

Geu-Ru Hong

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.

190
papers

2,035
citations

21
h-index

37
g-index

204
ext. papers

2,614
ext. citations

4.3
avg, IF

4.82
L-index

#	Paper	IF	Citations
190	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	
189	The impact of cardiopulmonary exercise-derived scoring on prediction of cardio-cerebral outcome in hypertrophic cardiomyopathy.. <i>PLoS ONE</i> , 2022 , 17, e0259638	3.7	0
188	Noninvasive Aortic Ultrafast Pulse Wave Velocity Associated With Framingham Risk Model: Feasibility Study.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 749098	5.4	
187	Feasibility of Aortic Annular Measurements Using Noncontrast-Enhanced Cardiac Computed Tomography in Preprocedural Evaluation of Transcatheter Aortic Valve Replacement: A Comparison With Contrast-Enhanced Computed Tomography.. <i>Journal of Computer Assisted Tomography</i> , 2022 , 46, 50-55	2.2	
186	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
185	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
184	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
183	Transcatheter Aortic Valve Replacement with Minimal Contrast Dye in Patients with Renal Insufficiency. <i>Yonsei Medical Journal</i> , 2021 , 62, 990-996	3	1
182	Sex Differences in Mitral Annular Calcification and the Clinical Implications. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 736040	5.4	
181	Recent Evidence and Initial Experiences of Transcatheter Edge-to-Edge Repair of the Mitral Valve in South Korea. <i>Journal of Chest Surgery</i> , 2021 , 54, 165-171		
180	Effect of enzyme replacement therapy on Fabry cardiomyopathy: evaluation of cardiac function is more useful than structural evaluation. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, e148	4.1	
179	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	1
178	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
177	Telmisartan Plus S-Amlodipine Single-Pill Combination Therapy is Safe and Effective in Patients with Hypertension from Large-Scale Nationwide Surveillance Data in Korea (NOVEL) Study. <i>Advances in Therapy</i> , 2021 , 38, 304-315	4.1	1
176	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
175	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
174	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

173	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
172	Impact of Early Surgery and Staging Classification on Survival in Asymptomatic Very Severe Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 506-508	15.1	0
171	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
170	Early percutaneous mitral commissurotomy or conventional management for asymptomatic mitral stenosis: a randomised clinical trial. <i>Heart</i> , 2021 , 107, 1980-1986	5.1	1
169	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
168	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	
167	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
166	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
165	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	
164	Effectiveness of Fimasartan and Rosuvastatin Combination Treatment in Hypertensive Patients With Dyslipidemia. <i>Clinical Therapeutics</i> , 2020 , 42, 1058-1066.e3	3.5	
163	Malignant pericardial mesothelioma: diagnostic clues in multimodality imaging. <i>International Journal of Cardiovascular Imaging</i> , 2020 , 36, 1385	2.5	0
162	Prevalence, predictors, and prognosis of tricuspid regurgitation following permanent pacemaker implantation. <i>PLoS ONE</i> , 2020 , 15, e0235230	3.7	5
161	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
160	Morphological and functional characteristics of mitral annular calcification and their relationship to stroke. <i>PLoS ONE</i> , 2020 , 15, e0227753	3.7	12
159	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
158	Degenerative Mitral Stenosis Versus Rheumatic Mitral Stenosis. <i>American Journal of Cardiology</i> , 2020 , 125, 1536-1542	3	3
157	Primary cardiac chondrosarcoma mimicking chronic pulmonary thromboembolism in multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 235	4.1	2
156	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	

155	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
154	Immediate and Evolutionary Recovery of Left Ventricular Diastolic Function after Transcatheter Aortic Valve Replacement: Comparison with Surgery. <i>Yonsei Medical Journal</i> , 2020 , 61, 30-39	3	1
153	Acute Localized Myocarditis: Role of Speckle Tracking Echocardiography. <i>Korean Circulation Journal</i> , 2020 , 50, 638-640	2.2	0
152	Unmasked Obstructive Hypertrophic Cardiomyopathy after Mitral Valve Repair for Severe Mitral Regurgitation. <i>Korean Circulation Journal</i> , 2020 , 50, 461-463	2.2	
151	Pulmonary Artery Obstruction Caused by Leiomyosarcoma. <i>Korean Circulation Journal</i> , 2020 , 50, 1127-1128		
150	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
149	Fabry disease and COVID-19: international expert recommendations for management based on real-world experience. <i>CKJ: Clinical Kidney Journal</i> , 2020 , 13, 913-925	4.5	5
148	Early Surgery or Conservative Care for Asymptomatic Aortic Stenosis. <i>New England Journal of Medicine</i> , 2020 , 382, 111-119	59.2	140
147	Real-world efficacy and safety of nebivolol in Korean patients with hypertension from the BENEFIT KOREA study. <i>Journal of Hypertension</i> , 2020 , 38, 527-535	1.9	3
146	Contemporary Multimodality Imaging for Cardiovascular Beh̄t Disease. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2435-2444	8.4	2
145	Characteristics and prognostic implications of tricuspid regurgitation in patients with arrhythmogenic cardiomyopathy. <i>ESC Heart Failure</i> , 2020 , 7, 2933-2940	3.7	2
144	Features of cardiac cavernous haemangioma in multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2020 , 21, 114	4.1	2
143	Carney complex: Cardiac and extra-cardiac features. <i>European Heart Journal</i> , 2020 , 41, 193	9.5	
142	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
141	Predicting Disease Progression in Patients with Bicuspid Aortic Stenosis Using Mathematical Modeling. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	3
140	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
139	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
138	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

137	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
136	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
135	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
134	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
133	Intraventricular Flow: More than Pretty Pictures. <i>Heart Failure Clinics</i> , 2019 , 15, 257-265	3.3	4
132	Diagnostic and prognostic significance of cardiovascular vortex formation. <i>Journal of Cardiology</i> , 2019 , 74, 403-411	3	18
131	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
130	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
129	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
128	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
127	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
126	Angiotensin Receptor Neprilysin Inhibitor for Functional Mitral Regurgitation. <i>Circulation</i> , 2019 , 139, 1354-1365	16.7	140
125	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
124	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
123	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
122	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
121	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
120	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

119	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
118	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
117	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
116	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
115	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
114	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
113	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
112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	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
103	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
102	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

101	Cardiotoxicity of trastuzumab in patients with HER2-positive gastric cancer. <i>Oncotarget</i> , 2017 , 8, 61837-61845	6.1	10
100	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
99	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
98	Percutaneous isolation of left atrial appendage thrombus. <i>Journal of Cardiology Cases</i> , 2017 , 16, 67-69	0.6	1
97	Prognostic significance of interventricular septal thickness in patients with AL amyloidosis. <i>Leukemia Research</i> , 2017 , 60, 36-43	2.7	2
96	A solitary cardiac plasmacytoma: features in multimodality imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 941	4.1	2
95	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
94	Impact of Intensive LDL Cholesterol Lowering on Coronary Artery Atherosclerosis Progression: A Serial CT Angiography Study. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 437-446	8.4	53
93	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
92	Impact of Contrast Echocardiography on Assessment of Ventricular Function and Clinical Diagnosis in Routine Clinical Echocardiography: Korean Multicenter Study. <i>Journal of Cardiovascular Imaging</i> , 2017 , 25, 28-33	0	3
91	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
90	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
89	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
88	A trace of acrylic bone cement: from spine to heart. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 470	4.1	
87	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
86	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
85	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
84	An unusual cause of early aortic bioprosthetic valve failure. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 428	4.1	

83	Differences in aortic vortex flow pattern between normal and patients with stroke: qualitative and quantitative assessment using transesophageal contrast echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32 Suppl 1, 45-52	2.5	2
82	Unravelling the mechanism of action of enzyme replacement therapy in Fabry disease. <i>Journal of Human Genetics</i> , 2016 , 61, 143-9	4.3	5
81	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
80	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
79	Statin Intensity and Clinical Outcome in Patients with Stable Coronary Artery Disease and Very Low LDL-Cholesterol. <i>PLoS ONE</i> , 2016 , 11, e0166246	3.7	7
78	Clinical significance of changes in the corrected QT interval in stress-induced cardiomyopathy. <i>Korean Journal of Internal Medicine</i> , 2016 , 31, 507-16	2.5	6
77	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
76	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
75	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
74	A Case of Infective Endocarditis caused by <i>Abiotrophia defectiva</i> in Korea. <i>Infection and Chemotherapy</i> , 2016 , 48, 229-233	3.9	10
73	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
72	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
71	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
70	Clinical Implications and Determinants of Left Atrial Mechanical Dysfunction in Patients With Stroke. <i>Stroke</i> , 2016 , 47, 1444-51	6.7	25
69	Poor Outcome of Stroke Patients With Atrial Fibrillation in the Presence of Coexisting Spontaneous Echo Contrast. <i>Stroke</i> , 2016 , 47, 1920-2	6.7	16
68	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
67	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
66	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

65	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
64	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	
63	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
62	Assessment of mitral annuloplasty ring by cardiac computed tomography: Correlation with echocardiographic parameters and comparison between two different ring types. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1082-90	1.5	16
61	Late Bacterial Endocarditis and Abscess Formation After Implantation of an Amplatzer Septal Occluder Device. <i>Circulation</i> , 2015 , 131, e536-8	16.7	11
60	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
59	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
58	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
57	Predictors of Recurrent Stroke in Patients with Ischemic Stroke: Comparison Study between Transesophageal Echocardiography and Cardiac CT. <i>Radiology</i> , 2015 , 276, 381-9	20.5	18
56	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
55	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
54	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
53	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
52	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
51	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
50	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
49	Constrictive Pericarditis Long after a Gunshot Wound. <i>Korean Circulation Journal</i> , 2015 , 45, 333-6	2.2	2
48	Relationship between Myocardial Extracellular Space Expansion Estimated with Post-Contrast T1 Mapping MRI and Left Ventricular Remodeling and Neurohormonal Activation in Patients with Dilated Cardiomyopathy. <i>Korean Journal of Radiology</i> , 2015 , 16, 1153-62	6.9	7

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