

Do-Sum Lim

List of Publications by Year in descending order

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87
papers

2,105
citations

361413

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243625

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87
docs citations

87
times ranked

3251
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of Near-Infrared Spectroscopy-Intravascular Ultrasound and Its Applications in Coronary Artery Disease. , 2022, 1, 1.		3
2	Clinical Outcomes in Patients With Delayed Hospitalization for Non-ST-Segment Elevation Myocardial Infarction. Journal of the American College of Cardiology, 2022, 79, 311-323.	2.8	19
3	Clinical Results of Drug-Coated Balloon Treatment in a Large-Scale Multicenter Korean Registry Study. Korean Circulation Journal, 2022, 52, .	1.9	3
4	Platelet Function and Genotype after DES Implantation in East Asian Patients: Rationale and Characteristics of the PTRG-DES Consortium. Yonsei Medical Journal, 2022, 63, 413.	2.2	13
5	Target Low-Density Lipoprotein-Cholesterol and Secondary Prevention for Patients with Acute Myocardial Infarction: A Korean Nationwide Cohort Study. Journal of Clinical Medicine, 2022, 11, 2650.	2.4	2
6	The East Asian Paradox: An Updated Position Statement on the Challenges to the Current Antithrombotic Strategy in Patients with Cardiovascular Disease. Thrombosis and Haemostasis, 2021, 121, 422-432.	3.4	149
7	Differential clinical impact of chronic total occlusion revascularization based on left ventricular systolic function. Clinical Research in Cardiology, 2021, 110, 237-248.	3.3	1
8	Percutaneous Left Atrial Appendage Occlusion Yields Favorable Neurological Outcomes in Patients with Non-Valvular Atrial Fibrillation. Korean Circulation Journal, 2021, 51, 626.	1.9	6
9	Successful Long-term Patency of a Complicated Coronary Aneurysm at a Prior Coronary Branch Stent Treated with a Stent Graft and Dedicated Bifurcation Stent. Korean Circulation Journal, 2021, 51, 551.	1.9	0
10	Impact of genetic variants on major bleeding after percutaneous coronary intervention based on a prospective multicenter registry. Scientific Reports, 2021, 11, 1790.	3.3	0
11	Impact of genetic variants on clinical outcome after percutaneous coronary intervention in elderly patients. Aging, 2021, 13, 6506-6524.	3.1	1
12	Serum milk fat globule-EGF factor 8 protein as a potential biomarker for metabolic syndrome. Clinical and Molecular Hepatology, 2021, 27, 463-473.	8.9	2
13	Effects of deferred versus immediate stenting on left ventricular function in patients with ST elevation myocardial infarction. Medicine (United States), 2021, 100, e26598.	1.0	1
14	Differential Factors for Predicting Outcomes in Left Main versus Non-Left Main Coronary Bifurcation Stenting. Journal of Clinical Medicine, 2021, 10, 3024.	2.4	4
15	1-Month Dual-Antiplatelet Therapy Followed by Aspirin Monotherapy After Polymer-Free Drug-Coated Stent Implantation. JACC: Cardiovascular Interventions, 2021, 14, 1801-1811.	2.9	47
16	Transplantation of 3D bio-printed cardiac mesh improves cardiac function and vessel formation via ANGPT1/Tie2 pathway in rats with acute myocardial infarction. Biofabrication, 2021, 13, 045014.	7.1	12
17	Longitudinal Change in Myocardial Function and Clinical Parameters in Middle-Aged Subjects: A 3-Year Follow-up Study. Diabetes and Metabolism Journal, 2021, 45, 719-729.	4.7	2
18	LEFTY-PITX2 signaling pathway is critical for generation of mature and ventricular cardiac organoids in human pluripotent stem cell-derived cardiac mesoderm cells. Biomaterials, 2021, 278, 121133.	11.4	8

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19	Modeling Hypoxic Stress In Vitro Using Human Embryonic Stem Cells Derived Cardiomyocytes Matured by FGF4 and Ascorbic Acid Treatment. <i>Cells</i> , 2021, 10, 2741.	4.1	4
20	Efficacy and Safety of Dual-Drug-Eluting Stents for de Novo Coronary Lesions in South Koreaâ€”The Effect Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 69.	2.4	2
21	Modulating cardiomyocyte and fibroblast interaction using layer-by-layer deposition facilitates synchronisation of cardiac macro tissues. <i>Soft Matter</i> , 2020, 16, 428-434.	2.7	12
22	Identification of plaque ruptures using a novel discriminative model comprising biomarkers in patients with acute coronary syndrome. <i>Scientific Reports</i> , 2020, 10, 20228.	3.3	10
23	Randomized Comparison of Everolimus- and Zotarolimus-Eluting Coronary Stents With Biolimus-Eluting Stents in All-Coroner Patients. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008525.	3.9	4
24	Transmural difference in myocardial damage assessed by layer-specific strain analysis in patients with ST elevation myocardial infarction. <i>Scientific Reports</i> , 2020, 10, 11104.	3.3	2
25	Multidimensional assembly using layer-by-layer deposition for synchronized cardiac macro tissues. <i>RSC Advances</i> , 2020, 10, 18806-18815.	3.6	2
26	A comparison between drug-eluting stent implantation and drug-coated balloon angioplasty in patients with left main bifurcation in-stent restenotic lesions. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 83.	1.7	6
27	Cardioprotective effects of genetically engineered cardiac stem cells by spheroid formation on ischemic cardiomyocytes. <i>Molecular Medicine</i> , 2020, 26, 15.	4.4	8
28	Thymosin Î²4-Enhancing Therapeutic Efficacy of Human Adipose-Derived Stem Cells in Mouse Ischemic Hindlimb Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2166.	4.1	6
29	Inverse association of improved adherence to dietary guidelines with metabolic syndrome: the Seoul Metabolic Syndrome Management program. <i>Nutrition Research and Practice</i> , 2020, 14, 621.	1.9	1
30	Comparing the Procedural and Clinical Outcomes of Sapien XT and Sapien 3 Valves in Transcatheter Aortic Valve Replacement in Korean Patients. <i>Korean Circulation Journal</i> , 2020, 50, 907.	1.9	3
31	In-hospital outcome differences between transradial and transfemoral coronary approaches: Data from the Korean percutaneous coronary intervention registry. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 378-384.	1.7	4
32	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.	1.7	7
33	Effects of genetic variants on platelet reactivity and one-year clinical outcomes after percutaneous coronary intervention: A prospective multicentre registry study. <i>Scientific Reports</i> , 2018, 8, 1229.	3.3	26
34	Manipulation of the response of human endothelial colony-forming cells by focal adhesion assembly using gradient nanopattern plates. <i>Acta Biomaterialia</i> , 2018, 65, 272-282.	8.3	12
35	Clinical outcomes of patients with coronary artery aneurysm after the first generation drug-eluting stent implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, E235-E245.	1.7	18
36	Investigating potential mediator between statin and coronary artery calcification. <i>PLoS ONE</i> , 2018, 13, e0203702.	2.5	9

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37	Fabrication of Gradient Nanopattern by Thermal Nanoimprinting Technique and Screening of the Response of Human Endothelial Colony-forming Cells. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1
38	Impact of hyperuricemia on clinical outcomes after percutaneous coronary intervention for in-stent restenosis. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 114.	1.7	5
39	Association between epicardial adipose tissue, high-sensitivity C-reactive protein and myocardial dysfunction in middle-aged men with suspected metabolic syndrome. <i>Cardiovascular Diabetology</i> , 2018, 17, 95.	6.8	42
40	Nanopillar Surface Topology Promotes Cardiomyocyte Differentiation through Cofilin-Mediated Cytoskeleton Rearrangement. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16803-16812.	8.0	23
41	The Relationship between Pulse Wave Velocity and Coronary Artery Stenosis and Percutaneous Coronary Intervention: a retrospective observational study. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 45.	1.7	7
42	Transplantation of Adipose-Derived Stem Cell Sheet Attenuates Adverse Cardiac Remodeling in Acute Myocardial Infarction. <i>Tissue Engineering - Part A</i> , 2017, 23, 1-11.	3.1	30
43	Visceral Fat Area and Serum Adiponectin Level Predict the Development of Metabolic Syndrome in a Community-Based Asymptomatic Population. <i>PLoS ONE</i> , 2017, 12, e0169289.	2.5	43
44	Effects of angiotensin receptor blockers on neointimal characteristics in angina patients requiring stent implantation: optical coherence tomography analysis. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 278.	1.7	3
45	The Seoul Metropolitan Lifestyle Intervention Program and Metabolic Syndrome Risk: A Retrospective Database Study. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 667.	2.6	12
46	Cardiac Stem Cell Secretome Protects Cardiomyocytes from Hypoxic Injury Partly via Monocyte Chemotactic Protein-1-Dependent Mechanism. <i>International Journal of Molecular Sciences</i> , 2016, 17, 800.	4.1	21
47	Transplantation of Immortalized CD34+ and CD34- Adipose-Derived Stem Cells Improve Cardiac Function and Mitigate Systemic Pro-Inflammatory Responses. <i>PLoS ONE</i> , 2016, 11, e0147853.	2.5	22
48	Intramyocardial Adipose-Derived Stem Cell Transplantation Increases Pericardial Fat with Recovery of Myocardial Function after Acute Myocardial Infarction. <i>PLoS ONE</i> , 2016, 11, e0158067.	2.5	8
49	INNOVATION Study (Impact of Immediate Stent Implantation Versus Deferred Stent Implantation on) Tj ETQq1 1 0.784314 rgBT /Ove	3.9	32
50	Intrinsic FGF2 and FGF5 promotes angiogenesis of human aortic endothelial cells in 3D microfluidic angiogenesis system. <i>Scientific Reports</i> , 2016, 6, 28832.	3.3	45
51	Impact of low high-density lipoprotein-cholesterol level on 2-year clinical outcomes after acute myocardial infarction in patients with diabetes mellitus. <i>Lipids in Health and Disease</i> , 2016, 15, 197.	3.0	5
52	Comparison of 2-year mortality according to obesity in stabilized patients with type 2 diabetes mellitus after acute myocardial infarction: results from the DIAMOND prospective cohort registry. <i>Cardiovascular Diabetology</i> , 2015, 14, 141.	6.8	19
53	Cyclosporin A Induces Cardiac Differentiation but Inhibits Hemato-Endothelial Differentiation of P19 Cells. <i>PLoS ONE</i> , 2015, 10, e0117410.	2.5	5
54	Sphere formation of adipose stem cell engineered by poly-2-hydroxyethyl methacrylate induces in vitro angiogenesis through fibroblast growth factor 2. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 372-379.	2.1	16

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55	Human endothelial colony forming cells from adult peripheral blood have enhanced sprouting angiogenic potential through up-regulating VEGFR2 signaling. <i>International Journal of Cardiology</i> , 2015, 197, 33-43.	1.7	32
56	Randomized Trial of Stents Versus Bypass Surgery for Left Main Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2198-2206.	2.8	308
57	Mixl1 and Flk1 Are Key Players of Wnt/TGF- β 2 Signaling During DMSO-Induced Mesodermal Specification in P19 cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 1807-1821.	4.1	16
58	Continuous immunosensing of myoglobin in human serum as potential companion diagnostics technique. <i>Biosensors and Bioelectronics</i> , 2014, 62, 234-241.	10.1	26
59	Smooth muscle progenitor cells from peripheral blood promote the neovascularization of endothelial colony-forming cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 405-411.	2.1	17
60	ROCK suppression promotes differentiation and expansion of endothelial cells from embryonic stem cell-derived Flk1+ mesodermal precursor cells. <i>Blood</i> , 2012, 120, 2733-2744.	1.4	49
61	Nanog regulates molecules involved in stemness and cell cycle signaling pathway for maintenance of pluripotency of P19 embryonal carcinoma stem cells. <i>Journal of Cellular Physiology</i> , 2012, 227, 3678-3692.	4.1	45
62	Staged Complete Revascularization in ST-Segment Elevation Myocardial Infarction Should Be the Treatment of Choice Compared to Primary Complete Revascularization. <i>Korean Circulation Journal</i> , 2011, 41, 703.	1.9	0
63	Randomized Trial of Stents versus Bypass Surgery for Left Main Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2011, 364, 1718-1727.	27.0	571
64	Comparison of three-year clinical outcomes between sirolimus versus paclitaxel eluting stents in diabetic patients: Prospective randomized multicenter trial. <i>Catheterization and Cardiovascular Interventions</i> , 2010, 76, 924-933.	1.7	14
65	Specific monitoring of cardiomyogenic and endothelial differentiation by dual promoter-driven reporter systems in bone marrow mesenchymal stem cells. <i>Biotechnology Letters</i> , 2008, 30, 835-843.	2.2	10
66	P19 Embryonal carcinoma cells: a new model for the study of endothelial cell differentiation. <i>Biotechnology Letters</i> , 2008, 30, 1169-1175.	2.2	10
67	A Case of Consecutive Right and Left Ventricular Dysfunction. <i>Journal of Cardiovascular Imaging</i> , 2008, 16, 123.	0.8	0
68	Percutaneous coronary intervention with drug-eluting stent implantation vs. minimally invasive direct coronary artery bypass (MIDCAB) in patients with left anterior descending coronary artery stenosis. <i>Catheterization and Cardiovascular Interventions</i> , 2005, 64, 75-81.	1.7	80
69	Transdifferentiation of mesenchymal stem cells into cardiomyocytes by direct cell-to-cell contact with neonatal cardiomyocyte but not adult cardiomyocytes. <i>Annals of Hematology</i> , 2005, 84, 715-721.	1.8	46
70	Chest stab wound-related coronary artery pseudoaneurysm sealed with a polytetrafluoroethylene-covered stent. <i>Heart and Vessels</i> , 2005, 20, 233-235.	1.2	5
71	Relation between Pulse Wave Velocity, Left Ventricular Diastolic Function, and Circadian Variation of Blood Pressure in Patients with Never Treated Essential Hypertension. <i>Sunhwan'gi</i> , 2004, 34, 1099.	0.3	1
72	An Appraisal of the Electrocardiographic Criteria for Diagnosis of Left Ventricular Hypertrophy in Koreans: Comparison to Echocardiographic Measurement of Left Ventricular Mass. <i>Sunhwan'gi</i> , 2004, 34, 775.	0.3	4

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73	5-azacytidine induces cardiac differentiation of P19 embryonic stem cells. <i>Experimental and Molecular Medicine</i> , 2004, 36, 515-523.	7.7	97
74	Vessel Size and Long-Term Clinical and Angiographic Outcome after Primary Stenting in Acute Myocardial Infarction. <i>Sunhwan'gi</i> , 2002, 32, 233.	0.3	1
75	A Case of Congenital Left Ventricular Aneurysm in an Elderly Woman. <i>Journal of the Korean Society of Echocardiography</i> , 2002, 10, 79.	0.0	0
76	Vascular Remodeling by a Guidewire Insertion in the Normal Rabbit Iliac Artery. <i>Sunhwan'gi</i> , 2001, 31, 930.	0.3	0
77	Electrophysiologic Characteristics in the Process of Conversion from Atrial Fibrillation to Atrial Flutter. <i>Sunhwan'gi</i> , 2000, 30, 72.	0.3	1
78	Electrophysiologic Properties of the Atrium in Patients with Chronic and Paroxysmal Atrial Fibrillation. <i>Sunhwan'gi</i> , 2000, 30, 448.	0.3	2
79	Chronic Chlamydia pneumoniae Infection as a Risk Factor for Acute Myocardial Infarction in Korea. <i>Sunhwan'gi</i> , 2000, 30, 407.	0.3	2
80	Assessment of coronary flow reserve with transthoracic Doppler echocardiography: comparison with intracoronary Doppler method. <i>Journal of Korean Medical Science</i> , 2000, 15, 139.	2.5	11
81	Relations Among Coronary Flow Reserve, Left Ventricular Mass and Diastolic Function in Patients with Chest Pain and Normal Coronary Angiograms. <i>Sunhwan'gi</i> , 2000, 30, 287.	0.3	2
82	Electrical Remodeling in Human Atrial Fibrillation Influences Post-Cardioversion Atrial Mechanical Dysfunction and Early Relapse. <i>Sunhwan'gi</i> , 1999, 29, 788.	0.3	5
83	Optimal Balloon Inflation Pressures for Stent Deployment: High Pressure is Always Good?. <i>Sunhwan'gi</i> , 1998, 28, 1272.	0.3	1
84	Changes of Mitral Inflow According to Position in Patients with Dilated Cardiomyopathy. <i>Journal of the Korean Society of Echocardiography</i> , 1998, 6, 5.	0.0	1
85	Associations of Intima-Media Thickness of Common Carotid Artery, Coronary Artery Atherosclerosis and Atherosclerotic Risk Factors. <i>Journal of the Korean Society of Echocardiography</i> , 1996, 4, 130.	0.0	0
86	Relation Between Residual Stenosis of Infarct-related Artery and Left Ventricular Dilatation After Acute Myocardial Infarction. <i>Journal of the Korean Society of Echocardiography</i> , 1995, 3, 1.	0.0	0
87	Comparison Study of Myocardial contrast Echocardiography and Tc99m MIBI SPECT in Assessing Myocardial Perfusion. <i>Journal of the Korean Society of Echocardiography</i> , 1995, 3, 130.	0.0	0