

Chi-Young Shim

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5332374/chi-young-shim-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
265	Left atrial appendage thrombi in stroke patients: detection with two-phase cardiac CT angiography versus transesophageal echocardiography. <i>Radiology</i> , 2009 , 251, 683-90	20.5	124
264	Sex differences in central hemodynamics and their relationship to left ventricular diastolic function. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 1226-33	15.1	122
263	Lipocalin-2 induces cardiomyocyte apoptosis by increasing intracellular iron accumulation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 4808-17	5.4	88
262	Relation of genetic polymorphisms in the cytochrome P450 gene with clopidogrel resistance after drug-eluting stent implantation in Koreans. <i>American Journal of Cardiology</i> , 2009 , 104, 46-51	3	87
261	Mesenchymal stem cells pretreated with delivered Hph-1-Hsp70 protein are protected from hypoxia-mediated cell death and rescue heart functions from myocardial injury. <i>Stem Cells</i> , 2009 , 27, 2283-92	5.8	77
260	Tissue transglutaminase is essential for integrin-mediated survival of bone marrow-derived mesenchymal stem cells. <i>Stem Cells</i> , 2007 , 25, 1431-8	5.8	74
259	High left atrial pressures are associated with advanced electroanatomical remodeling of left atrium and independent predictors for clinical recurrence of atrial fibrillation after catheter ablation. <i>Heart Rhythm</i> , 2014 , 11, 953-60	6.7	69
258	Left atrial volume index: a predictor of adverse outcome in patients with hypertrophic cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1338-43	5.8	67
257	Patent foramen ovale: diagnosis with multidetector CT--comparison with transesophageal echocardiography. <i>Radiology</i> , 2009 , 250, 61-7	20.5	65
256	Prediction of left atrial fibrosis with speckle tracking echocardiography in mitral valve disease: a comparative study with histopathology. <i>Korean Circulation Journal</i> , 2012 , 42, 311-8	2.2	64
255	Thrombus in the left atrial appendage in stroke patients: detection with cardiac CT angiography--a preliminary report. <i>Radiology</i> , 2008 , 249, 81-7	20.5	62
254	Cardiac computed tomographic angiography for detection of cardiac sources of embolism in stroke patients. <i>Stroke</i> , 2009 , 40, 2073-8	6.7	58
253	Clinical outcomes of exercise-induced pulmonary hypertension in subjects with preserved left ventricular ejection fraction: implication of an increase in left ventricular filling pressure during exercise. <i>Heart</i> , 2011 , 97, 1417-24	5.1	58
252	Exaggerated blood pressure response to exercise is associated with augmented rise of angiotensin II during exercise. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 287-92	15.1	58
251	RAGE and cardiovascular disease. <i>Frontiers in Bioscience - Landmark</i> , 2011 , 16, 486-97	2.8	55
250	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

249	Impact of serum calcium and phosphate on coronary atherosclerosis detected by cardiac computed tomography. <i>European Heart Journal</i> , 2012 , 33, 2873-81	9.5	48
248	Visceral adiposity and the severity of coronary artery disease in middle-aged subjects with normal waist circumference and its relation with lipocalin-2 and MCP-1. <i>Atherosclerosis</i> , 2010 , 213, 592-7	3.1	46
247	Clinical and echocardiographic predictors of outcomes in patients with apical hypertrophic cardiomyopathy. <i>American Journal of Cardiology</i> , 2011 , 108, 1614-9	3	45
246	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
245	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
244	Determinants of exercise-induced pulmonary hypertension in patients with normal left ventricular ejection fraction. <i>Heart</i> , 2009 , 95, 490-4	5.1	43
243	Differential effect of 3-dimensional color Doppler echocardiography for the quantification of mitral regurgitation according to the severity and characteristics. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 535-44	3.9	42
242	Cardiac magnetic resonance imaging-derived pulmonary artery distensibility index correlates with pulmonary artery stiffness and predicts functional capacity in patients with pulmonary arterial hypertension. <i>Circulation Journal</i> , 2011 , 75, 2244-51	2.9	41
241	The clopidogrel resistance can be attenuated with triple antiplatelet therapy in patients undergoing drug-eluting stents implantation. <i>International Journal of Cardiology</i> , 2009 , 134, 351-5	3.2	36
240	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
239	The influence of serum aldosterone and the aldosterone-renin ratio on pulse wave velocity in hypertensive patients. <i>Journal of Hypertension</i> , 2007 , 25, 1279-83	1.9	35
238	Comparison of effects of drug-eluting stents versus bare metal stents on plasma C-reactive protein levels. <i>American Journal of Cardiology</i> , 2005 , 96, 1384-8	3	35
237	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
236	Different clinical outcome of paravalvular leakage after aortic or mitral valve replacement. <i>American Journal of Cardiology</i> , 2011 , 107, 280-4	3	34
235	Left ventricular diastolic functional reserve during exercise in patients with impaired myocardial relaxation at rest. <i>Heart</i> , 2009 , 95, 399-404	5.1	33
234	Central aortic stiffness and its association with ascending aorta dilation in subjects with a bicuspid aortic valve. <i>Journal of the American Society of Echocardiography</i> , 2011 , 24, 847-52	5.8	32
233	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
232	Prognostic value of multidetector coronary computed tomography angiography in relation to exercise electrocardiogram in patients with suspected coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 2205-15	15.1	29

231	Ischemia-reperfusion injury leads to distinct temporal cardiac remodeling in normal versus diabetic mice. <i>PLoS ONE</i> , 2012 , 7, e30450	3.7	29
230	Gender-related difference in arterial elastance during exercise in patients with hypertension. <i>Hypertension</i> , 2008 , 51, 1163-9	8.5	28
229	Diverse left ventricular morphology and predictors of short-term outcome in patients with stress-induced cardiomyopathy. <i>International Journal of Cardiology</i> , 2013 , 168, 331-7	3.2	27
228	Left ventricular diastolic function is closely associated with mechanical function of the left atrium in patients with paroxysmal atrial fibrillation. <i>Circulation Journal</i> , 2013 , 77, 697-704	2.9	26
227	Assessment of mechanical properties of common carotid artery in Takayasu's arteritis using velocity vector imaging. <i>Circulation Journal</i> , 2010 , 74, 1465-70	2.9	25
226	Clinical Implications and Determinants of Left Atrial Mechanical Dysfunction in Patients With Stroke. <i>Stroke</i> , 2016 , 47, 1444-51	6.7	25
225	Incremental value of left ventricular diastolic function reserve index for predicting exercise capacity in patients with hypertrophic cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2008 , 21, 487-92	5.8	24
224	Gender-related difference in left ventricular diastolic elastance during exercise in patients with diabetes mellitus. <i>Circulation Journal</i> , 2008 , 72, 1443-8	2.9	24
223	Delayed hyperenhancement magnetic resonance imaging is useful in predicting functional recovery of nonischemic left ventricular systolic dysfunction. <i>Journal of Cardiac Failure</i> , 2006 , 12, 93-9	3.3	24
222	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
221	Normal Echocardiographic Measurements in a Korean Population Study: Part I. Cardiac Chamber and Great Artery Evaluation. <i>Journal of Cardiovascular Imaging</i> , 2015 , 23, 158-72	0	23
220	The impact of obesity on subclinical coronary atherosclerosis according to the risk of cardiovascular disease. <i>Obesity</i> , 2014 , 22, 1762-8	8	22
219	Overweight and its association with aortic pressure wave reflection after exercise. <i>American Journal of Hypertension</i> , 2011 , 24, 1136-42	2.3	22
218	Patterns of late gadolinium enhancement are associated with ventricular stiffness in patients with advanced non-ischaemic dilated cardiomyopathy. <i>European Journal of Heart Failure</i> , 2009 , 11, 573-80	12.3	22
217	Impact of left ventricular longitudinal diastolic functional reserve on clinical outcome in patients with type 2 diabetes mellitus. <i>Heart</i> , 2011 , 97, 1233-8	5.1	22
216	Dynamic change of mitral apparatus as potential cause of left ventricular outflow tract obstruction in hypertrophic cardiomyopathy. <i>European Journal of Echocardiography</i> , 2011 , 12, 19-25		22
215	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
214	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

213	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
212	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
211	Passive leg-raise is helpful to identify impaired diastolic functional reserve during exercise in patients with abnormal myocardial relaxation. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 523-30	5.8	20
210	Vena contracta width as a predictor of adverse outcomes in patients with severe isolated tricuspid regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2011 , 24, 1013-9	5.8	20
209	Factors determining early left atrial reverse remodeling after mitral valve surgery. <i>American Journal of Cardiology</i> , 2008 , 101, 374-7	3	20
208	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
207	Randomized, Controlled Trial to Evaluate the Effect of Dapagliflozin on Left Ventricular Diastolic Function in Patients With Type 2 Diabetes Mellitus: The IDZIA Trial. <i>Circulation</i> , 2021 , 143, 510-512	16.7	20
206	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
205	Epoxyeicosatrienoic acids mediate insulin-mediated augmentation in skeletal muscle perfusion and blood volume. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E1097-104	6	19
204	Is albuminuria an indicator of myocardial dysfunction in diabetic patients without overt heart disease? A study with Doppler strain and strain rate imaging. <i>Metabolism: Clinical and Experimental</i> , 2008 , 57, 448-52	12.7	19
203	Association of RAGE gene polymorphisms with coronary artery disease in the Korean population. <i>Coronary Artery Disease</i> , 2007 , 18, 1-8	1.4	19
202	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
201	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
200	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
199	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
198	The incidence and clinical outcome of constrictive physiology after coronary artery bypass graft surgery. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 2110-2	15.1	18
197	Automated quantification of mitral regurgitation by three dimensional real time full volume color Doppler transthoracic echocardiography: a validation with cardiac magnetic resonance imaging and comparison with two dimensional quantitative methods. <i>Journal of Cardiovascular Imaging</i> , 2013 ,	0	18
196	Interatrial shunt detected in coronary computed tomography angiography: differential features of a patent foramen ovale and an atrial septal defect. <i>Journal of Computer Assisted Tomography</i> , 2008 , 32, 663-7	2.2	18

195	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
194	Feasibility of an automatic computer-assisted algorithm for the detection of significant coronary artery disease in patients presenting with acute chest pain. <i>European Journal of Radiology</i> , 2012 , 81, e640-6	4.7	17
193	Extent of late gadolinium enhancement on cardiovascular magnetic resonance imaging and its relation to left ventricular longitudinal functional reserve during exercise in patients with hypertrophic cardiomyopathy. <i>Circulation Journal</i> , 2013 , 77, 1742-9	2.9	17
192	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
191	Factors affecting quality of life in Korean patients with chronic heart failure. <i>Japan Journal of Nursing Science</i> , 2014 , 11, 54-64	1.7	16
190	Percutaneous closure of femoral artery access sites in endovascular stent-graft treatment of aortic disease. <i>International Journal of Cardiology</i> , 2008 , 130, 251-4	3.2	16
189	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
188	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
187	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
186	Association of plasma retinol-binding protein 4, adiponectin, and high molecular weight adiponectin with insulin resistance in non-diabetic hypertensive patients. <i>Yonsei Medical Journal</i> , 2010 , 51, 375-84	3	15
185	Value of ventricular stiffness index and ventriculoarterial interaction in patients with nonischemic dilated cardiomyopathy. <i>Circulation Journal</i> , 2009 , 73, 1683-90	2.9	15
184	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
183	Combination of a peroxisome proliferator-activated receptor-gamma agonist and an angiotensin II receptor blocker attenuates myocardial fibrosis and dysfunction in type 2 diabetic rats. <i>Journal of Diabetes Investigation</i> , 2014 , 5, 362-71	3.9	14
182	Asynchronous arterial systolic expansion as a marker of vascular aging: assessment of the carotid artery with velocity vector imaging. <i>Journal of Hypertension</i> , 2011 , 29, 2404-12	1.9	14
181	Dyssynchronous systolic expansion of carotid artery in patients with marfan syndrome. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 1310-6	5.8	14
180	Abnormal myocardial capillary density in apical hypertrophic cardiomyopathy can be assessed by myocardial contrast echocardiography. <i>Circulation Journal</i> , 2010 , 74, 2166-72	2.9	14
179	Time course of recovery of left ventricular filling pressure after exercise in healthy subjects. <i>Circulation Journal</i> , 2008 , 72, 186-8	2.9	14
178	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

177	Transient right ventricular dysfunction after pericardiectomy in patients with constrictive pericarditis. <i>Korean Circulation Journal</i> , 2011 , 41, 283-6	2.2	13
176	Arterial-cardiac interaction: the concept and implications. <i>Journal of Cardiovascular Imaging</i> , 2011 , 19, 62-6	0	13
175	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
174	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
173	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
172	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
171	Morphological and functional characteristics of mitral annular calcification and their relationship to stroke. <i>PLoS ONE</i> , 2020 , 15, e0227753	3.7	12
170	The relationship between ventricular-vascular uncoupling during exercise and impaired left ventricular longitudinal functional reserve in hypertensive patients. <i>Journal of the American Society of Hypertension</i> , 2013 , 7, 198-205		12
169	Late gadolinium enhancement in cardiac MRI in patients with severe aortic stenosis and preserved left ventricular systolic function is related to attenuated improvement of left ventricular geometry and filling pressure after aortic valve replacement. <i>Korean Circulation Journal</i> , 2014 , 44, 312-9	2.2	12
168	Effect of diastolic dysfunction on early outcomes during elective off-pump coronary artery bypass grafting: a prospective observational study. <i>Annals of Thoracic Surgery</i> , 2011 , 92, 587-93	2.7	12
167	Comparison of effects of two different formulations of clopidogrel bisulfate tablets on platelet aggregation and bleeding time in healthy Korean volunteers: A single-dose, randomized, open-label, 1-week, two-period, phase IV crossover study. <i>Clinical Therapeutics</i> , 2010 , 32, 1664-73	3.5	12
166	Late Bacterial Endocarditis and Abscess Formation After Implantation of an Amplatzer Septal Occluder Device. <i>Circulation</i> , 2015 , 131, e536-8	16.7	11
165	Tricuspid regurgitation duration correlates with cardiovascular magnetic resonance-derived right ventricular ejection fraction and predict prognosis in patients with pulmonary arterial hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2014 , 15, 18-23	4.1	11
164	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
163	Coronary sinus obstruction by primary cardiac lymphoma as a cause of dyspnea due to significant diastolic dysfunction and elevated filling pressures. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 682.e5-7	5.8	11
162	Increased plasma aldosterone-to-renin ratio is associated with impaired left ventricular longitudinal functional reserve in patients with uncomplicated hypertension. <i>Journal of the American Society of Echocardiography</i> , 2008 , 21, 251-6	5.8	11
161	Value of echo-Doppler derived pulmonary vascular resistance, net-atrioventricular compliance and tricuspid annular velocity in determining exercise capacity in patients with mitral stenosis. <i>Circulation Journal</i> , 2007 , 71, 1721-7	2.9	11
160	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

159	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
158	Cardiotoxicity of trastuzumab in patients with HER2-positive gastric cancer. <i>Oncotarget</i> , 2017 , 8, 61837-61845	3.5	10
157	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
156	Left atrial volume index is an independent predictor of hypertensive response to exercise in patients with hypertension. <i>Hypertension Research</i> , 2015 , 38, 137-42	4.7	10
155	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
154	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
153	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
152	The ratio of early transmitral flow velocity (E) to early mitral annular velocity (Em) predicts improvement in left ventricular systolic and diastolic function 1 year after catheter ablation for atrial fibrillation. <i>Europace</i> , 2015 , 17, 1051-8	3.9	9
151	A case of paraneoplastic nephrotic syndrome in a patient with ovarian carcinoma. <i>Yonsei Medical Journal</i> , 2003 , 44, 539-43	3	9
150	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
149	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
148	Heart Failure with Preserved Ejection Fraction: the Major Unmet Need in Cardiology. <i>Korean Circulation Journal</i> , 2020 , 50, 1051-1061	2.2	9
147	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
146	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
145	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
144	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
143	Self-expandable device for percutaneous closing of left atrial appendage with organized thrombus in a patient with permanent atrial fibrillation. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 1329.e1-1329.e3	3.8	8
142	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

141	Aortic aneurysm screening in a high-risk population: a non-contrast computed tomography study in Korean males with hypertension. <i>Korean Circulation Journal</i> , 2014 , 44, 162-9	2.2	8
140	Effect of geometric remodeling on left ventricular longitudinal contractile reserve in patients with hypertension. <i>Journal of the American Society of Echocardiography</i> , 2008 , 21, 246-50	5.8	8
139	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
138	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
137	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
136	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
135	Cardiac magnetic resonance-derived right ventricular outflow tract systolic flow acceleration: a novel index of right ventricular function and prognosis in patients with pulmonary arterial hypertension. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 1759-67	2.5	7
134	Coronary air embolism associated with atrioesophageal fistula after ablation of atrial fibrillation. <i>Canadian Journal of Cardiology</i> , 2013 , 29, Pages 1329.e17-1329.e19	3.8	7
133	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
132	Predicting Peri-Device Leakage of Left Atrial Appendage Device Closure Using Novel Three-Dimensional Geometric CT Analysis. <i>Journal of Cardiovascular Imaging</i> , 2015 , 23, 211-8	0	7
131	Echocardiographic investigation of the mechanism underlying abnormal interventricular septal motion after open heart surgery. <i>Journal of Cardiovascular Imaging</i> , 2014 , 22, 8-13	0	7
130	Early experience using a left atrial appendage occlusion device in patients with atrial fibrillation. <i>Yonsei Medical Journal</i> , 2012 , 53, 83-90	3	7
129	Prognostic Estimation of Advanced Heart Failure With Low Left Ventricular Ejection Fraction and Wide QRS Interval. <i>Korean Circulation Journal</i> , 2012 , 42, 659-67	2.2	7
128	Impact of atorvastatin treatment in first-degree relatives of patients with premature coronary artery disease with endothelial dysfunction: a double-blind, randomized, placebo-controlled crossover trial. <i>Clinical Cardiology</i> , 2013 , 36, 480-5	3.3	7
127	Comparison of early clinical outcomes following transcatheter aortic valve implantation versus surgical aortic valve replacement versus optimal medical therapy in patients older than 80 years with symptomatic severe aortic stenosis. <i>Yonsei Medical Journal</i> , 2013 , 54, 596-602	3	7
126	Targeted ultrasound imaging of apoptosis with annexin a5 microbubbles in acute Doxorubicin-induced cardiotoxicity. <i>Journal of Cardiovascular Imaging</i> , 2010 , 18, 91-7	0	7
125	Preoperative cardiac evaluation with transthoracic echocardiography before non-cardiac surgery. <i>Korean Journal of Anesthesiology</i> , 2017 , 70, 390-397	3.8	7
124	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

123	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
122	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
121	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
120	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
119	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
118	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
117	Differential association between metabolic syndrome and coronary artery disease evaluated with cardiac computed tomography according to the presence of diabetes in a symptomatic Korean population. <i>BMC Cardiovascular Disorders</i> , 2014 , 14, 105	2.3	6
116	Association of RAGE gene polymorphisms with in-stent restenosis in non-diabetic Korean population. <i>Cardiology</i> , 2007 , 107, 261-8	1.6	6
115	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
114	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
113	Prevalence, predictors, and prognosis of tricuspid regurgitation following permanent pacemaker implantation. <i>PLoS ONE</i> , 2020 , 15, e0235230	3.7	5
112	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
111	High prevalence of unrecognized chordae tendineae rupture in mitral valve prolapse patients undergoing valve replacement surgery. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 1643-8	3.8	5
110	Tissue Doppler imaging predicts left ventricular reverse remodeling after surgery for mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2013 , 96, 2109-15	2.7	5
109	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
108	Safety and cost-effectiveness of bridge therapies for invasive dental procedures in patients with mechanical heart valves. <i>Yonsei Medical Journal</i> , 2014 , 55, 937-43	3	5
107	Prediction of hemorrhagic transformation following embolic stroke in patients with prosthetic valve endocarditis. <i>Journal of Cardiovascular Imaging</i> , 2013 , 21, 123-9	0	5
106	Prognostic value of N-terminal pro-brain natriuretic peptide level on admission in patients with acute myocardial infarction and preserved left ventricular ejection fraction. <i>Coronary Artery Disease</i> , 2011 , 22, 153-7	1.4	5

105	Mechanism of mitral regurgitation in the acute phase of inferior wall myocardial infarction: reduced closing force as a consequence of left ventricular systolic dysfunction in the presence of tethering as a determinant of mitral regurgitation. <i>Circulation Journal</i> , 2011 , 75, 619-25	2.9	5
104	Constrictive Pericarditis Accompanied by Swine-Origin Influenza A (H1N1) Infection. <i>Korean Circulation Journal</i> , 2010 , 40, 539-42	2.2	5
103	Increased inflammation, reduced plasma phospholipid eicosapentaenoic acid and reduced antioxidant potential of treated hypertensive patients with metabolic syndrome. <i>Yonsei Medical Journal</i> , 2009 , 50, 757-63	3	5
102	Relationship between serum biochemical markers of myocardial fibrosis and diastolic function at rest and with exercise in hypertrophic cardiomyopathy. <i>Korean Circulation Journal</i> , 2009 , 39, 519-24	2.2	5
101	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
100	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
99	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
98	Association of carotid arterial circumferential strain with left ventricular function and hemodynamic compromise during off-pump coronary artery bypass surgery. <i>Circulation Journal</i> , 2014 , 78, 2422-30	2.9	4
97	Cardiovascular molecular imaging with contrast ultrasound: principles and applications. <i>Korean Circulation Journal</i> , 2014 , 44, 1-9	2.2	4
96	Aortic valve avulsion: uncommon complication of coronary angiography. <i>Journal of the American College of Cardiology</i> , 2012 , 60, e3	15.1	4
95	Increased arterial stiffness is associated with reduced plasma levels of beta-carotene in treated hypertensive patients with type 2 diabetes mellitus. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009 , 19, e9-e11	4.5	4
94	Coronary artery intervention after cytostatics treatment in unstable angina patient with essential thrombocythemia. A case report and literature review. <i>Korean Journal of Internal Medicine</i> , 2006 , 21, 146-9	2.5	4
93	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
92	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
91	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
90	Predicting Disease Progression in Patients with Bicuspid Aortic Stenosis Using Mathematical Modeling. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	3
89	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
88	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

87	Degenerative Mitral Stenosis Versus Rheumatic Mitral Stenosis. <i>American Journal of Cardiology</i> , 2020 , 125, 1536-1542	3	3
86	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
85	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
84	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
83	Left atrial volume index as a predictor for persistent left ventricular dysfunction after aortic valve surgery in patients with chronic aortic regurgitation: the role of early postoperative echocardiography. <i>Echocardiography</i> , 2015 , 32, 896-903	1.5	3
82	Differential Prognostic Value of Coronary Computed Tomography Angiography in Relation to Exercise Electrocardiography in Asymptomatic Subjects. <i>Journal of Cardiovascular Imaging</i> , 2015 , 23, 244-52	0	3
81	Accessory papillary muscles and papillary muscle hypertrophy are associated with sudden cardiac arrest of unknown cause. <i>International Journal of Cardiology</i> , 2015 , 197, 285-91	3.2	3
80	Differential association between obesity and coronary artery disease according to the presence of diabetes in a Korean population. <i>Diabetology and Metabolic Syndrome</i> , 2014 , 6, 134	5.6	3
79	A case of esophageal achalasia compressing left atrium diagnosed by echocardiography in patient with acute chest pain. <i>Journal of Cardiovascular Imaging</i> , 2012 , 20, 218-9	0	3
78	Prosthetic mitral valve leaflet escape. <i>Journal of Cardiovascular Imaging</i> , 2013 , 21, 96-9	0	3
77	Cardiovascular images. Giant right coronary aneurysm to left ventricular fistula. <i>Circulation: Cardiovascular Imaging</i> , 2009 , 2, e15-6	3.9	3
76	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
75	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
74	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
73	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
72	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
71	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
70	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

69	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
68	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
67	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
66	Primary cardiac chondrosarcoma mimicking chronic pulmonary thromboembolism in multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 235	4.1	2
65	Prognostic significance of interventricular septal thickness in patients with AL amyloidosis. <i>Leukemia Research</i> , 2017 , 60, 36-43	2.7	2
64	A solitary cardiac plasmacytoma: features in multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 941	4.1	2
63	Correlation between coronary artery calcium score and aortic diameter in a high-risk population of elderly male hypertensive patients. <i>Coronary Artery Disease</i> , 2014 , 25, 698-704	1.4	2
62	Spontaneous rupture of a papillary muscle. <i>Circulation</i> , 2013 , 127, e586-8	16.7	2
61	Hemorrhagic transformation of ischemic stroke: severe complications of prosthetic valve endocarditis. <i>Korean Circulation Journal</i> , 2011 , 41, 490-3	2.2	2
60	The Prognostic Significance of ST Segment Depression Score in Acute Non ST Elevation Myocardial Infarction. <i>Sunhwangji</i> , 2004 , 34, 1182		2
59	Three-Dimensional Geometry of Aortic Valve: A new Trial of Visualization With Real-Time Three-Dimensional Echocardiography. <i>Journal of Echocardiography</i> , 2007 , 5, 55-57	1.6	2
58	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
57	Contemporary Multimodality Imaging for Cardiovascular Behçt Disease. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2435-2444	8.4	2
56	Characteristics and prognostic implications of tricuspid regurgitation in patients with arrhythmogenic cardiomyopathy. <i>ESC Heart Failure</i> , 2020 , 7, 2933-2940	3.7	2
55	Stress Testing in Heart Failure with Preserved Ejection Fraction. <i>Heart Failure Clinics</i> , 2021 , 17, 435-445	3.3	2
54	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
53	Features of cardiac cavernous haemangioma in multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 114	4.1	2
52	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

51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	Differential Impact of Constrictive Physiology after Pericardiocentesis in Malignancy Patients with Pericardial Effusion. <i>PLoS ONE</i> , 2015 , 10, e0145461	3.7	1
40	Benign primary cardiac neoplasm with intense FDG uptake. <i>European Heart Journal Cardiovascular Imaging</i> , 2015 , 16, 538	4.1	1
39	Abolished ischemic tricuspid regurgitation by revascularization of left anterior descending artery: The role of collateral circulation. <i>Journal of Cardiology Cases</i> , 2014 , 10, 9-12	0.6	1
38	The First Case of Successful Transcatheter Aortic Valve Implantation Using CoreValve in Korea. <i>Korean Circulation Journal</i> , 2012 , 42, 788-91	2.2	1
37	The first korean patient with severe aortic stenosis and bilateral iliofemoral artery disease treated with transcatheter aortic valve implantation by transsubclavian approach. <i>Korean Circulation Journal</i> , 2012 , 42, 796-9	2.2	1
36	Pacing-induced alterations in left ventricular mechanical properties: effect of pacing sites. <i>Journal of Cardiovascular Imaging</i> , 2011 , 19, 13-4	0	1
35	Uncommon variation in the papillary muscles presenting with ST elevation and T-wave inversion. <i>European Heart Journal</i> , 2008 , 29, 2633	9.5	1
34	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

33	Transcatheter Aortic Valve Replacement with Minimal Contrast Dye in Patients with Renal Insufficiency. <i>Yonsei Medical Journal</i> , 2021 , 62, 990-996	3	1
32	Transthoracic Echocardiographic Detection, Differential Diagnosis, and Follow-Up of Esophageal Hematoma. <i>Korean Circulation Journal</i> , 2007 , 37, 666	2.2	1
31	Changes of body composition after valve surgery in patients with mitral valve disease. <i>PLoS ONE</i> , 2018 , 13, e0203798	3.7	1
30	Malignant pericardial mesothelioma: diagnostic clues in multimodality imaging. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 1385	2.5	0
29	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
28	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
27	Acute Localized Myocarditis: Role of Speckle Tracking Echocardiography. <i>Korean Circulation Journal</i> , 2020 , 50, 638-640	2.2	0
26	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
25	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
24	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	
23	Effectiveness of Fimasartan and Rosuvastatin Combination Treatment in Hypertensive Patients With Dyslipidemia. <i>Clinical Therapeutics</i> , 2020 , 42, 1058-1066.e3	3.5	
22	Complicated infective endocarditis on mitral annular calcification with left ventricular pseudoaneurysm. <i>European Journal of Cardio-thoracic Surgery</i> , 2018 , 53, 886	3	
21	A trace of acrylic bone cement: from spine to heart. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 470	4.1	
20	An unusual cause of early aortic bioprosthetic valve failure. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 428	4.1	
19	Down Syndrome in Moderate Altitude Residents: Are There Unique Features?. <i>Journal of Cardiovascular Imaging</i> , 2015 , 23, 70-1	0	
18	Multiple Coronary Arteries to Left Atrial Fistulae: An Uncommon Complication of Radiofrequency Ablation for Atrial Fibrillation. <i>Canadian Journal of Cardiology</i> , 2015 , 31, 1073.e9-11	3.8	
17	Visceral obesity of the heart: extensive lipomatous hypertrophy of interatrial septum. <i>Journal of Cardiovascular Imaging</i> , 2012 , 20, 161-2	0	
16	Transcatheter Aortic Valve Implantation Using CoreValve by Transaortic Approach. <i>Journal of Lipid and Atherosclerosis</i> , 2013 , 2, 85	3	

- 15 Vanishing asymmetric septal hypertrophy in a patient with hypertrophic obstructive cardiomyopathy. *Journal of the American College of Cardiology*, **2011**, 57, e213 15.1
- 14 Multiple calcified right ventricular masses presenting with pulmonary embolism and severe pulmonary hypertension. *Journal of Thoracic and Cardiovascular Surgery*, **2010**, 140, e64-5 1.5
- 13 Mitral and Aortic Regurgitation in Patients Undergoing Kidney Transplantation: The Natural Course and Factors Associated With Progression.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 809707 5.4
- 12 A Case of Successful MitraClip for Severe Mitral Regurgitation with Left Ventricular Dysfunction in Korea. *Korean Circulation Journal*, **2020**, 50, 836-838 2.2
- 11 Sex Differences in Mitral Annular Calcification and the Clinical Implications. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 736040 5.4
- 10 A Hidden Pressure Gradient That can be Easily Passed Over in Prosthetic Mitral Valve. *Journal of Cardiovascular Imaging*, **2007**, 15, 140 0
- 9 Unmasked Obstructive Hypertrophic Cardiomyopathy after Mitral Valve Repair for Severe Mitral Regurgitation. *Korean Circulation Journal*, **2020**, 50, 461-463 2.2
- 8 Pulmonary Artery Obstruction Caused by Leiomyosarcoma. *Korean Circulation Journal*, **2020**, 50, 1127-1128 1.2
- 7 Transcatheter Aortic Valve Implantation by Transfemoral Approach in a Patient with Bilateral Iliac Artery Disease. *Korean Journal of Medicine*, **2013**, 85, 188 0.5
- 6 Left Ventricular Global Longitudinal Strain Is Associated With Cardiovascular Outcomes in Patients Who Underwent Permanent Pacemaker Implantation. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 705778 5.4
- 5 A mitral valve myxoma: surgeon's three dimensional views in a beating heart. *European Journal of Cardio-thoracic Surgery*, **2016**, 50, 998-999 3
- 4 Carney complex: Cardiac and extra-cardiac features. *European Heart Journal*, **2020**, 41, 193 9.5
- 3 A16531 Effects of continuous positive airway pressure therapy on arterial stiffness, 24 hour-ambulatory blood pressure and ventricular-vascular coupling in subjects with hypertension. *Journal of Hypertension*, **2018**, 36, e240-e241 1.9
- 2 A16547 The Association of Central Aortic Stiffness with Left Atrial Phasic Function in Patients with Hypertension. *Journal of Hypertension*, **2018**, 36, e241 1.9
- 1 Clinical Outcomes of Transcatheter Aortic Valve Implantation for Native Aortic Valves in Patients with Low Coronary Heights. *Yonsei Medical Journal*, **2021**, 62, 209-214 3