3	39
137	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
138	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
139	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
140	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
141	The echocardiographic assessment of the right ventricle: what to do in 2010?. European Journal of Echocardiography, 2010, 11, 81-96.	2.3	226
142	Left ventricular 2D flow pattern estimation of the heart by combining speckle tracking with Navier-Stokes based regularization. , 2010, , .		1
143	A simulation setup to optimize particle flow velocimetry. , 2009, , .		2
144	Ultrasound molecular imaging. Methods, 2009, 48, 92-97.	3.8	55

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	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
148	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
149	3D cardiac strain estimation using spatio-temporal elastic registration: In-vivo application. , 2008, , .		2
150	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
151	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
152	Strain-Rate Imaging During Dobutamine Stress Echocardiography Provides Objective Evidence of Inducible Ischemia. Circulation, 2003, 107, 2120-2126.	1.6	375
153	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
154	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
155	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