Sang-Chol Lee

List of Publications by Year
in descending order

78	1,206	394421 19	477307 29
papers	citations	h-index	g-index

84	84	84	2082
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prevalence and Risk Factors of Silent Cerebral Infarction in Apparently Normal Adults. Hypertension, 2000, 36, 73-77.	2.7	98
2	Assessment of Myocardial Fibrosis UsingÂMultimodality Imaging in SevereÂAorticÂStenosis. JACC: Cardiovascular Imaging, 2019, 12, 109-119.	5.3	62
3	Coronary Microvascular Dysfunction asÂa Mechanism of Angina in Severe AS. Journal of the American College of Cardiology, 2016, 67, 1412-1422.	2.8	52
4	Differences in apical and non-apical types of hypertrophic cardiomyopathy: a prospective analysis of clinical, echocardiographic, and cardiac magnetic resonance findings and outcome from 350 patients. European Heart Journal Cardiovascular Imaging, 2016, 17, 678-686.	1.2	47
5	Quantification of left ventricular trabeculae using cardiovascular magnetic resonance for the diagnosis of left ventricular non-compaction: evaluation of trabecular volume and refined semi-quantitative criteria. Journal of Cardiovascular Magnetic Resonance, 2016, 18, 24.	3.3	41
6	Prognostic value of myocardial strain and late gadolinium enhancement on cardiovascular magnetic resonance imaging in patients with idiopathic dilated cardiomyopathy with moderate to severely reduced ejection fraction. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 36.	3.3	41
7	A protective role of early collateral blood flow in patients with ST-segment elevation myocardial infarction. American Heart Journal, 2016, 171, 56-63.	2.7	37
8	[18F]Fluorodeoxyglucose PET/CT Predicts Response to Steroid Therapy in Constrictive Pericarditis. Journal of the American College of Cardiology, 2017, 69, 750-752.	2.8	37
9	Combination Therapy of Rosuvastatin and Ezetimibe in Patients with High Cardiovascular Risk. Clinical Therapeutics, 2017, 39, 107-117.	2.5	37
10	Assessment of reverse remodeling predicted by myocardial deformation on tissue tracking in patients with severe aortic stenosis: a cardiovascular magnetic resonance imaging study. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 80.	3.3	35
11	D-Dimer Levels Predict Myocardial Injury in ST-Segment Elevation Myocardial Infarction: A Cardiac Magnetic Resonance Imaging Study. PLoS ONE, 2016, 11, e0160955.	2.5	31
12	Predicting Left Ventricular Dysfunction after Surgery in Patients with Chronic Mitral Regurgitation: Assessment of Myocardial Deformation by 2-Dimensional Multilayer Speckle Tracking Echocardiography. Korean Circulation Journal, 2016, 46, 213.	1.9	29
13	A high loading dose of clopidogrel reduces myocardial infarct size in patients undergoing primary percutaneous coronary intervention: A magnetic resonance imaging study. American Heart Journal, 2012, 163, 500-507.	2.7	26
14	Efficacy and safety of fixed-dose combination therapy with olmesartan medoxomil and rosuvastatin in Korean patients with mild to moderate hypertension and dyslipidemia: an 8-week, multicenter, randomized, double-blind, factorial-design study (OLSTA-D RCT: OLmesartan rosuvaSTAtin from) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	4.3	26
15	Prognostic implications of post-percutaneous coronary intervention neutrophil-to-lymphocyte ratio on infarct size and clinical outcomes in patients with acute myocardial infarction. Scientific Reports, 2019, 9, 9646.	3.3	25
16	Effect of Anti-Inflammatory Drugs on Clinical Outcomes in Patients With Malignant Pericardial Effusion. Journal of the American College of Cardiology, 2020, 76, 1551-1561.	2.8	23
17	Comparison of magnetic resonance imaging findings in non-ST-segment elevation versus ST-segment elevation myocardial infarction patients undergoing early invasive intervention. International Journal of Cardiovascular Imaging, 2012, 28, 1487-1497.	1.5	21
18	Screening for Abdominal Aortic Aneurysm during Transthoracic Echocardiography in Patients with Significant Coronary Artery Disease. Yonsei Medical Journal, 2015, 56, 38.	2.2	21

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19	Discrepancies in Left Ventricular Mass Calculation Based on Echocardiography and Cardiovascular Magnetic Resonance Measurements in Patients with Left Ventricular Hypertrophy. Journal of the American Society of Echocardiography, 2015, 28, 1194-1203.e2.	2.8	21
20	Contractile Reserve Determined on Exercise Echocardiography in Patients With Severe Aortic Regurgitation. Circulation Journal, 2013, 77, 2390-2398.	1.6	20
21	Anticoagulation in Ischemic Left Ventricular Aneurysm. Mayo Clinic Proceedings, 2015, 90, 441-449.	3.0	20
22	The role of 18F-fluorodeoxyglucose-positron emission tomography/computed tomography in the differential diagnosis of pericardial disease. Scientific Reports, 2020, 10, 21524.	3.3	19
23	Cardioprotective Effects of Intracoronary Morphine in STâ€Segment Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention: A Prospective, Randomized Trial. Journal of the American Heart Association, 2017, 6, .	3.7	18
24	Pre-operative anaemia and myocardial injury after noncardiac surgery. European Journal of Anaesthesiology, 2021, 38, 582-590.	1.7	18
25	Prevalence and clinical significance of cardiovascular magnetic resonance adenosine stress-induced myocardial perfusion defect in hypertrophic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 30.	3.3	17
26	Gender Difference in Ventricular Response to Aortic Stenosis: Insight from Cardiovascular Magnetic Resonance. PLoS ONE, 2015, 10, e0121684.	2.5	16
27	Time to peak velocity of aortic flow is useful in predicting severe aortic stenosis. International Journal of Cardiology, 2014, 172, e443-e446.	1.7	15
28	Impact of overweight on myocardial infarct size in patients undergoing primary percutaneous coronary intervention: A magnetic resonance imaging study. Atherosclerosis, 2014, 235, 570-575.	0.8	14
29	Shock Index as a Predictor of Myocardial Injury in ST-segment Elevation Myocardial Infarction. American Journal of the Medical Sciences, 2016, 352, 574-581.	1.1	13
30	Risk factors for poor prognosis in nosocomial infective endocarditis. Korean Journal of Internal Medicine, 2018, 33, 102-112.	1.7	13
31	Postoperative statin treatment may be associated with improved mortality in patients with myocardial injury after noncardiac surgery. Scientific Reports, 2020, 10, 11616.	3.3	12
32	Clinical characteristics and longâ€term outcomes of peripartum takotsubo cardiomyopathy and peripartum cardiomyopathy. ESC Heart Failure, 2020, 7, 3644-3652.	3.1	12
33	Intraoperative blood loss may be associated with myocardial injury after non-cardiac surgery. PLoS ONE, 2021, 16, e0241114.	2.5	12
34	Major Clinical Issues in Hypertrophic Cardiomyopathy. Korean Circulation Journal, 2022, 52, 563.	1.9	12
35	Clinical Significance of Postinfarct Fever in STâ€Segment Elevation Myocardial Infarction: A Cardiac Magnetic Resonance Imaging Study. Journal of the American Heart Association, 2017, 6, .	3.7	11
36	Genotype-Related Clinical Characteristics and Myocardial Fibrosis and Their Association with Prognosis in Hypertrophic Cardiomyopathy. Journal of Clinical Medicine, 2020, 9, 1671.	2.4	11

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37	Improvement of cardiac function by short-term enzyme replacement therapy in a murine model of cardiomyopathy associated with Hunter syndrome evaluated by serial echocardiography with speckle tracking 2-D strain analysis. Molecular Genetics and Metabolism, 2014, 112, 218-223.	1.1	10
38	Association of cardiovascular disease risk factors with left ventricular mass, biventricular function, and the presence of silent myocardial infarction on cardiac MRI in an asymptomatic population. International Journal of Cardiovascular Imaging, 2016, 32, 173-181.	1.5	10
39	Effects of increased left ventricular wall thickness on the myocardium in severe aortic stenosis with normal left ventricular ejection fraction: Twoâ€•and threeâ€dimensional multilayer speckle tracking echocardiography. Echocardiography, 2017, 34, 511-522.	0.9	10
40	The Clinical Impact of Bedside Contrast Echocardiography in Intensive Care Settings: A Korean Multicenter Study. Korean Circulation Journal, 2015, 45, 486.	1.9	9
41	Prehypertension and Left Ventricular Diastolic Dysfunction in Middle-Aged Koreans. Korean Circulation Journal, 2016, 46, 536.	1.9	9
42	Word-of-mouth in medical tourism: the major determinant for Emirati patients to visit Korea. Korean Journal of Internal Medicine, 2018, 33, 221-223.	1.7	9
43	Comparison of long-term clinical outcomes between revascularization versus medical treatment in patients with silent myocardial ischemia. International Journal of Cardiology, 2019, 277, 47-53.	1.7	9
44	Frequency and Clinical Associating Factors of Valvular Heart Disease in Asymptomatic Korean Adults. Scientific Reports, 2019, 9, 16741.	3.3	9
45	Comparison of acute and chronic myocardial injury in noncardiac surgical patients. PLoS ONE, 2020, 15, e0234776.	2.5	9
46	Achievement of LDL-C Targets Defined by ESC/EAS (2011) Guidelines in Risk-Stratified Korean Patients with Dyslipidemia Receiving Lipid-Modifying Treatments. Endocrinology and Metabolism, 2020, 35, 367-376.	3.0	9
47	Comparison of global and regional myocardial strains in patients with heart failure with a preserved ejection fraction vs hypertension vs age-matched control. Cardiovascular Ultrasound, 2020, 18, 44.	1.6	8
48	Atrial Fibrillation in Hypertrophic Cardiomyopathy: Is the Extent of Septal Hypertrophy Important?. PLoS ONE, 2016, 11, e0156410.	2.5	8
49	Clinical Features and Prognosis of Acute Aortic Intramural Hemorrhage Compared with Those of Acute Aortic Dissection. A Single Center Experience.. International Heart Journal, 2001, 42, 91-100.	0.6	7
50	A Case of Spontaneous Native Aortic Valvular Thrombosis that Caused Aortic Stenoinsufficiency in the Bicuspid Aortic Valve. Korean Circulation Journal, 2006, 36, 666.	1.9	7
51	Predictive value of exercise stress echocardiography in asymptomatic patients with severe aortic regurgitation and preserved left ventricular systolic function without LV dilatation. International Journal of Cardiovascular Imaging, 2019, 35, 1241-1247.	1.5	7
52	The Clinical Course of Tuberculous Pericarditis in Immunocompetent Hosts Based on Serial Echocardiography. Korean Circulation Journal, 2020, 50, 599.	1.9	7
53	Impact of Frailty on the Relationship between Blood Pressure and Cardiovascular Diseases and Mortality in Young-Old Adults. Journal of Personalized Medicine, 2022, 12, 418.	2.5	7
54	Relation of N-Terminal Proâ€“B-Type Natriuretic Peptide and Left Ventricular Diastolic Function to Exercise Tolerance in Patients With Significant Valvular Heart Disease and Normal Left Ventricular Systolic Function. American Journal of Cardiology, 2017, 119, 1846-1853.	1.6	6

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55	Prognostic Implications of Diastolic Dysfunction Change in Patients With Coronary Artery Disease Undergoing Percutaneous Coronary Intervention. Circulation Journal, 2019, 83, 1891-1900.	1.6	6
56	Comparison of tissue tracking assessment by cardiovascular magnetic resonance for cardiac amyloidosis and hypertrophic cardiomyopathy. Acta Radiologica, 2020, 61, 885-893.	1.1	6
57	Preoperative N-terminal pro-B type natriuretic peptide level can predict the regression of left ventricular mass after valvular surgery in patients with chronic severe mitral regurgitation: One-year follow-up. International Journal of Cardiology, 2010, 145, 203-208.	1.7	5
58	A Rare Case of Iatrogenic Deep Neck Infection Secondary to Hypopharyngeal Injury Caused by the Transesophageal Echocardiography. Journal of Cardiovascular Imaging, 2015, 23, 181.	0.8	5
59	Concordant and Discordant Cardiac Magnetic Resonance Imaging Delayed Hyperenhancement Patterns in Patients with Ischemic and Non-Ischemic Cardiomyopathy. Korean Circulation Journal, 2016, 46, 41.	1.9	5
60	Identification of Factors that Predict whether the Right Parasternal View Is Required for Accurate Evaluation of Aortic Stenosis Severity. Echocardiography, 2016, 33, 830-837.	0.9	5
61	Additive prognostic values of NT-proBNP and exercise stress echocardiography in asymptomatic patients with degenerative mitral regurgitation and preserved left ventricular ejection fraction. International Journal of Cardiology, 2017, 236, 387-392.	1.7	5
62	Effects of High-dose Atorvastatin Pretreatment in Patients with ST-segment Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention: A Cardiac Magnetic Resonance Study. Journal of Korean Medical Science, 2015, 30, 435.	2.5	4
63	Is cardiac magnetic resonance necessary for prediction of left ventricular remodeling in patients with reperfused ST-segment elevation myocardial infarction?. International Journal of Cardiovascular Imaging, 2017, 33, 2003-2012.	1.5	4
64	Independent and incremental prognostic value of exercise stress echocardiography in low cardiovascular risk female patients with chest pain. Echocardiography, 2017, 34, 69-77.	0.9	4
65	Season and myocardial injury in patients with ST-segment elevation myocardial infarction: A cardiac magnetic resonance imaging study. PLoS ONE, 2019, 14, e0211807.	2.5	4
66	Prognosis of Myocardial Injury After Non-Cardiac Surgery in Adults Aged Younger Than 45 Years. Circulation Journal, 2021, 85, 2081-2088.	1.6	4
67	The Extent of Late Gadolinium Enhancement Can Predict Adverse Cardiac Outcomes in Patients with Non-Ischemic Cardiomyopathy with Reduced Left Ventricular Ejection Fraction: A Prospective Observational Study. Korean Journal of Radiology, 2021, 22, 324.	3.4	4
68	Clinical Significance of Serum Lactate in Acute Myocardial Infarction: A Cardiac Magnetic Resonance Imaging Study. Journal of Clinical Medicine, 2021, 10, 5278.	2.4	4
69	Impact of Contrast Echocardiography on Assessment of Ventricular Function and Clinical Diagnosis in Routine Clinical Echocardiography: Korean Multicenter Study. Journal of Cardiovascular Imaging, 2017, 25, 28.	0.8	3
70	Incidence of coronary artery disease before valvular surgery in isolated severe aortic stenosis. Chinese Medical Journal, 2014, 127, 3963-9.	2.3	3
71	Effects of Decreased Annular Height and Annular Saddle-Shaped Non-Planarity in Degenerative Severe Mitral Regurgitation with Normal Left Ventricular Ejection Fraction: Real-Time 3D Transesophageal Echocardiography. Journal of Cardiovascular Imaging, 2017, 25, 47.	0.8	2
72	Semiautomated Analysis of Aortic Stenosis Parameters on Velocity-Encoded Phase-Contrast MR Images in Patients with Severe Aortic Stenosis: A Comparison with Echocardiography. Cardiovascular Imaging Asia, 2017, 1, 78.	0.1	2

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73	Determinants of Exercise Capacity in Patients With Hypertrophic Cardiomyopathy. Journal of Korean Medical Science, 2022, 37, e62.	2.5	2
74	Association Between Excessive Alcohol Consumption and Echocardiographic Parameters According to the Presence of Flushing Reaction in Korean Men: A Communityâ€Based Study. Alcoholism: Clinical and Experimental Research, 2018, 42, 897-903.	2.4	1
75	Clinical implications of exerciseâ€induced regional wall motion abnormalities in significant aortic regurgitation. Echocardiography, 2020, 37, 1583-1593.	0.9	1
76	Old Age and Myocardial Injury in ST-Segment Elevation Myocardial Infarction. American Journal of the Medical Sciences, 2021, 362, 592-600.	1.1	1
77	What is the real practice of exercise echocardiographic testing in asymptomatic patients with severe aortic stenosis?. Chinese Medical Journal, 2013, 126, 4649-54.	2.3	1
78	Epicardial Fat Thickness and Bone Mineral Content: The Healthy Twin Study in Korea. Journal of Epidemiology, 2018, 28, 253-259.	2.4	0