

No	Article Title	Authors	Article Type	Year	Volum	Issue	Cites 2018	Keywords
1	Challenges for 'diastology': contributions from Japanese researchers	Oki, Takashi; Miyoshi, Hirokazu; Oishi, Yoshifumi; Mizuguchi, Yukio; Iuchi, Arata; Yamada, Hirotsugu; Nakatani, Satoshi	Special Article	2016	14	3	3	Diastology, M-mode echocardiography, Flow velocity Doppler echocardiography, Tissue Doppler echocardiography, 2-D speckle tracking echocardiography, Japanese researchers
2	Evaluation of right atrial function using right atrial speckle tracking analysis in patients with pulmonary artery hypertension	Sakata, Konomi; Uesugi, Yoichiro; Isaka, Aoi; Minamishima, Toshinori; Matsushita, Kenichi; Satoh, Toru; Yoshino, Hideaki	Original Investigation	2016	14	1	2	Speckle tracking imaging, Pulmonary artery hypertension, Right atrial strain, Right atrial function
3	Utility of strain-echocardiography in current clinical practice	Dohi, Kaoru; Sugiura, Emiyo; Ito, Masaaki	Review Article	2016	14	2	2	Speckle-tracking echocardiography, Strain, Left ventricle, Right ventricle
4	Clinical implications of left atrial function assessed by speckle tracking echocardiography	Yuda, Satoshi; Muranaka, Atsuko; Miura, Tetsuji	Review Article	2016	14	3	2	Left atrium, Atrial function, Speckle tracking, Strain imaging, Echocardiography
5	Cardiac aging phenomenon and its clinical features by echocardiography	Xu, Boqing; Daimon, Masao	Review Article	2016	14	4	2	Aging, Echocardiography, Imaging, Diastolic function
6	Accuracy and limitations of vector flow mapping: left ventricular phantom validation using stereo particle image velocimetry	Asami, Rei; Tanaka, Tomohiko; Kawabata, Ken-ichi; Hashiba, Kunio; Okada, Takashi; Nishiyama, Tomohide	Original Investigation	2017	15	2	2	Doppler ultrasound, Ultrasonics, Flow imaging, Cardio-hemodynamics
7	Prevalence and predictors of right ventricular diastolic dysfunction in peripartum cardiomyopathy	Karaye, K. M.; Lindmark, K.; Henein, M. Y.	Original Investigation	2017	15	3	2	Peripartum cardiomyopathy, Right ventricular dysfunction, Nigeria, Diastolic dysfunction, Heart failure
8	Rest and exercise echocardiography for early detection of pulmonary hypertension	Kusunose, Kenya; Yamada, Hirotsugu	Review Article	2016	14	1	1	Connective tissue disease, Pulmonary hypertension, Echocardiography, Stress echocardiography

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9	Exercise echocardiography for structural heart disease	Izumo, Masaki; Akashi, Yoshihiro J.	Review Article	2016	14	1	1	Structural heart disease, Echocardiography, Exercise echocardiography, Aortic stenosis, Mitral regurgitation
10	Carotid atherosclerosis is associated with left ventricular diastolic function	Harada, Masahiko; Tabako, Satoshi	Original Investigation	2016	14	3	1	Carotid intima-media thickness, Carotid atherosclerosis, Left ventricular diastolic function, Echocardiography, Plaque score
11	The effect of chronic renal failure on cardiac function: an experimental study with a rat model	Nakano, Shinya; Masuda, Kasumi; Asanuma, Toshihiko; Nakatani, Satoshi	Original Investigation	2016	14	4	1	Echocardiography, Chronic renal failure, Cardiac function, Cardiorenal syndrome
12	Echocardiographic diagnosis of double-chambered left ventricle	Bilici, Meki; Demir, Fikri; Akin, Alper; Guzel, Abdulmenap; Akdeniz, Osman; Tan, Ilhan	Case image in cardiovascular ultrasound	2016	14	4	1	Double-chambered left ventricle, Children, Echocardiography, Diagnosis
13	Carotid atherosclerosis is associated with left ventricular diastolic function: methodological issue	Ayubi, Erfan; Sani, Mohadeseh	Letter to the Editor	2016	14	4	1	Diastolic Function, Statistical Methodology, Stepwise Multiple Regression, Carotid Atherosclerosis, Stepwise Selection
14	Three-dimensional echocardiography in various types of heart disease: a comparison study of magnetic resonance imaging and 64-slice computed tomography in a real-world population	Squeri, Angelo; Censi, Stefano; Reverberi, Claudio; Gaibazzi, Nicola; Baldelli, Marco; Binno, Simone Maurizio; Properzi, Enrico; Bosi, Stefano	Original Investigation	2017	15	1	1	Real-time three dimensional echocardiography, Ejection fraction, Magnetic resonance, Left ventricular volumes, Computed tomography
15	Left atrial strain assessed by three-dimensional speckle tracking echocardiography predicts atrial fibrillation recurrence after catheter ablation in patients with paroxysmal atrial fibrillation	Mochizuki, Atsushi; Yuda, Satoshi; Fujito, Takefumi; Kawamukai, Mina; Muranaka, Atsuko; Nagahara, Daigo; Shimoshige, Shinya; Hashimoto, Akiyoshi; Miura, Tetsuji	Original Investigation	2017	15	2	1	Atrial fibrillation, Catheter ablation, Echocardiography, Two-dimensional speckle tracking, Three-dimensional speckle tracking

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16	Exercise stress echocardiography in hypertrophic cardiomyopathy	Suzuki, Kengo; Akashi, Yoshihiro J.	Review Article	2017	15	3	1	Exercise stress echocardiography, Hypertrophic cardiomyopathy, Left ventricular outflow tract obstruction, Systolic anterior motion of the mitral valve
17	Right atrial myocardial deformation by two-dimensional speckle tracking echocardiography predicts recurrence in paroxysmal atrial fibrillation	Govindan, Malini; Kiotsekoglou, Anatoli; Saha, Samir K.; Camm, A. John	Original Investigation	2017	15	4	1	Atrial fibrillation, Right atrial strain, Right ventricular strain, Two-dimensional speckle tracking echocardiography
18	Evaluation of left ventricular diastolic function: state of the art after 35 years with Doppler assessment	Smiseth, Otto A.	Review Article	2018	16	2	1	Left ventricular diastolic function, Heart failure with preserved ejection fraction, Pulmonary venous velocities, Mitral velocities, Left atrial pressure, Left ventricular filling pressure
19	Echocardiographic evaluation of cardiac function after cancer chemotherapy	Negishi, Tomoko; Negishi, Kazuaki	Review Article	2018	16	1	1	Cancer therapy-related cardiac dysfunction, Cardiotoxicity, Myocardial strain, Ejection fraction, Anthracycline, Trastuzumab