

# Geu-Ru Hong

## List of Publications by Citations

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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	Characterization and quantification of vortex flow in the human left ventricle by contrast echocardiography using vector particle image velocimetry. <i>JACC: Cardiovascular Imaging</i> , <b>2008</b> , 1, 705-17	8.4	238
189	Early Surgery or Conservative Care for Asymptomatic Aortic Stenosis. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 111-119	59.2	140
188	Angiotensin Receptor Neprilysin Inhibitor for Functional Mitral Regurgitation. <i>Circulation</i> , <b>2019</b> , 139, 1354-1365	16.7	140
187	Impact of Intensive LDL Cholesterol Lowering on Coronary Artery Atherosclerosis Progression: A Serial CT Angiography Study. <i>JACC: Cardiovascular Imaging</i> , <b>2017</b> , 10, 437-446	8.4	53
186	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> , <b>2018</b> , 11, e006986	3.9	43
185	Abnormal left ventricular vortex flow patterns in association with left ventricular apical thrombus formation in patients with anterior myocardial infarction: a quantitative analysis by contrast echocardiography. <i>Circulation Journal</i> , <b>2012</b> , 76, 2640-6	2.9	43
184	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> , <b>2014</b> , 7, 535-44	3.9	42
183	Effects of inhaled iloprost on exercise capacity, quality of life, and cardiac function in patients with pulmonary arterial hypertension secondary to congenital heart disease (the Eisenmenger syndrome) (from the EIGER Study). <i>American Journal of Cardiology</i> , <b>2013</b> , 112, 1834-9	3	40
182	Association between Aortic Atheroma and Cerebral Small Vessel Disease in Patients with Ischemic Stroke. <i>Journal of Stroke</i> , <b>2016</b> , 18, 312-320	5.6	36
181	Aortic calcification is associated with arterial stiffening, left ventricular hypertrophy, and diastolic dysfunction in elderly male patients with hypertension. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 1633-41	1.9	34
180	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> , <b>2017</b> , 27, 3924-3933	8	30
179	Current clinical application of intracardiac flow analysis using echocardiography. <i>Journal of Cardiovascular Imaging</i> , <b>2013</b> , 21, 155-62	0	30
178	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> , <b>2012</b> , 60, 2205-15	15.1	29
177	Neural tracts injuries in patients with hypoxic ischemic brain injury: diffusion tensor imaging study. <i>Neuroscience Letters</i> , <b>2012</b> , 528, 16-21	3.3	25
176	Clinical Implications and Determinants of Left Atrial Mechanical Dysfunction in Patients With Stroke. <i>Stroke</i> , <b>2016</b> , 47, 1444-51	6.7	25
175	The impact of obesity on subclinical coronary atherosclerosis according to the risk of cardiovascular disease. <i>Obesity</i> , <b>2014</b> , 22, 1762-8	8	22
174	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> , <b>2016</b> , 214, 454-60	3.2	22

173	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> , <b>2017</b> , 30, 393-403.e7	5.8	21
172	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> , <b>2015</b> , 116, 1547-54	3	21
171	Assessment of Mitral Paravalvular Leakage After Mitral Valve Replacement Using Cardiac Computed Tomography: Comparison With Surgical Findings. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9,	3.9	21
170	Multiple coronary artery-left ventricular microfistulae in a patient with apical hypertrophic cardiomyopathy: a demonstration by transthoracic color Doppler echocardiography. <i>Yonsei Medical Journal</i> , <b>2003</b> , 44, 710-4	3	21
169	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> , <b>2021</b> , 143, 510-512	16.7	20
168	Left Atrial Appendage Occlusion in Non-Valvular Atrial Fibrillation in a Korean Multi-Center Registry. <i>Circulation Journal</i> , <b>2016</b> , 80, 1123-30	2.9	19
167	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> , <b>2016</b> , 24, 20-7	0	19
166	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> , <b>2016</b> , 5,	6	19
165	Statin and clinical outcomes of primary prevention in individuals aged >75 years: The SCOPE-75 study. <i>Atherosclerosis</i> , <b>2019</b> , 284, 31-36	3.1	18
164	Predictors of Recurrent Stroke in Patients with Ischemic Stroke: Comparison Study between Transesophageal Echocardiography and Cardiac CT. <i>Radiology</i> , <b>2015</b> , 276, 381-9	20.5	18
163	Effects of continuous positive airway pressure therapy on left ventricular diastolic function: a randomised, sham-controlled clinical trial. <i>European Respiratory Journal</i> , <b>2018</b> , 51,	13.6	18
162	Diagnostic and prognostic significance of cardiovascular vortex formation. <i>Journal of Cardiology</i> , <b>2019</b> , 74, 403-411	3	18
161	The incidence and clinical outcome of constrictive physiology after coronary artery bypass graft surgery. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 2110-2	15.1	18
160	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> , <b>2013</b> , 24, 81-9	0	18
159	Feasibility of Left Atrial Appendage Occlusion for Left Atrial Appendage Thrombus in Patients With Persistent Atrial Fibrillation. <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 1534-1539	3	17
158	Effect of End-Stage Renal Disease on Rate of Progression of Aortic Stenosis. <i>American Journal of Cardiology</i> , <b>2016</b> , 117, 1972-7	3	17
157	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> , <b>2015</b> , 150, 1082-90	1.5	16
156	D-dimer for prediction of long-term outcome in cryptogenic stroke patients with patent foramen ovale. <i>Thrombosis and Haemostasis</i> , <b>2015</b> , 114, 614-22	7	16

155	Poor Outcome of Stroke Patients With Atrial Fibrillation in the Presence of Coexisting Spontaneous Echo Contrast. <i>Stroke</i> , <b>2016</b> , 47, 1920-2	6.7	16
154	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> , <b>2015</b> , 31, 1379-89	2.5	15
153	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> , <b>2017</b> , 23, 21	4.8	15
152	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> , <b>2019</b> , 32, 826-835	5.8	15
151	Impact of D-Dimer for Prediction of Incident Occult Cancer in Patients with Unprovoked Venous Thromboembolism. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153514	3.7	15
150	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> , <b>2014</b> , 5, 362-71	3.9	14
149	Fabry disease in patients with hypertrophic cardiomyopathy: a practical approach to diagnosis. <i>Journal of Human Genetics</i> , <b>2016</b> , 61, 775-80	4.3	14
148	Characterization of the left atrial vortex flow by two-dimensional transesophageal contrast echocardiography using particle image velocimetry. <i>Ultrasound in Medicine and Biology</i> , <b>2013</b> , 39, 62-71	3.5	13
147	Predictors of prognosis in patients with mild to moderate paravalvular leakage after mitral valve replacement. <i>Journal of Cardiac Surgery</i> , <b>2014</b> , 29, 149-54	1.3	13
146	Prosthesis-Patient Mismatch after Mitral Valve Replacement: Comparison of Different Methods of Effective Orifice Area Calculation. <i>Yonsei Medical Journal</i> , <b>2016</b> , 57, 328-36	3	13
145	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> , <b>2016</b> , 29, 759-767	5.8	13
144	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> , <b>2015</b> , 7, 3	5.6	12
143	Morphological and functional characteristics of mitral annular calcification and their relationship to stroke. <i>PLoS ONE</i> , <b>2020</b> , 15, e0227753	3.7	12
142	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> , <b>2013</b> , 7, 198-205		12
141	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> , <b>2014</b> , 44, 312-9	2.2	12
140	Late Bacterial Endocarditis and Abscess Formation After Implantation of an Amplatzer Septal Occluder Device. <i>Circulation</i> , <b>2015</b> , 131, e536-8	16.7	11
139	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> , <b>2014</b> , 15, 18-23	4.1	11
138	Impact of central haemodynamics on left ventricular function in individuals with an exaggerated blood pressure response to exercise. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 612-20; discussion 620	1.9	11

137	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> , <b>2021</b> ,	1.5	11
136	Cardiotoxicity of trastuzumab in patients with HER2-positive gastric cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 61837-61845	3.5	10
135	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> , <b>2018</b> , 44, 1951-1959	3.5	10
134	Left atrial volume index is an independent predictor of hypertensive response to exercise in patients with hypertension. <i>Hypertension Research</i> , <b>2015</b> , 38, 137-42	4.7	10
133	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> , <b>2017</b> , 243, 460-465	3.2	10
132	A Case of Infective Endocarditis caused by <i>Abiotrophia defectiva</i> in Korea. <i>Infection and Chemotherapy</i> , <b>2016</b> , 48, 229-233	3.9	10
131	Preclinical assessment of a modified Occlutech left atrial appendage closure device in a canine model. <i>International Journal of Cardiology</i> , <b>2016</b> , 221, 413-8	3.2	9
130	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> , <b>2015</b> , 17, 1051-8	3.9	9
129	Massive left atrial calcification associated with mitral valve replacement. <i>Journal of Cardiovascular Imaging</i> , <b>2010</b> , 18, 151-3	0	9
128	Incidence, Predictors, and Clinical Outcomes of Postoperative Cardiac Tamponade in Patients Undergoing Heart Valve Surgery. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165754	3.7	9
127	Infective Endocarditis in Cancer Patients - Causative Organisms, Predisposing Procedures, and Prognosis Differ From Infective Endocarditis in Non-Cancer Patients. <i>Circulation Journal</i> , <b>2019</b> , 83, 452-460	4.0	9
126	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> , <b>2017</b> , 103, 74-81	2.7	8
125	Aortic aneurysm screening in a high-risk population: a non-contrast computed tomography study in Korean males with hypertension. <i>Korean Circulation Journal</i> , <b>2014</b> , 44, 162-9	2.2	8
124	Multidisciplinary team approach for identifying potential candidate for transcatheter aortic valve implantation. <i>Yonsei Medical Journal</i> , <b>2014</b> , 55, 1246-52	3	8
123	Factors Determining Aortic Valve Dysfunction in Korean Subjects With a Bicuspid Aortic Valve. <i>American Journal of Cardiology</i> , <b>2017</b> , 119, 2049-2055	3	7
122	Ventricular Stiffness and Ventricular-Arterial Coupling in Heart Failure: What Is It, How to Assess, and Why?. <i>Heart Failure Clinics</i> , <b>2019</b> , 15, 267-274	3.3	7
121	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> , <b>2015</b> , 26, 150-6	1.4	7
120	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> , <b>2016</b> , 5,	6	7

119	Automated quantification of left atrial size using three-beat averaging real-time three dimensional Echocardiography in patients with atrial fibrillation. <i>Cardiovascular Ultrasound</i> , <b>2015</b> , 13, 38	2.4	7
118	Predicting Peri-Device Leakage of Left Atrial Appendage Device Closure Using Novel Three-Dimensional Geometric CT Analysis. <i>Journal of Cardiovascular Imaging</i> , <b>2015</b> , 23, 211-8	0	7
117	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> , <b>2015</b> , 16, 1153-62	6.9	7
116	Echocardiographic investigation of the mechanism underlying abnormal interventricular septal motion after open heart surgery. <i>Journal of Cardiovascular Imaging</i> , <b>2014</b> , 22, 8-13	0	7
115	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> , <b>2013</b> , 36, 480-5	3.3	7
114	Statin Intensity and Clinical Outcome in Patients with Stable Coronary Artery Disease and Very Low LDL-Cholesterol. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166246	3.7	7
113	Differentiation of left atrial appendage thrombus from circulatory stasis using cardiac CT radiomics in patients with valvular heart disease. <i>European Radiology</i> , <b>2021</b> , 31, 1130-1139	8	7
112	Different infarction patterns in patients with aortic atheroma compared to those with cardioembolism or large artery atherosclerosis. <i>Journal of Neurology</i> , <b>2018</b> , 265, 151-158	5.5	7
111	Dynamic change in left ventricular apical back rotation: a marker of diastolic suction with exercise. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2018</b> , 19, 12-19	4.1	7
110	Delayed left atrial appendage contrast filling in computed tomograms after percutaneous left atrial appendage occlusion. <i>Journal of Cardiology</i> , <b>2017</b> , 70, 571-577	3	6
109	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> , <b>2019</b> , 20, 352-363	6.9	6
108	Prevalence, functional characteristics, and clinical significance of right ventricular involvement in patients with hypertrophic cardiomyopathy. <i>Scientific Reports</i> , <b>2020</b> , 10, 21908	4.9	6
107	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> , <b>2016</b> , 29, 561-6	5.8	6
106	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> , <b>2014</b> , 14, 105	2.3	6
105	The Clinical Impact of Bedside Contrast Echocardiography in Intensive Care Settings: A Korean Multicenter Study. <i>Korean Circulation Journal</i> , <b>2015</b> , 45, 486-91	2.2	6
104	Clinical significance of changes in the corrected QT interval in stress-induced cardiomyopathy. <i>Korean Journal of Internal Medicine</i> , <b>2016</b> , 31, 507-16	2.5	6
103	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> , <b>2019</b> , 30, 102-108	2.7	6
102	Transient apical wall thickening in patients with stress cardiomyopathy: Prevalence, profile, and impact on clinical course. <i>International Journal of Cardiology</i> , <b>2015</b> , 194, 87-92	3.2	5

101	Prevalence, predictors, and prognosis of tricuspid regurgitation following permanent pacemaker implantation. <i>PLoS ONE</i> , <b>2020</b> , 15, e0235230	3.7	5
100	Unravelling the mechanism of action of enzyme replacement therapy in Fabry disease. <i>Journal of Human Genetics</i> , <b>2016</b> , 61, 143-9	4.3	5
99	Predictors of Long-Term Outcomes of Percutaneous Mitral Valvuloplasty in Patients with Rheumatic Mitral Stenosis. <i>Yonsei Medical Journal</i> , <b>2018</b> , 59, 273-278	3	5
98	High prevalence of unrecognized chordae tendineae rupture in mitral valve prolapse patients undergoing valve replacement surgery. <i>Canadian Journal of Cardiology</i> , <b>2013</b> , 29, 1643-8	3.8	5
97	Characteristics of Carotid Artery Structure and Mechanical Function and Their Relationships with Aortopathy in Patients with Bicuspid Aortic Valves. <i>Frontiers in Physiology</i> , <b>2017</b> , 8, 622	4.6	5
96	Safety and cost-effectiveness of bridge therapies for invasive dental procedures in patients with mechanical heart valves. <i>Yonsei Medical Journal</i> , <b>2014</b> , 55, 937-43	3	5
95	Prediction of hemorrhagic transformation following embolic stroke in patients with prosthetic valve endocarditis. <i>Journal of Cardiovascular Imaging</i> , <b>2013</b> , 21, 123-9	0	5
94	Fabry disease and COVID-19: international expert recommendations for management based on real-world experience. <i>CKJ: Clinical Kidney Journal</i> , <b>2020</b> , 13, 913-925	4.5	5
93	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> , <b>2018</b> , 13, e0205006	3.7	5
92	PRavastatin Versus FLUVastatin After Statin Intolerance: The PRUV-Intolerance Study With Propensity Score Matching. <i>American Journal of Medicine</i> , <b>2019</b> , 132, 1320-1326.e1	2.4	4
91	Intraventricular Flow: More than Pretty Pictures. <i>Heart Failure Clinics</i> , <b>2019</b> , 15, 257-265	3.3	4
90	Determinants and Prognostic Significance of Symptomatic Status in Patients with Moderately Dysfunctional Bicuspid Aortic Valves. <i>PLoS ONE</i> , <b>2017</b> , 12, e0169285	3.7	4
89	Transcatheter aortic valve implantation in a patient with previous mitral valve replacement. <i>Korean Circulation Journal</i> , <b>2014</b> , 44, 344-7	2.2	4
88	The case of isolated double atrial septum with persistent interatrial space. <i>Journal of Cardiovascular Imaging</i> , <b>2013</b> , 21, 197-9	0	4
87	Cardiac Manifestations of Coronavirus Disease 2019 (COVID-19): a Multicenter Cohort Study. <i>Journal of Korean Medical Science</i> , <b>2020</b> , 35, e366	4.7	4
86	Prevalence, Characteristics, and Clinical Significance of Concomitant Cardiomyopathies in Subjects with Bicuspid Aortic Valves. <i>Yonsei Medical Journal</i> , <b>2019</b> , 60, 816-823	3	4
85	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> , <b>2017</b> , 30, 552-560	5.8	3
84	Predicting Disease Progression in Patients with Bicuspid Aortic Stenosis Using Mathematical Modeling. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	3

83	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> , <b>2019</b> , 49, 173-180	2.2	3
82	Risk Factors for Closure Failure following Percutaneous Transfemoral Transcatheter Aortic Valve Implantation. <i>Annals of Vascular Surgery</i> , <b>2020</b> , 66, 406-414	1.7	3
81	Degenerative Mitral Stenosis Versus Rheumatic Mitral Stenosis. <i>American Journal of Cardiology</i> , <b>2020</b> , 125, 1536-1542	3	3
80	Incremental predictive value of carotid arterial strain in patients with stroke. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 893-902	2.5	3
79	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> , <b>2018</b> , 59, 265-272	3	3
78	Migration of calcium and atheromatous plaque in computed tomography: an important mechanism of coronary artery occlusion after transcatheter aortic valve replacement. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, e23	15.1	3
77	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> , <b>2017</b> , 25, 28-33	0	3
76	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> , <b>2015</b> , 32, 896-903	1.5	3
75	Differential Prognostic Value of Coronary Computed Tomography Angiography in Relation to Exercise Electrocardiography in Asymptomatic Subjects. <i>Journal of Cardiovascular Imaging</i> , <b>2015</b> , 23, 244-52	0	3
74	Accessory papillary muscles and papillary muscle hypertrophy are associated with sudden cardiac arrest of unknown cause. <i>International Journal of Cardiology</i> , <b>2015</b> , 197, 285-91	3.2	3
73	Differential association between obesity and coronary artery disease according to the presence of diabetes in a Korean population. <i>Diabetology and Metabolic Syndrome</i> , <b>2014</b> , 6, 134	5.6	3
72	Impact of atherosclerosis detection by carotid ultrasound on physician behavior and risk-factor management in asymptomatic hypertensive subjects. <i>Clinical Cardiology</i> , <b>2014</b> , 37, 91-6	3.3	3
71	Prosthetic mitral valve leaflet escape. <i>Journal of Cardiovascular Imaging</i> , <b>2013</b> , 21, 96-9	0	3
70	Real-world efficacy and safety of nebivolol in Korean patients with hypertension from the BENEFIT KOREA study. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 527-535	1.9	3
69	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> , <b>2016</b> , 24, 215-222	0	3
68	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> , <b>2016</b> , 23, 876-882	1.8	3
67	Differences in Flow-Gradient Patterns Between Severe Bicuspid Aortic Stenosis and Severe Tricuspid Aortic Stenosis - Mechanistic Insight From Multimodal Imaging. <i>Circulation Journal</i> , <b>2019</b> , 84, 119-126	2.9	3
66	Comparison of Transcatheter Aortic Valve Replacement between Self-Expanding versus Balloon-Expandable Valves in Patients with Small Aortic Annulus. <i>Korean Circulation Journal</i> , <b>2021</b> , 51, 222-231	2.2	3



65	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> , <b>2019</b> , 288, 44-50	3.2	2
64	Prognostic Application of Thoracic Aortic Calcium Scoring for Adverse Clinical Outcome Risk in Elderly Patients with Left Ventricular Hypertrophy. <i>Korean Circulation Journal</i> , <b>2017</b> , 47, 918-928	2.2	2
63	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> , <b>2018</b> , 35, 957-964	1.5	2
62	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> , <b>2018</b> , 140, 14-20	1.6	2
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