

Byung Joo Sun

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,797
citations

623734

14
h-index

265206

42
g-index

50
all docs

50
docs citations

50
times ranked

2761
citing authors

#	ARTICLE	IF	CITATIONS
1	Bicuspid aortic valve: evolving knowledge and new questions. <i>Heart</i> , 2023, 109, 10-17.	2.9	5
2	Prognostic Impact of Left Atrial Strain After Mitral Valve Repair Surgery in Patients With Severe Mitral Regurgitation. <i>Korean Circulation Journal</i> , 2022, 52, 205.	1.9	7
3	Current Unmet Needs and Clues to the Solution in the Management of Tricuspid Regurgitation. <i>Korean Circulation Journal</i> , 2022, 52, 414.	1.9	2
4	Effect of Cardiac Rehabilitation on Left Ventricular Diastolic Function in Patients with Acute Myocardial Infarction. <i>Journal of Clinical Medicine</i> , 2021, 10, 2088.	2.4	5
5	Echocardiographic Measurement of Left Atrial Strain—A Key Requirement in Clinical Practice. <i>Circulation Journal</i> , 2021, 86, 6-13.	1.6	15
6	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.	0.7	29
7	Pulmonary hypertension in patients with Philadelphia-negative myeloproliferative neoplasms: a single-center retrospective analysis of 225 patients. <i>Blood Research</i> , 2020, 55, 77-84.	1.3	3
8	Right Ventricle and Acute Preload Change. <i>Journal of Cardiovascular Imaging</i> , 2020, 28, 48.	0.7	0
9	Prevalence and Prediction of Aneurysmal Dilatation of the Abdominal Aorta in Koreans: Results of Screening During Transthoracic Echocardiographic Examination. <i>Journal of Cardiovascular Imaging</i> , 2020, 28, 257.	0.7	1
10	Mid-term Clinical Outcomes in a Cohort of Asymptomatic or Mildly Symptomatic Korean Patients with Bicuspid Aortic Valve in a Tertiary Referral Hospital. <i>Journal of Cardiovascular Imaging</i> , 2019, 27, 105.	0.7	9
11	Arterial Stiffness and Aortic Root Geometry: A Special Insight on Usual Materials. <i>Journal of Cardiovascular Imaging</i> , 2019, 27, 22.	0.7	0
12	Long-term Survival in Korean Elderly Patients with Symptomatic Severe Aortic Stenosis Who Refused Aortic Valve Replacement. <i>Korean Circulation Journal</i> , 2019, 49, 160.	1.9	4
13	Time-dependent reversal of significant intrapulmonary shunt after liver transplantation. <i>Korean Journal of Internal Medicine</i> , 2019, 34, 510-518.	1.7	3
14	Intrinsic changes of left ventricular function in patients with Behçet disease and comparison according to systemic disease activity. <i>Echocardiography</i> , 2018, 35, 809-816.	0.9	6
15	Cryptogenic Stroke and High-Risk Patent Foramen Ovale. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2335-2342.	2.8	388
16	The association between aortic regurgitation and undetermined embolic infarction with aortic complex plaque. <i>International Journal of Stroke</i> , 2018, 13, 391-399.	5.9	5
17	Impact of Significant Mitral Regurgitation on Assessing the Severity of Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 26-33.	2.8	8
18	Impaired left ventricular diastolic function is related to the formation of left ventricular apical thrombus in patients with acute anterior myocardial infarction. <i>Heart and Vessels</i> , 2018, 33, 447-452.	1.2	15

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19	Clinical Characteristics of Korean Patients with Bicuspid Aortic Valve Who Underwent Aortic Valve Surgery. Korean Circulation Journal, 2018, 48, 48.	1.9	10
20	Impact of a Geometric Correction for Proximal Flow Constraint on the Assessment of Mitral Regurgitation Severity Using the Proximal Flow Convergence Method. Journal of Cardiovascular Imaging, 2018, 26, 33.	0.8	5
21	Normal reference values of diastolic strain rate in healthy individuals: Chronological trends and the comparison according to genders. Echocardiography, 2018, 35, 1533-1541.	0.9	8
22	Performance of a Simplified Dichotomous Phenotypic Classification of Bicuspid Aortic Valve to Predict Type of Valvulopathy and Combined Aortopathy. Journal of the American Society of Echocardiography, 2017, 30, 1152-1161.	2.8	20
23	In vivo assessment of aortic root geometry in normal controls using 3D analysis of computed tomography. European Heart Journal Cardiovascular Imaging, 2017, 18, 780-786.	1.2	11
24	Severe Leakage Presenting Mitral Regurgitation Caused by a Pseudoaneurysm Connecting the Left Ventricle and the Left Atrium Through Fistulae as a Rare Complication of Cardiac Trauma. Korean Circulation Journal, 2017, 47, 532.	1.9	0
25	Incidence and Clinical Course of Left Ventricular Systolic Dysfunction in Patients with Carbon Monoxide Poisoning. Korean Circulation Journal, 2016, 46, 665.	1.9	9
26	Impact of Valvuloarterial Impedance on Concentric Remodeling in Aortic Stenosis and Its Regression after Valve Replacement. Journal of Cardiovascular Imaging, 2016, 24, 201.	0.8	14
27	Severe Aortic Stenosis Associated with Unicommissural Unicuspid Aortic Valve in a Middle Aged Male. Journal of Cardiovascular Imaging, 2016, 24, 247.	0.8	0
28	Comparison of long-term clinical outcomes of percutaneous coronary intervention in vasospastic angina patients associated with significant coronary artery stenosis. International Journal of Cardiology, 2016, 218, 75-78.	1.7	1
29	Basal Left Ventricular Dilatation and Reduced Contraction in Patients With Mitral Valve Prolapse Can Be Secondary to Annular Dilatation. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	25
30	Intracardiac echocardiography for guiding biopsy of cardiac tumors: a novel noninvasive technique. Interventional Cardiology, 2015, 7, 537-542.	0.0	3
31	Infective Endocarditis Involving Apparently Structurally Normal Valves in Patients Without Previously Recognized Predisposing Heart Disease. Journal of the American College of Cardiology, 2015, 65, 307-309.	2.8	13
32	Basal chordae sites on the mitral valve determine the severity of secondary mitral regurgitation. Heart, 2015, 101, 1024-1031.	2.9	8
33	Impaired two-dimensional global longitudinal strain of left ventricle predicts adverse long-term clinical outcomes in patients with acute myocardial infarction. International Journal of Cardiology, 2015, 196, 165-167.	1.7	17
34	Traumatic Tricuspid Regurgitation Cause by Chordal Rupture: A Case Report. Journal of Trauma and Injury, 2015, 28, 67-70.	0.4	0
35	Coronary Artery Fistula Draining into the Left Ventricle. Journal of Cardiovascular Imaging, 2014, 22, 28.	0.8	5
36	Early Surgery Versus Conventional Treatment for Asymptomatic Severe Mitral Regurgitation. Journal of the American College of Cardiology, 2014, 63, 2398-2407.	2.8	80

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37	Prognostic Implications of Initial Echocardiographic Findings in Adolescents and Adults with Supracristal Ventricular Septal Defects. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 965-971.	2.8	7
38	Effect of Rosuvastatin on Coronary Flow Reserve in Patients With Systemic Hypertension. <i>American Journal of Cardiology</i> , 2014, 114, 1234-1237.	1.6	18
39	Aortic Valve Adaptation to Aortic Root Dilatation. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 828-835.	2.6	35
40	Imaging Characteristics of Ischemic Strokes Related to Patent Foramen Ovale. <i>Stroke</i> , 2013, 44, 3350-3356.	2.0	71
41	Aortopathy and bicuspid aortic valve: haemodynamic burden is main contributor to aortic dilatation. <i>Heart</i> , 2012, 98, 1822-1827.	2.9	45
42	Early Surgery versus Conventional Treatment for Infective Endocarditis. <i>New England Journal of Medicine</i> , 2012, 366, 2466-2473.	27.0	703
43	A Case of Carbon Monoxide Poisoning with Thrombus in Right Atrium. <i>Journal of Cardiovascular Imaging</i> , 2012, 20, 205.	0.8	10
44	Influence of Diabetes Mellitus on Long-Term (Five-Year) Outcomes of Drug-Eluting Stents and Coronary Artery Bypass Grafting for Multivessel Coronary Revascularization. <i>American Journal of Cardiology</i> , 2012, 109, 1548-1557.	1.6	22
45	Prevalence of Echocardiographic Features Suggesting Cardiac Sarcoidosis in Patients With Pacemaker or Implantable Cardiac Defibrillator. <i>Korean Circulation Journal</i> , 2011, 41, 313.	1.9	13
46	Changes in Carotid Intima-media Thickness and Left Ventricular Mass by Control of Blood Pressure and Hyperlipidemia in Hypertensive Patients. <i>Journal of the Korean Society of Hypertension</i> , 2011, 17, 177.	0.2	1
47	Percutaneous Versus Surgical Revascularization in Patients With Ischemic Mitral Regurgitation. <i>Circulation</i> , 2011, 124, S156-62.	1.6	30
48	Takotsubo Cardiomyopathy: A Case of Persistent Apical Ballooning Complicated by an Apical Mural Thrombus. <i>Korean Journal of Internal Medicine</i> , 2011, 26, 455.	1.7	16
49	Outcomes of Patients with Stress-Induced Cardiomyopathy Diagnosed by Echocardiography in a Tertiary Referral Hospital. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 766-771.	2.8	92
50	Rapid Development of Diffuse Myocardial Calcification in a Patient after Recovery from Sepsis and Renal Failure: A Case Report. <i>Journal of the Korean Society of Radiology</i> , 0, 83, .	0.2	0