

Chi-Young Shim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

266
papers

3,975
citations

32
h-index

50
g-index

310
ext. papers

4,733
ext. citations

4.1
avg, IF

5.07
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 266 | Mitral and Aortic Regurgitation in Patients Undergoing Kidney Transplantation: The Natural Course and Factors Associated With Progression.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 809707 | 5.4 | |
| 265 | Prognostic Implications of Left Ventricular Global Longitudinal Strain in Patients With Surgically Treated Mitral Valve Disease and Preserved Ejection Fraction.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 775533 | 5.4 | 1 |
| 264 | Temporal Trends in Diagnosis, Treatments, and Outcomes in Patients With Bicuspid Aortic Valve. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 766430 | 5.4 | 0 |
| 263 | Usefulness of cardiac magnetic resonance images for prediction of sudden cardiac arrest in patients with mitral valve prolapse: a multicenter retrospective cohort study. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 546 | 2.3 | 0 |
| 262 | Transcatheter Aortic Valve Replacement with Minimal Contrast Dye in Patients with Renal Insufficiency. <i>Yonsei Medical Journal</i> , 2021 , 62, 990-996 | 3 | 1 |
| 261 | Sex Differences in Mitral Annular Calcification and the Clinical Implications. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 736040 | 5.4 | |
| 260 | Stress Testing in Heart Failure with Preserved Ejection Fraction. <i>Heart Failure Clinics</i> , 2021 , 17, 435-445 | 3.3 | 2 |
| 259 | Left Ventricular Global Longitudinal Strain Is Associated With Cardiovascular Outcomes in Patients Who Underwent Permanent Pacemaker Implantation. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 705778 | 5.4 | |
| 258 | Randomized, Controlled Trial to Evaluate the Effect of Dapagliflozin on Left Ventricular Diastolic Function in Patients With Type 2 Diabetes Mellitus: The IDRIA Trial. <i>Circulation</i> , 2021 , 143, 510-512 | 16.7 | 20 |
| 257 | Differentiation of left atrial appendage thrombus from circulatory stasis using cardiac CT radiomics in patients with valvular heart disease. <i>European Radiology</i> , 2021 , 31, 1130-1139 | 8 | 7 |
| 256 | Comparison of Transcatheter Aortic Valve Replacement between Self-Expanding versus Balloon-Expandable Valves in Patients with Small Aortic Annulus. <i>Korean Circulation Journal</i> , 2021 , 51, 222-231 | 2.2 | 3 |
| 255 | Structural and Functional Characteristics of Mitral Paravalvular Leakage Identified by Multimodal Imaging and Their Implication on Clinical Presentation. <i>Journal of Clinical Medicine</i> , 2021 , 10, | 5.1 | 2 |
| 254 | Transcatheter Aortic Valve Replacement versus Sutureless Aortic Valve Replacement: A Single Center Retrospective Cohort Study. <i>Yonsei Medical Journal</i> , 2021 , 62, 885-894 | 3 | 0 |
| 253 | Efficacy and safety of edoxaban in patients early after surgical bioprosthetic valve implantation or valve repair: A randomized clinical trial. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2021 , | 1.5 | 11 |
| 252 | Subclinical Thrombosis on Mechanical Aortic Valve: Should Cardiac Computed Tomography Be Included in Routine Evaluation?. <i>Korean Circulation Journal</i> , 2021 , 51, 471-473 | 2.2 | 0 |
| 251 | Clinical Outcomes of Transcatheter Aortic Valve Implantation for Native Aortic Valves in Patients with Low Coronary Heights. <i>Yonsei Medical Journal</i> , 2021 , 62, 209-214 | 3 | |
| 250 | Pre-procedural determination of device size in left atrial appendage occlusion using three-dimensional cardiac computed tomography.. <i>Scientific Reports</i> , 2021 , 11, 24107 | 4.9 | 2 |

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|-----|---|-----|----|
| 249 | Prevalence, functional characteristics, and clinical significance of right ventricular involvement in patients with hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2020 , 10, 21908 | 4.9 | 6 |
| 248 | Association of Left Ventricular Global Longitudinal Strain during Dobutamine Stress Echocardiography with Adverse Events in Patients with Severe Low-Flow, Low-Gradient Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1424-1425 | 5.8 | |
| 247 | Effectiveness of Fimasartan and Rosuvastatin Combination Treatment in Hypertensive Patients With Dyslipidemia. <i>Clinical Therapeutics</i> , 2020 , 42, 1058-1066.e3 | 3.5 | |
| 246 | Malignant pericardial mesothelioma: diagnostic clues in multimodality imaging. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 1385 | 2.5 | 0 |
| 245 | Prevalence, predictors, and prognosis of tricuspid regurgitation following permanent pacemaker implantation. <i>PLoS ONE</i> , 2020 , 15, e0235230 | 3.7 | 5 |
| 244 | Characteristics and Implications of Left Atrial Calcium on Cardiac Computed Tomography in Patients With Earlier Mitral Valve Operation. <i>American Journal of Cardiology</i> , 2020 , 128, 60-66 | 3 | 1 |
| 243 | Morphological and functional characteristics of mitral annular calcification and their relationship to stroke. <i>PLoS ONE</i> , 2020 , 15, e0227753 | 3.7 | 12 |
| 242 | Risk Factors for Closure Failure following Percutaneous Transfemoral Transcatheter Aortic Valve Implantation. <i>Annals of Vascular Surgery</i> , 2020 , 66, 406-414 | 1.7 | 3 |
| 241 | Degenerative Mitral Stenosis Versus Rheumatic Mitral Stenosis. <i>American Journal of Cardiology</i> , 2020 , 125, 1536-1542 | 3 | 3 |
| 240 | Primary cardiac chondrosarcoma mimicking chronic pulmonary thromboembolism in multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 235 | 4.1 | 2 |
| 239 | A Case of Successful MitraClip for Severe Mitral Regurgitation with Left Ventricular Dysfunction in Korea. <i>Korean Circulation Journal</i> , 2020 , 50, 836-838 | 2.2 | |
| 238 | Cardiac Manifestations of Coronavirus Disease 2019 (COVID-19): a Multicenter Cohort Study. <i>Journal of Korean Medical Science</i> , 2020 , 35, e366 | 4.7 | 4 |
| 237 | Acute Localized Myocarditis: Role of Speckle Tracking Echocardiography. <i>Korean Circulation Journal</i> , 2020 , 50, 638-640 | 2.2 | 0 |
| 236 | Heart Failure with Preserved Ejection Fraction: the Major Unmet Need in Cardiology. <i>Korean Circulation Journal</i> , 2020 , 50, 1051-1061 | 2.2 | 9 |
| 235 | Normal Reference Values for Left Atrial Strain and Its Determinants from a Large Korean Multicenter Registry. <i>Journal of Cardiovascular Imaging</i> , 2020 , 28, 186-198 | 1.3 | 11 |
| 234 | Unmasked Obstructive Hypertrophic Cardiomyopathy after Mitral Valve Repair for Severe Mitral Regurgitation. <i>Korean Circulation Journal</i> , 2020 , 50, 461-463 | 2.2 | |
| 233 | Pulmonary Artery Obstruction Caused by Leiomyosarcoma. <i>Korean Circulation Journal</i> , 2020 , 50, 1127-1128 | | |
| 232 | Lipid-Lowering Efficacy and Safety of a New Generic Rosuvastatin in Koreans: an 8-Week Randomized Comparative Study with a Proprietary Rosuvastatin. <i>Journal of Lipid and Atherosclerosis</i> , 2020 , 9, 283-290 | 3 | 2 |

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| 231 | Contemporary Multimodality Imaging for Cardiovascular Behät Disease. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2435-2444 | 8.4 | 2 |
| 230 | Characteristics and prognostic implications of tricuspid regurgitation in patients with arrhythmogenic cardiomyopathy. <i>ESC Heart Failure</i> , 2020 , 7, 2933-2940 | 3.7 | 2 |
| 229 | Features of cardiac cavernous haemangioma in multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 114 | 4.1 | 2 |
| 228 | Carney complex: Cardiac and extra-cardiac features. <i>European Heart Journal</i> , 2020 , 41, 193 | 9.5 | |
| 227 | Progression and Outcomes of Non-dysfunctional Bicuspid Aortic Valve: Longitudinal Data From a Large Korean Bicuspid Aortic Valve Registry. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 603323 | 5.4 | 2 |
| 226 | Predicting Disease Progression in Patients with Bicuspid Aortic Stenosis Using Mathematical Modeling. <i>Journal of Clinical Medicine</i> , 2019 , 8, | 5.1 | 3 |
| 225 | PRavastatin Versus FLUVastatin After Statin Intolerance: The PRUV-Intolerance Study With Propensity Score Matching. <i>American Journal of Medicine</i> , 2019 , 132, 1320-1326.e1 | 2.4 | 4 |
| 224 | Benefit of Four-Dimensional Computed Tomography Derived Ejection Fraction of the Left Atrial Appendage to Predict Thromboembolic Risk in the Patients with Valvular Heart Disease. <i>Korean Circulation Journal</i> , 2019 , 49, 173-180 | 2.2 | 3 |
| 223 | Statin and clinical outcomes of primary prevention in individuals aged >75 years: The SCOPE-75 study. <i>Atherosclerosis</i> , 2019 , 284, 31-36 | 3.1 | 18 |
| 222 | Utility of Cardiac CT for Preoperative Evaluation of Mitral Regurgitation: Morphological Evaluation of Mitral Valve and Prediction of Valve Replacement. <i>Korean Journal of Radiology</i> , 2019 , 20, 352-363 | 6.9 | 6 |
| 221 | Ventricular Stiffness and Ventricular-Arterial Coupling in Heart Failure: What Is It, How to Assess, and Why?. <i>Heart Failure Clinics</i> , 2019 , 15, 267-274 | 3.3 | 7 |
| 220 | Tricuspid annular diameter and right ventricular volume on preoperative cardiac CT can predict postoperative right ventricular dysfunction in patients who undergo tricuspid valve surgery. <i>International Journal of Cardiology</i> , 2019 , 288, 44-50 | 3.2 | 2 |
| 219 | Iliac Artery Rupture and Retroperitoneal Migration of a Stent Graft during Transcatheter Aortic Valve Replacement. <i>Korean Circulation Journal</i> , 2019 , 49, 280-281 | 2.2 | 1 |
| 218 | Continuous Positive Airway Pressure Therapy Restores Cardiac Mechanical Function in Patients With Severe Obstructive Sleep Apnea: A Randomized, Sham-Controlled Study. <i>Journal of the American Society of Echocardiography</i> , 2019 , 32, 826-835 | 5.8 | 15 |
| 217 | Prevalence, Characteristics, and Clinical Significance of Concomitant Cardiomyopathies in Subjects with Bicuspid Aortic Valves. <i>Yonsei Medical Journal</i> , 2019 , 60, 816-823 | 3 | 4 |
| 216 | Differences in Flow-Gradient Patterns Between Severe Bicuspid Aortic Stenosis and Severe Tricuspid Aortic Stenosis - Mechanistic Insight From Multimodal Imaging. <i>Circulation Journal</i> , 2019 , 84, 119-126 | 2.9 | 3 |
| 215 | Infective Endocarditis in Cancer Patients - Causative Organisms, Predisposing Procedures, and Prognosis Differ From Infective Endocarditis in Non-Cancer Patients. <i>Circulation Journal</i> , 2019 , 83, 452-460 | 2.9 | 9 |
| 214 | Accessory pathway-related left ventricular wall motion abnormality and the effects of radiofrequency catheter ablation in patients with Wolff-Parkinson-White syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 102-108 | 2.7 | 6 |

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| 213 | Favorable neurological outcome after ischemic cerebrovascular events in patients treated with percutaneous left atrial appendage occlusion compared with warfarin. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 94, E23-E29 | 2.7 | 2 |
| 212 | Assessment of multidirectional movements of the common carotid artery in atherothrombotic stroke using dimensional speckle tracking carotid ultrasonography: A prospective, controlled cohort study. <i>Echocardiography</i> , 2018 , 35, 957-964 | 1.5 | 2 |
| 211 | Different Characteristics, Clinical Outcomes, and Left Atrial Reverse Remodeling in Patients with Mitral Stenosis Maintaining Sinus Rhythm for at Least 10 Years after Successful Percutaneous Mitral Valvuloplasty. <i>Cardiology</i> , 2018 , 140, 14-20 | 1.6 | 2 |
| 210 | Effects of continuous positive airway pressure therapy on left ventricular diastolic function: a randomised, sham-controlled clinical trial. <i>European Respiratory Journal</i> , 2018 , 51, | 13.6 | 18 |
| 209 | Incremental predictive value of carotid arterial strain in patients with stroke. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 893-902 | 2.5 | 3 |
| 208 | Complicated infective endocarditis on mitral annular calcification with left ventricular pseudoaneurysm. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, 886 | 3 | |
| 207 | Post-operative left atrial volume index is a predictor of the occurrence of permanent atrial fibrillation after mitral valve surgery in patients who undergo mitral valve surgery. <i>Cardiovascular Ultrasound</i> , 2018 , 16, 5 | 2.4 | 8 |
| 206 | Comparison of Cardiac Computed Tomography With Transesophageal Echocardiography for Identifying Vegetation and Intracardiac Complications in Patients With Infective Endocarditis in the Era of 3-Dimensional Images. <i>Circulation: Cardiovascular Imaging</i> , 2018 , 11, e006986 | 3.9 | 43 |
| 205 | Feasibility of Left Atrial Appendage Occlusion for Left Atrial Appendage Thrombus in Patients With Persistent Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2018 , 121, 1534-1539 | 3 | 17 |
| 204 | Predictors of Long-Term Outcomes of Percutaneous Mitral Valvuloplasty in Patients with Rheumatic Mitral Stenosis. <i>Yonsei Medical Journal</i> , 2018 , 59, 273-278 | 3 | 5 |
| 203 | Usefulness of Left Ventricular Vortex Flow Analysis for Predicting Clinical Outcomes in Patients with Chronic Heart Failure: A Quantitative Vorticity Imaging Study Using Contrast Echocardiography. <i>Ultrasound in Medicine and Biology</i> , 2018 , 44, 1951-1959 | 3.5 | 10 |
| 202 | Adverse effects of left ventricular electrical dyssynchrony on cardiac reverse remodeling and prognosis after aortic valve surgery. <i>Journal of Cardiology</i> , 2018 , 72, 385-392 | 3 | 1 |
| 201 | Impact of Ambulatory Blood Pressure on Early Cardiac and Renal Dysfunction in Hypertensive Patients without Clinically Apparent Target Organ Damage. <i>Yonsei Medical Journal</i> , 2018 , 59, 265-272 | 3 | 3 |
| 200 | Normal reference values of diastolic strain rate in healthy individuals: Chronological trends and the comparison according to genders. <i>Echocardiography</i> , 2018 , 35, 1533-1541 | 1.5 | 3 |
| 199 | Association of non-alcoholic steatohepatitis with subclinical myocardial dysfunction in non-cirrhotic patients. <i>Journal of Hepatology</i> , 2018 , 68, 764-772 | 13.4 | 55 |
| 198 | Different infarction patterns in patients with aortic atheroma compared to those with cardioembolism or large artery atherosclerosis. <i>Journal of Neurology</i> , 2018 , 265, 151-158 | 5.5 | 7 |
| 197 | A16531 Effects of continuous positive airway pressure therapy on arterial stiffness, 24 hour-ambulatory blood pressure and ventricular-vascular coupling in subjects with hypertension. <i>Journal of Hypertension</i> , 2018 , 36, e240-e241 | 1.9 | |
| 196 | A16547 The Association of Central Aortic Stiffness with Left Atrial Phasic Function in Patients with Hypertension. <i>Journal of Hypertension</i> , 2018 , 36, e241 | 1.9 | |

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| 195 | Changes of body composition after valve surgery in patients with mitral valve disease. <i>PLoS ONE</i> , 2018 , 13, e0203798 | 3.7 | 1 |
| 194 | Effect of fenofibrate in 1113 patients at low-density lipoprotein cholesterol goal but high triglyceride levels: Real-world results and factors associated with triglyceride reduction. <i>PLoS ONE</i> , 2018 , 13, e0205006 | 3.7 | 5 |
| 193 | A multicenter, randomized, and double-blind phase IV clinical trial to compare the efficacy and safety of fixed-dose combinations of amlodipine orotate/valsartan 5/160 mg versus valsartan/hydrochlorothiazide 160/12.5 mg in patients with essential hypertension uncontrolled by valsartan 160 mg monotherapy. <i>Medicine (United States)</i> , 2018 , 97, e12329 | 1.8 | 2 |
| 192 | Sinus node dysfunction after surgical atrial fibrillation ablation with concomitant mitral valve surgery: Determinants and clinical outcomes. <i>PLoS ONE</i> , 2018 , 13, e0203828 | 3.7 | 2 |
| 191 | Dynamic change in left ventricular apical back rotation: a marker of diastolic suction with exercise. <i>European Heart Journal Cardiovascular Imaging</i> , 2018 , 19, 12-19 | 4.1 | 7 |
| 190 | The efficacy and safety of co-administration of fimasartan and rosuvastatin to patients with hypertension and dyslipidemia. <i>BMC Pharmacology & Toxicology</i> , 2017 , 18, 2 | 2.6 | 8 |
| 189 | Clinical Implications of Three-Dimensional Real-Time Color Doppler Transthoracic Echocardiography in Quantifying Mitral Regurgitation: A Comparison with Conventional Two-Dimensional Methods. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 393-403.e7 | 5.8 | 21 |
| 188 | Long-term outcome of patients with triphasic mitral flow with a mid-diastolic L wave: prognostic role of left atrial volume and N-terminal pro-brain natriuretic peptide. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 1377-1384 | 2.5 | 8 |
| 187 | Factors Determining Aortic Valve Dysfunction in Korean Subjects With a Bicuspid Aortic Valve. <i>American Journal of Cardiology</i> , 2017 , 119, 2049-2055 | 3 | 7 |
| 186 | Contrast-enhanced T1 mapping-based extracellular volume fraction independently predicts clinical outcome in patients with non-ischemic dilated cardiomyopathy: a prospective cohort study. <i>European Radiology</i> , 2017 , 27, 3924-3933 | 8 | 30 |
| 185 | Assessment of myocardial viability based on dual-energy computed tomography in patients with chronic myocardial infarction: comparison with magnetic resonance imaging. <i>Clinical Imaging</i> , 2017 , 46, 8-13 | 2.7 | 1 |
| 184 | Delayed left atrial appendage contrast filling in computed tomograms after percutaneous left atrial appendage occlusion. <i>Journal of Cardiology</i> , 2017 , 70, 571-577 | 3 | 6 |
| 183 | Differential Impact of Net Atrioventricular Compliance on Clinical Outcomes in Patients with Mitral Stenosis According to Cardiac Rhythm. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 552-560 | 5.8 | 3 |
| 182 | Determinants and Prognostic Significance of Symptomatic Status in Patients with Moderately Dysfunctional Bicuspid Aortic Valves. <i>PLoS ONE</i> , 2017 , 12, e0169285 | 3.7 | 4 |
| 181 | Differences in left ventricular functional adaptation to arterial stiffness and neurohormonal activation in patients with hypertension: a study with two-dimensional layer-specific speckle tracking echocardiography. <i>Clinical Hypertension</i> , 2017 , 23, 21 | 4.8 | 15 |
| 180 | Prognostic Application of Thoracic Aortic Calcium Scoring for Adverse Clinical Outcome Risk in Elderly Patients with Left Ventricular Hypertrophy. <i>Korean Circulation Journal</i> , 2017 , 47, 918-928 | 2.2 | 2 |
| 179 | Cardiotoxicity of trastuzumab in patients with HER2-positive gastric cancer. <i>Oncotarget</i> , 2017 , 8, 61837-61845 | 9.5 | 10 |
| 178 | Simultaneous Closure of a Left Atrial Appendage through an Atrial Septal Defect and the Atrial Septal Defect. <i>Yonsei Medical Journal</i> , 2017 , 58, 1237-1240 | 3 | 1 |

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| 177 | Deceleration time of left ventricular outflow tract flow as a simple surrogate marker for central haemodynamics at rest and as well as during exercise. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 568-575 | 4.1 | 2 |
| 176 | Prognostic significance of interventricular septal thickness in patients with AL amyloidosis. <i>Leukemia Research</i> , 2017 , 60, 36-43 | 2.7 | 2 |
| 175 | A solitary cardiac plasmacytoma: features in multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 941 | 4.1 | 2 |
| 174 | Association of Thoracic Aorta Calcium Score With Left Ventricular Hypertrophy and Clinical Outcomes in Patients With Severe Aortic Stenosis After Aortic Valve Replacement. <i>Annals of Thoracic Surgery</i> , 2017 , 103, 74-81 | 2.7 | 8 |
| 173 | Characteristics of Carotid Artery Structure and Mechanical Function and Their Relationships with Aortopathy in Patients with Bicuspid Aortic Valves. <i>Frontiers in Physiology</i> , 2017 , 8, 622 | 4.6 | 5 |
| 172 | Current Awareness and Use of the Strain Echocardiography in Routine Clinical Practices: Result of a Nationwide Survey in Korea. <i>Journal of Cardiovascular Imaging</i> , 2017 , 25, 91-97 | 0 | 3 |
| 171 | Preoperative cardiac evaluation with transthoracic echocardiography before non-cardiac surgery. <i>Korean Journal of Anesthesiology</i> , 2017 , 70, 390-397 | 3.8 | 7 |
| 170 | Detection of mechanical complications related to the potential risk of sudden cardiac death in patients with pulmonary arterial hypertension by computed tomography. <i>International Journal of Cardiology</i> , 2017 , 243, 460-465 | 3.2 | 10 |
| 169 | Normal Echocardiographic Measurements in a Korean Population Study: Part II. Doppler and Tissue Doppler Imaging. <i>Journal of Cardiovascular Imaging</i> , 2016 , 24, 144-52 | 0 | 12 |
| 168 | Left Atrial Appendage Occlusion in Non-Valvular Atrial Fibrillation in a Korean Multi-Center Registry. <i>Circulation Journal</i> , 2016 , 80, 1123-30 | 2.9 | 19 |
| 167 | Preclinical assessment of a modified Occlutech left atrial appendage closure device in a canine model. <i>International Journal of Cardiology</i> , 2016 , 221, 413-8 | 3.2 | 9 |
| 166 | A trace of acrylic bone cement: from spine to heart. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 470 | 4.1 | |
| 165 | Assessment of Mitral Paravalvular Leakage After Mitral Valve Replacement Using Cardiac Computed Tomography: Comparison With Surgical Findings. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9, | 3.9 | 21 |
| 164 | Association of Thoracic Aorta Calcium Score With Exercise Blood Pressure Response and Clinical Outcomes in Elderly Individuals: Differential Impact of Aorta Calcification Compared With Coronary Artery Calcification. <i>Journal of the American Heart Association</i> , 2016 , 5, | 6 | 7 |
| 163 | Screening of Mechanical Complications of Dilated Pulmonary Artery Related to the Risk for Sudden Cardiac Death in Patients with Pulmonary Arterial Hypertension by Transthoracic Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2016 , 29, 561-6 | 5.8 | 6 |
| 162 | An unusual cause of early aortic bioprosthetic valve failure. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 428 | 4.1 | |
| 161 | Left Atrial Volume as a Predictor of Left Ventricular Functional Recovery in Patients With Dilated Cardiomyopathy and Absence of Delayed Enhancement in Cardiac Magnetic Resonance. <i>Journal of Cardiac Failure</i> , 2016 , 22, 265-71 | 3.3 | 9 |
| 160 | Left ventricular diastolic dysfunction is associated with atrial remodeling and risk or presence of stroke in patients with paroxysmal atrial fibrillation. <i>Journal of Cardiology</i> , 2016 , 68, 104-9 | 3 | 23 |

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| 159 | Impact of D-Dimer for Prediction of Incident Occult Cancer in Patients with Unprovoked Venous Thromboembolism. <i>PLoS ONE</i> , 2016 , 11, e0153514 | 3.7 | 15 |
| 158 | Incidence, Predictors, and Clinical Outcomes of Postoperative Cardiac Tamponade in Patients Undergoing Heart Valve Surgery. <i>PLoS ONE</i> , 2016 , 11, e0165754 | 3.7 | 9 |
| 157 | The Association of Family History of Premature Cardiovascular Disease or Diabetes Mellitus on the Occurrence of Gestational Hypertensive Disease and Diabetes. <i>PLoS ONE</i> , 2016 , 11, e0167528 | 3.7 | 9 |
| 156 | Normal 2-Dimensional Strain Values of the Left Ventricle: A Substudy of the Normal Echocardiographic Measurements in Korean Population Study. <i>Journal of Cardiovascular Imaging</i> , 2016 , 24, 285-293 | 0 | 20 |
| 155 | Prosthesis-Patient Mismatch after Mitral Valve Replacement: Comparison of Different Methods of Effective Orifice Area Calculation. <i>Yonsei Medical Journal</i> , 2016 , 57, 328-36 | 3 | 13 |
| 154 | The Value of Elastic Modulus Index as a Novel Surrogate Marker for Cardiovascular Risk Stratification by Dimensional Speckle-Tracking Carotid Ultrasonography. <i>Journal of Cardiovascular Imaging</i> , 2016 , 24, 215-222 | 0 | 3 |
| 153 | Incremental Value of Left Atrial Global Longitudinal Strain for Prediction of Post Stroke Atrial Fibrillation in Patients with Acute Ischemic Stroke. <i>Journal of Cardiovascular Imaging</i> , 2016 , 24, 20-7 | 0 | 19 |
| 152 | Association between Aortic Atheroma and Cerebral Small Vessel Disease in Patients with Ischemic Stroke. <i>Journal of Stroke</i> , 2016 , 18, 312-320 | 5.6 | 36 |
| 151 | Advanced Left Atrial Remodeling and Appendage Contractile Dysfunction in Women Than in Men Among the Patients With Atrial Fibrillation: Potential Mechanism for Stroke. <i>Journal of the American Heart Association</i> , 2016 , 5, | 6 | 19 |
| 150 | Fabry disease in patients with hypertrophic cardiomyopathy: a practical approach to diagnosis. <i>Journal of Human Genetics</i> , 2016 , 61, 775-80 | 4.3 | 14 |
| 149 | Clinical Implications and Determinants of Left Atrial Mechanical Dysfunction in Patients With Stroke. <i>Stroke</i> , 2016 , 47, 1444-51 | 6.7 | 25 |
| 148 | Added value of cardiac computed tomography for evaluation of mechanical aortic valve: Emphasis on evaluation of pannus with surgical findings as standard reference. <i>International Journal of Cardiology</i> , 2016 , 214, 454-60 | 3.2 | 22 |
| 147 | Effect of End-Stage Renal Disease on Rate of Progression of Aortic Stenosis. <i>American Journal of Cardiology</i> , 2016 , 117, 1972-7 | 3 | 17 |
| 146 | Differences in Characteristics, Left Atrial Reverse Remodeling, and Functional Outcomes after Mitral Valve Replacement in Patients with Low-Gradient Very Severe Mitral Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2016 , 29, 759-767 | 5.8 | 13 |
| 145 | Time course of left atrial reverse remodelling after mitral valve surgery and the impact of left ventricular global longitudinal strain in patients with chronic severe mitral regurgitation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016 , 23, 876-882 | 1.8 | 3 |
| 144 | A mitral valve myxoma: surgeon's three dimensional views in a beating heart. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 998-999 | 3 | |
| 143 | Transient apical wall thickening in patients with stress cardiomyopathy: Prevalence, profile, and impact on clinical course. <i>International Journal of Cardiology</i> , 2015 , 194, 87-92 | 3.2 | 5 |
| 142 | Molecular Imaging of Platelet-Endothelial Interactions and Endothelial von Willebrand Factor in Early and Mid-Stage Atherosclerosis. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8, e002765 | 3.9 | 43 |

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|-----|--|------|-----|
| 141 | Late Bacterial Endocarditis and Abscess Formation After Implantation of an Amplatzer Septal Occluder Device. <i>Circulation</i> , 2015 , 131, e536-8 | 16.7 | 11 |
| 140 | Inverse association between central obesity and arterial stiffness in Korean subjects with metabolic syndrome: a cross-sectional cohort study. <i>Diabetology and Metabolic Syndrome</i> , 2015 , 7, 3 | 5.6 | 12 |
| 139 | Clinical impact of quantitative left atrial vortex flow analysis in patients with atrial fibrillation: a comparison with invasive left atrial voltage mapping. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 1139-48 | 2.5 | 1 |
| 138 | Evaluation of the predictive value of coronary artery calcium score for obstructive coronary artery disease in asymptomatic Korean patients with type 2 diabetes mellitus. <i>Coronary Artery Disease</i> , 2015 , 26, 150-6 | 1.4 | 7 |
| 137 | Automatic quantification of aortic regurgitation using 3D full volume color doppler echocardiography: a validation study with cardiac magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 1379-89 | 2.5 | 15 |
| 136 | Association of aortic phenotypes and mechanical function with left ventricular diastolic function in subjects with normally functioning bicuspid aortic valves and comparison to subjects with tricuspid aortic valves. <i>American Journal of Cardiology</i> , 2015 , 116, 1547-54 | 3 | 21 |
| 135 | Effect of Intravascular Ultrasound-Guided vs Angiography-Guided Everolimus-Eluting Stent Implantation: The IVUS-XPL Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 2155-63 | 27.4 | 258 |
| 134 | Automated quantification of left atrial size using three-beat averaging real-time three dimensional Echocardiography in patients with atrial fibrillation. <i>Cardiovascular Ultrasound</i> , 2015 , 13, 38 | 2.4 | 7 |
| 133 | Aortic calcification is associated with arterial stiffening, left ventricular hypertrophy, and diastolic dysfunction in elderly male patients with hypertension. <i>Journal of Hypertension</i> , 2015 , 33, 1633-41 | 1.9 | 34 |
| 132 | Impact of central haemodynamics on left ventricular function in individuals with an exaggerated blood pressure response to exercise. <i>Journal of Hypertension</i> , 2015 , 33, 612-20; discussion 620 | 1.9 | 11 |
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