

Geu-Ru Hong

List of Publications by Year in descending order

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Version: 2024-02-01

199
papers

3,093
citations

236833

25
h-index

233338

45
g-index

204
all docs

204
docs citations

204
times ranked

4810
citing authors

#	ARTICLE	IF	CITATIONS
1	Early Surgery or Conservative Care for Asymptomatic Aortic Stenosis. <i>New England Journal of Medicine</i> , 2020, 382, 111-119.	13.9	300
2	Characterization and Quantification of Vortex Flow in the Human Left Ventricle by Contrast Echocardiography Using Vector Particle Image Velocimetry. <i>JACC: Cardiovascular Imaging</i> , 2008, 1, 705-717.	2.3	290
3	Angiotensin Receptor Neprilysin Inhibitor for Functional Mitral Regurgitation. <i>Circulation</i> , 2019, 139, 1354-1365.	1.6	233
4	Impact of Intensive LDL Cholesterol Lowering on Coronary Artery Atherosclerosis Progression. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 437-446.	2.3	73
5	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.	1.3	61
6	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, 535-544.	1.3	55
7	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> , 2013, 112, 1834-1839.	0.7	54
8	Abnormal Left Ventricular Vortex Flow Patterns in Association With Left Ventricular Apical Thrombus Formation in Patients With Anterior Myocardial Infarction. <i>Circulation Journal</i> , 2012, 76, 2640-2646.	0.7	51
9	Randomized, Controlled Trial to Evaluate the Effect of Dapagliflozin on Left Ventricular Diastolic Function in Patients With Type 2 Diabetes Mellitus. <i>Circulation</i> , 2021, 143, 510-512.	1.6	46
10	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.	2.3	44
11	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, 1633-1641.	0.3	42
12	Association between Aortic Atheroma and Cerebral Small Vessel Disease in Patients with Ischemic Stroke. <i>Journal of Stroke</i> , 2016, 18, 312-320.	1.4	42
13	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> , 2023, 165, 58-67.e4.	0.4	38
14	Current Clinical Application of Intracardiac Flow Analysis Using Echocardiography. <i>Journal of Cardiovascular Imaging</i> , 2013, 21, 155.	0.8	36
15	Clinical Implications and Determinants of Left Atrial Mechanical Dysfunction in Patients With Stroke. <i>Stroke</i> , 2016, 47, 1444-1451.	1.0	32
16	Diagnostic and prognostic significance of cardiovascular vortex formation. <i>Journal of Cardiology</i> , 2019, 74, 403-411.	0.8	32
17	Neural tracts injuries in patients with hypoxic ischemic brain injury: Diffusion tensor imaging study. <i>Neuroscience Letters</i> , 2012, 528, 16-21.	1.0	31
18	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, 1547-1554.	0.7	31

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19	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, 2205-2215.	1.2	30
20	Assessment of Mitral Paravalvular Leakage After Mitral Valve Replacement Using Cardiac Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	1.3	29
21	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.	1.2	29
22	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, 1701774.	3.1	29
23	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.	1.2	29
24	Left Atrial Appendage Occlusion in Non-Valvular Atrial Fibrillation in a Korean Multi-Center Registry. <i>Circulation Journal</i> , 2016, 80, 1123-1130.	0.7	28
25	Impact of D-Dimer for Prediction of Incident Occult Cancer in Patients with Unprovoked Venous Thromboembolism. <i>PLoS ONE</i> , 2016, 11, e0153514.	1.1	28
26	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> , 2003, 44, 710.	0.9	27
27	Poor Outcome of Stroke Patients With Atrial Fibrillation in the Presence of Coexisting Spontaneous Echo Contrast. <i>Stroke</i> , 2016, 47, 1920-1922.	1.0	27
28	Statin and clinical outcomes of primary prevention in individuals aged >75 years: The SCOPE-75 study. <i>Atherosclerosis</i> , 2019, 284, 31-36.	0.4	27
29	The impact of obesity on subclinical coronary atherosclerosis according to the risk of cardiovascular disease. <i>Obesity</i> , 2014, 22, 1762-1768.	1.5	26
30	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, 454-460.	0.8	26
31	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.	0.8	25
32	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, .	1.6	25
33	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, 21, 81.	0.8	23
34	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.	0.7	23
35	Effect of End-Stage Renal Disease on Rate of Progression of Aortic Stenosis. <i>American Journal of Cardiology</i> , 2016, 117, 1972-1977.	0.7	22
36	D-dimer for prediction of long-term outcome in cryptogenic stroke patients with patent foramen ovale. <i>Thrombosis and Haemostasis</i> , 2015, 114, 614-622.	1.8	21

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37	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, 1082-1090.	0.4	21
38	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, 1379-1389.	0.7	21
39	Predictors of Recurrent Stroke in Patients with Ischemic Stroke: Comparison Study between Transesophageal Echocardiography and Cardiac CT. <i>Radiology</i> , 2015, 276, 381-389.	3.6	20
40	Fabry disease in patients with hypertrophic cardiomyopathy: a practical approach to diagnosis. <i>Journal of Human Genetics</i> , 2016, 61, 775-780.	1.1	20
41	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.	0.5	20
42	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, 2110-2112.	1.2	19
43	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.	0.7	19
44	Morphological and functional characteristics of mitral annular calcification and their relationship to stroke. <i>PLoS ONE</i> , 2020, 15, e0227753.	1.1	19
45	Prevalence, predictors, and prognosis of tricuspid regurgitation following permanent pacemaker implantation. <i>PLoS ONE</i> , 2020, 15, e0235230.	1.1	18
46	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.	2.3	18
47	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.	1.2	17
48	Prosthesis-Patient Mismatch after Mitral Valve Replacement: Comparison of Different Methods of Effective Orifice Area Calculation. <i>Yonsei Medical Journal</i> , 2016, 57, 328.	0.9	17
49	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.	1.2	17
50	Predictors of Prognosis in Patients with Mild to Moderate Paravalvular Leakage After Mitral Valve Replacement. <i>Journal of Cardiac Surgery</i> , 2014, 29, 149-154.	0.3	16
51	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, 362-371.	1.1	16
52	Factors Determining Aortic Valve Dysfunction in Korean Subjects With a Bicuspid Aortic Valve. <i>American Journal of Cardiology</i> , 2017, 119, 2049-2055.	0.7	16
53	Cardiotoxicity of trastuzumab in patients with HER2-positive gastric cancer. <i>Oncotarget</i> , 2017, 8, 61837-61845.	0.8	16
54	Incidence, Predictors, and Clinical Outcomes of Postoperative Cardiac Tamponade in Patients Undergoing Heart Valve Surgery. <i>PLoS ONE</i> , 2016, 11, e0165754.	1.1	16

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55	Characterization of the Left Atrial Vortex Flow by Two-Dimensional Transesophageal Contrast Echocardiography Using Particle Image Velocimetry. <i>Ultrasound in Medicine and Biology</i> , 2013, 39, 62-71.	0.7	15
56	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.	0.7	15
57	Prevalence, functional characteristics, and clinical significance of right ventricular involvement in patients with hypertrophic cardiomyopathy. <i>Scientific Reports</i> , 2020, 10, 21908.	1.6	15
58	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.	0.7	14
59	The ratio of early transmitral flow velocity (E/a) to early mitral annular velocity (E/a_m) predicts improvement in left ventricular systolic and diastolic function 1 year after catheter ablation for atrial fibrillation. <i>Europace</i> , 2015, 17, 1051-1058.	0.7	14
60	A Case of Infective Endocarditis caused by <i>Abiotrophia defectiva</i> in Korea. <i>Infection and Chemotherapy</i> , 2016, 48, 229.	1.0	14
61	Massive Left Atrial Calcification Associated with Mitral Valve Replacement. <i>Journal of Cardiovascular Imaging</i> , 2010, 18, 151.	0.8	13
62	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.	2.3	13
63	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.	0.5	13
64	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.	0.7	13
65	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, 612-620.	0.3	12
66	Late Bacterial Endocarditis and Abscess Formation After Implantation of an Amplatzer Septal Occluder Device. <i>Circulation</i> , 2015, 131, e536-8.	1.6	12
67	Determinants and Prognostic Significance of Symptomatic Status in Patients with Moderately Dysfunctional Bicuspid Aortic Valves. <i>PLoS ONE</i> , 2017, 12, e0169285.	1.1	12
68	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.	0.7	11
69	Left atrial volume index is an independent predictor of hypertensive response to exercise in patients with hypertension. <i>Hypertension Research</i> , 2015, 38, 137-142.	1.5	11
70	Preclinical assessment of a modified Occlutech left atrial appendage closure device in a canine model. <i>International Journal of Cardiology</i> , 2016, 221, 413-418.	0.8	11
71	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, .	1.6	11
72	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, 561-566.	1.2	11

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73	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.	1.3	11
74	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.	1.8	11
75	Ventricular Stiffness and Ventricular-Arterial Coupling in Heart Failure. <i>Heart Failure Clinics</i> , 2019, 15, 267-274.	1.0	11
76	Degenerative Mitral Stenosis Versus Rheumatic Mitral Stenosis. <i>American Journal of Cardiology</i> , 2020, 125, 1536-1542.	0.7	11
77	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.	0.8	11
78	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.	1.4	11
79	Echocardiographic Investigation of the Mechanism Underlying Abnormal Interventricular Septal Motion after Open Heart Surgery. <i>Journal of Cardiovascular Imaging</i> , 2014, 22, 8.	0.8	10
80	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.	0.7	10
81	Intraventricular Flow. <i>Heart Failure Clinics</i> , 2019, 15, 257-265.	1.0	10
82	Cardiac Manifestations of Coronavirus Disease 2019 (COVID-19): a Multicenter Cohort Study. <i>Journal of Korean Medical Science</i> , 2020, 35, e366.	1.1	10
83	Prevalence, Characteristics, and Clinical Significance of Concomitant Cardiomyopathies in Subjects with Bicuspid Aortic Valves. <i>Yonsei Medical Journal</i> , 2019, 60, 816.	0.9	10
84	Clinical significance of changes in the corrected QT interval in stress-induced cardiomyopathy. <i>Korean Journal of Internal Medicine</i> , 2016, 31, 507-516.	0.7	10
85	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.	0.7	10
86	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.	0.5	9
87	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.	0.8	9
88	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.	1.5	9
89	The Clinical Impact of Bedside Contrast Echocardiography in Intensive Care Settings: A Korean Multicenter Study. <i>Korean Circulation Journal</i> , 2015, 45, 486.	0.7	9
90	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.	0.8	9

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91	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.	0.5	9
92	Predictors of Long-Term Outcomes of Percutaneous Mitral Valvuloplasty in Patients with Rheumatic Mitral Stenosis. <i>Yonsei Medical Journal</i> , 2018, 59, 273.	0.9	9
93	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.	0.7	9
94	Statin Intensity and Clinical Outcome in Patients with Stable Coronary Artery Disease and Very Low LDL-Cholesterol. <i>PLoS ONE</i> , 2016, 11, e0166246.	1.1	9
95	Predictors of Subsequent Heart Failure After Left Atrial Appendage Closure. <i>Circulation Journal</i> , 2022, 86, 1129-1136.	0.7	9
96	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, 480-485.	0.7	8
97	Multidisciplinary Team Approach for Identifying Potential Candidate for Transcatheter Aortic Valve Implantation. <i>Yonsei Medical Journal</i> , 2014, 55, 1246.	0.9	8
98	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, 150-156.	0.3	8
99	Delayed left atrial appendage contrast filling in computed tomograms after percutaneous left atrial appendage occlusion. <i>Journal of Cardiology</i> , 2017, 70, 571-577.	0.8	8
100	Predicting Disease Progression in Patients with Bicuspid Aortic Stenosis Using Mathematical Modeling. <i>Journal of Clinical Medicine</i> , 2019, 8, 1302.	1.0	8
101	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.	0.8	8
102	Risk Factors for Closure Failure following Percutaneous Transfemoral Transcatheter Aortic Valve Implantation. <i>Annals of Vascular Surgery</i> , 2020, 66, 406-414.	0.4	8
103	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.	1.2	8
104	Pre-procedural determination of device size in left atrial appendage occlusion using three-dimensional cardiac computed tomography. <i>Scientific Reports</i> , 2021, 11, 24107.	1.6	8
105	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.	0.3	7
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> , 2014, 14, 105.	0.7	7
107	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.	1.1	7
108	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.	0.7	7

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109	Prosthetic Mitral Valve Leaflet Escape. <i>Journal of Cardiovascular Imaging</i> , 2013, 21, 96.	0.8	6
110	Prediction of Hemorrhagic Transformation Following Embolic Stroke in Patients with Prosthetic Valve Endocarditis. <i>Journal of Cardiovascular Imaging</i> , 2013, 21, 123.	0.8	6
111	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.	0.9	6
112	Accessory papillary muscles and papillary muscle hypertrophy are associated with sudden cardiac arrest of unknown cause. <i>International Journal of Cardiology</i> , 2015, 197, 285-291.	0.8	6
113	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.	0.8	6
114	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, 45-52.	0.7	6
115	Unravelling the mechanism of action of enzyme replacement therapy in Fabry disease. <i>Journal of Human Genetics</i> , 2016, 61, 143-149.	1.1	6
116	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.	1.2	6
117	Incremental predictive value of carotid arterial strain in patients with stroke. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 893-902.	0.7	6
118	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.	1.5	6
119	High Prevalence of Unrecognized Chordae Tendineae Rupture in Mitral Valve Prolapse Patients Undergoing Valve Replacement Surgery. <i>Canadian Journal of Cardiology</i> , 2013, 29, 1643-1648.	0.8	5
120	The Case of Isolated Double Atrial Septum with Persistent Interatrial Space. <i>Journal of Cardiovascular Imaging</i> , 2013, 21, 197.	0.8	5
121	Impact of Atherosclerosis Detection by Carotid Ultrasound on Physician Behavior and Risk Factor Management in Asymptomatic Hypertensive Subjects. <i>Clinical Cardiology</i> , 2014, 37, 91-96.	0.7	5
122	Effect of Triflusal on Primary Vascular Dysregulation Compared with Aspirin: A Double-Blind, Randomized, Crossover Trial. <i>Yonsei Medical Journal</i> , 2015, 56, 1227.	0.9	5
123	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.	0.7	5
124	Sinus node dysfunction after surgical atrial fibrillation ablation with concomitant mitral valve surgery: Determinants and clinical outcomes. <i>PLoS ONE</i> , 2018, 13, e0203828.	1.1	5
125	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.	0.9	5
126	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.	0.7	5

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127	Transcatheter Aortic Valve Replacement versus Sutureless Aortic Valve Replacement: A Single Center Retrospective Cohort Study. <i>Yonsei Medical Journal</i> , 2021, 62, 885.	0.9	5
128	Spontaneous Rupture of a Papillary Muscle. <i>Circulation</i> , 2013, 127, e586-8.	1.6	4
129	Transcatheter Aortic Valve Implantation in a Patient with Previous Mitral Valve Replacement. <i>Korean Circulation Journal</i> , 2014, 44, 344.	0.7	4
130	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.	1.2	4
131	Migration of Calcium and Atheromatous Plaque in Computed Tomography. <i>Journal of the American College of Cardiology</i> , 2014, 63, e23.	1.2	4
132	Differential Impact of Constrictive Physiology after Pericardiocentesis in Malignancy Patients with Pericardial Effusion. <i>PLoS ONE</i> , 2015, 10, e0145461.	1.1	4
133	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.	0.8	4
134	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.	0.3	4
135	Pravastatin Versus Fluvastatin After Statin Intolerance: The PRUIV-Intolerance Study With Propensity Score Matching. <i>American Journal of Medicine</i> , 2019, 132, 1320-1326.e1.	0.6	4
136	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.	0.8	4
137	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.	0.7	4
138	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, 222.	1.0	4
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