

# Byoung-Kwon Lee

## List of Publications by Citations

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154  
papers

1,955  
citations

24  
h-index

37  
g-index

168  
ext. papers

2,781  
ext. citations

4.1  
avg, IF

4.54  
L-index

#	Paper	IF	Citations
154	Effects of Statins on Coronary Atherosclerotic Plaques: The PARADIGM Study. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 1475-1484	8.4	177
153	Association between triglyceride glucose index and arterial stiffness in Korean adults. <i>Cardiovascular Diabetology</i> , <b>2018</b> , 17, 41	8.7	99
152	Elevated TyG Index Predicts Progression of Coronary Artery Calcification. <i>Diabetes Care</i> , <b>2019</b> , 42, 1569-1573	8.7	81
151	Clinical Feasibility of 3D Automated Coronary Atherosclerotic Plaque Quantification Algorithm on Coronary Computed Tomography Angiography: Comparison with Intravascular Ultrasound. <i>European Radiology</i> , <b>2015</b> , 25, 3073-83	8	63
150	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
149	Local increase in microparticles from the aspirate of culprit coronary arteries in patients with ST-segment elevation myocardial infarction. <i>Atherosclerosis</i> , <b>2013</b> , 227, 323-8	3.1	50
148	Rationale and design of the Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography IMaging (PARADIGM) registry: A comprehensive exploration of plaque progression and its impact on clinical outcomes from a multicenter serial coronary computed tomographic angiography study. <i>American Heart Journal</i> , <b>2016</b> , 182, 72-79	4.9	49
147	Quantification of Coronary Atherosclerosis in the Assessment of Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , <b>2018</b> , 11, e007562	3.9	44
146	Coexpression of cyclooxygenase-2 and matrix metalloproteinases in human aortic atherosclerotic lesions. <i>Yonsei Medical Journal</i> , <b>2000</b> , 41, 82-8	3	43
145	Relationship of insulin resistance estimated by triglyceride glucose index to arterial stiffness. <i>Lipids in Health and Disease</i> , <b>2018</b> , 17, 268	4.4	40
144	Computational fluid dynamics in cardiovascular disease. <i>Korean Circulation Journal</i> , <b>2011</b> , 41, 423-30	2.2	38
143	Natural History of Diabetic Coronary Atherosclerosis by Quantitative Measurement of Serial Coronary Computed Tomographic Angiography: Results of the PARADIGM Study. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 1461-1471	8.4	38
142	The 24-Month Prognosis of Patients With Positive or Intermediate Results in the Intracoronary Ergonovine Provocation Test. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 914-23	5	35
141	Clinical features of familial hypercholesterolemia in Korea: Predictors of pathogenic mutations and coronary artery disease - A study supported by the Korean Society of Lipidology and Atherosclerosis. <i>Atherosclerosis</i> , <b>2015</b> , 243, 53-8	3.1	33
140	Impact of metabolic syndrome and its individual components on the presence and severity of angiographic coronary artery disease. <i>Yonsei Medical Journal</i> , <b>2010</b> , 51, 676-82	3	32
139	Pathobiological role of advanced glycation endproducts via mitogen-activated protein kinase dependent pathway in the diabetic vasculopathy. <i>Experimental and Molecular Medicine</i> , <b>2008</b> , 40, 398-406	12.8	32
138	Differences in Progression to Obstructive Lesions per High-Risk Plaque Features and Plaque Volumes With CCTA. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 1409-1417	8.4	31

137	Current Helicobacter pylori infection is significantly associated with subclinical coronary atherosclerosis in healthy subjects: A cross-sectional study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193646	3.7	30
136	Differential association between the progression of coronary artery calcium score and coronary plaque volume progression according to statins: the Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging (PARADIGM) study. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2019</b> , 20, 1307-1314	4.1	29
135	Left atrial strain assessed by speckle tracking imaging is related to new-onset atrial fibrillation after coronary artery bypass grafting. <i>Canadian Journal of Cardiology</i> , <b>2013</b> , 29, 377-83	3.8	29
134	Microcirculatory dysfunction in cardiac syndrome X: role of abnormal blood rheology. <i>Microcirculation</i> , <b>2008</b> , 15, 451-9	2.9	29
133	Quantitative T2 mapping for detecting myocardial edema after reperfusion of myocardial infarction: validation and comparison with T2-weighted images. <i>International Journal of Cardiovascular Imaging</i> , <b>2013</b> , 29 Suppl 1, 65-72	2.5	27
132	Potential role of HMG CoA reductase inhibitor on oxidative stress induced by advanced glycation endproducts in vascular smooth muscle cells of diabetic vasculopathy. <i>Experimental and Molecular Medicine</i> , <b>2009</b> , 41, 802-11	12.8	27
131	Safety of six-month dual antiplatelet therapy after second-generation drug-eluting stent implantation: OPTIMA-C Randomised Clinical Trial and OCT Substudy. <i>EuroIntervention</i> , <b>2018</b> , 13, 1923-1930	3.1	27
130	Prediction of systemic biomarkers from retinal photographs: development and validation of deep-learning algorithms. <i>The Lancet Digital Health</i> , <b>2020</b> , 2, e526-e536	14.4	24
129	Machine Learning Framework to Identify Individuals at Risk of Rapid Progression of Coronary Atherosclerosis: From the PARADIGM Registry. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e013958	6.6	23
128	Combination Therapy of Rosuvastatin and Ezetimibe in Patients with High Cardiovascular Risk. <i>Clinical Therapeutics</i> , <b>2017</b> , 39, 107-117	3.5	21
127	Relationship between multiple plasma biomarkers and vulnerable plaque determined by virtual histology intravascular ultrasound. <i>Circulation Journal</i> , <b>2010</b> , 74, 332-6	2.9	21
126	Preventive effect of pretreatment with intravenous nicorandil on contrast-induced nephropathy in patients with renal dysfunction undergoing coronary angiography (PRINCIPLE Study). <i>Yonsei Medical Journal</i> , <b>2013</b> , 54, 957-64	3	20
125	Deep-learning-based cardiovascular risk stratification using coronary artery calcium scores predicted from retinal photographs. <i>The Lancet Digital Health</i> , <b>2021</b> , 3, e306-e316	14.4	20
124	Usefulness of metabolic syndrome score in the prediction of angiographic coronary artery disease severity according to the presence of diabetes mellitus: relation with inflammatory markers and adipokines. <i>Cardiovascular Diabetology</i> , <b>2013</b> , 12, 140	8.7	18
123	Serial changes of minimal stent malapposition not detected by intravascular ultrasound: follow-up optical coherence tomography study. <i>Clinical Research in Cardiology</i> , <b>2010</b> , 99, 639-44	6.1	18
122	Red blood cell aggregation quantitated via Myrenne aggregometer and yield shear stress. <i>Biorheology</i> , <b>2007</b> , 44, 29-35	1.7	18
121	Longitudinal assessment of coronary plaque volume change related to glycemic status using serial coronary computed tomography angiography: A PARADIGM (Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography Imaging) substudy. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2019</b> , 13, 142-147	2.8	17
120	Optimal boundary detection method and window settings for coronary atherosclerotic plaque volume analysis in coronary computed tomography angiography: comparison with intravascular ultrasound. <i>European Radiology</i> , <b>2016</b> , 26, 3190-8	8	16

119	The relationship of insulin resistance estimated by triglyceride glucose index and coronary plaque characteristics. <i>Medicine (United States)</i> , <b>2018</b> , 97, e10726	1.8	16
118	Correction with blood T1 is essential when measuring post-contrast myocardial T1 value in patients with acute myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2013</b> , 15, 11	6.9	16
117	Prognostic significance of elevated lipoprotein(a) in coronary artery revascularization patients. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 1990-4	3.2	16
116	Disaggregating shear stress: the roles of cell deformability and fibrinogen concentration. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 55, 231-40	2.5	16
115	Genetic testing of Korean familial hypercholesterolemia using whole-exome sequencing. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126706	3.7	15
114	Consistency of quantitative analysis of coronary computed tomography angiography. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2019</b> , 13, 48-54	2.8	15
113	Association of Statin Treatment With Progression of Coronary Atherosclerotic Plaque Composition. <i>JAMA Cardiology</i> , <b>2021</b> , 6, 1257-1266	16.2	15
112	Left atrial function assessed by Doppler echocardiography rather than left atrial volume predicts recurrence in patients with paroxysmal atrial fibrillation. <i>Clinical Cardiology</i> , <b>2013</b> , 36, 235-40	3.3	14
111	The Relationship Between Coronary Calcification and the Natural History of Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 233-242	8.4	14
110	The role of critical shear stress on acute coronary syndrome. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 55, 101-9	2.5	13
109	Quantitative assessment of coronary plaque volume change related to triglyceride glucose index: The Progression of Atherosclerotic Plaque Determined by Computed Tomographic Angiography IMaging (PARADIGM) registry. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 113	8.7	13
108	Electrocardiography based prediction of hypertrophy pattern and fibrosis amount in hypertrophic cardiomyopathy: comparative study with cardiac magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , <b>2018</b> , 34, 1619-1628	2.5	12
107	Recent advances in microfluidic platelet function assays: Moving microfluidics into clinical applications. <i>Clinical Hemorheology and Microcirculation</i> , <b>2019</b> , 71, 249-266	2.5	12
106	Automatic segmentation of multiple cardiovascular structures from cardiac computed tomography angiography images using deep learning. <i>PLoS ONE</i> , <b>2020</b> , 15, e0232573	3.7	11
105	Percent atheroma volume: Optimal variable to report whole-heart atherosclerotic plaque burden with coronary CTA, the PARADIGM study. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2020</b> , 14, 400-406	2.8	10
104	Efficacy and Safety of Fixed-dose Combination Therapy With Telmisartan and Rosuvastatin in Korean Patients With Hypertension and Dyslipidemia: TELSTA-YU (TELMisartan-rosuvaSTatin from YUhan), a Multicenter, Randomized, 4-arm, Double-blind, Placebo-controlled, Phase III Study. <i>Clinical Therapeutics</i> , <b>2018</b> , 40, 676-691.e1	3.5	10
103	Different contribution of extent of myocardial injury to left ventricular systolic and diastolic function in early reperfused acute myocardial infarction. <i>Cardiovascular Ultrasound</i> , <b>2014</b> , 12, 6	2.4	10
102	Lipoprotein-associated phospholipase A1s related to plaque stability and is a potential biomarker for acute coronary syndrome. <i>Yonsei Medical Journal</i> , <b>2014</b> , 55, 1507-15	3	10

101	Effects of combination therapy with cilostazol and probucol versus monotherapy with cilostazol on coronary plaque, lipid and biomarkers: SECURE study, a double-blind randomized controlled clinical trial. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2014</b> , 21, 816-30	4	10
100	Home blood pressure is the predictor of subclinical target organ damage like ambulatory blood pressure monitoring in untreated hypertensive patients. <i>Anatolian Journal of Cardiology</i> , <b>2014</b> , 14, 711-8		10
99	Association of Cardiovascular Disease Risk Factor Burden With Progression of Coronary Atherosclerosis Assessed by Serial Coronary Computed Tomographic Angiography. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2011444	10.4	10
98	Carotid Artery End-Diastolic Velocity and Future Cerebro-Cardiovascular Events in Asymptomatic High Risk Patients. <i>Korean Circulation Journal</i> , <b>2016</b> , 46, 72-8	2.2	10
97	Evaluation of polygenic cause in Korean patients with familial hypercholesterolemia - A study supported by Korean Society of Lipidology and Atherosclerosis. <i>Atherosclerosis</i> , <b>2015</b> , 242, 8-12	3.1	9
96	Alteration of red blood cell aggregation during blood storage <b>2011</b> , 23, 67-70		9
95	Study design and rationale of "Synergistic effect of combination therapy with cilostazol and ProbUcol on plaque stabilization and lesion REgression (SECURE)" study: a double-blind randomised controlled multicenter clinical trial. <i>Trials</i> , <b>2011</b> , 12, 10	2.8	9
94	Effects of increasing particle size of low-density lipoprotein on restenosis after coronary stent implantation. <i>Circulation Journal</i> , <b>2008</b> , 72, 1059-64	2.9	9
93	Computed numerical analysis of the biomechanical effects on coronary atherogenesis using human hemodynamic and dimensional variables. <i>Yonsei Medical Journal</i> , <b>1998</b> , 39, 166-74	3	9
92	Diagnostic accuracy of low-radiation coronary computed tomography angiography with low tube voltage and knowledge-based model reconstruction. <i>Scientific Reports</i> , <b>2019</b> , 9, 1308	4.9	9
91	Neointimal coverage on drug-eluting stent struts crossing side-branch vessels using optical coherence tomography. <i>American Journal of Cardiology</i> , <b>2010</b> , 105, 1565-9	3	8
90	Sex Differences in Compositional Plaque Volume Progression in Patients With Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 2386-2396	8.4	8
89	Impact of Non-obstructive left main disease on the progression of coronary artery disease: A PARADIGM substudy. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2018</b> , 12, 231-237	2.8	8
88	Target achievement with maximal statin-based lipid-lowering therapy in Korean patients with familial hypercholesterolemia: A study supported by the Korean Society of Lipid and Atherosclerosis. <i>Clinical Cardiology</i> , <b>2017</b> , 40, 1291-1296	3.3	7
87	Elevated Lipoprotein(a) has Incremental Prognostic Value in Type 2 Diabetic Patients with Symptomatic Coronary Artery Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2015</b> , 22, 527-34	4	7
86	Blood characteristics effect on pulse wave velocity. <i>Clinical Hemorheology and Microcirculation</i> , <b>2013</b> , 55, 193-203	2.5	7
85	Five-year outcomes of sirolimus-eluting versus paclitaxel-eluting stents: a propensity matched study: clinical evidence of late catch-up?. <i>International Journal of Cardiology</i> , <b>2011</b> , 152, 302-6	3.2	7
84	Circulating Microparticles and Coronary Plaque Components Assessed by Virtual Histology Intravascular Ultrasound of the Target Lesion in Patients with Stable Angina. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148128	3.7	7

83	Influence of shear stress on erythrocyte aggregation. <i>Clinical Hemorheology and Microcirculation</i> , <b>2016</b> , 62, 165-71	2.5	7
82	Diverse geometric changes related to dynamic left ventricular outflow tract obstruction without overt hypertrophic cardiomyopathy. <i>Cardiovascular Ultrasound</i> , <b>2014</b> , 12, 23	2.4	6
81	Atherogenic index of plasma and the risk of rapid progression of coronary atherosclerosis beyond traditional risk factors. <i>Atherosclerosis</i> , <b>2021</b> , 324, 46-51	3.1	6
80	Left Ventricular Filling Pressure as Assessed by the E/e' Ratio Is a Determinant of Atrial Fibrillation Recurrence after Cardioversion. <i>Yonsei Medical Journal</i> , <b>2016</b> , 57, 64-71	3	6
79	Impact of multi-vessel vasospastic angina on cardiovascular outcome. <i>Atherosclerosis</i> , <b>2019</b> , 281, 107-113.	3.1	5
78	Longitudinal quantitative assessment of coronary plaque progression related to body mass index using serial coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2019</b> , 20, 591-599	4.1	5
77	Differential contributions of sarcomere and mitochondria-related multigene variants to the endophenotype of hypertrophic cardiomyopathy. <i>Mitochondrion</i> , <b>2020</b> , 53, 48-56	4.9	5
76	Patterns of Antiplatelet Therapy During Noncardiac Surgery in Patients With Second-Generation Drug-Eluting Stents. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e016218	6	5
75	Association between non-alcoholic fatty liver disease and coronary calcification depending on sex and obesity. <i>Scientific Reports</i> , <b>2020</b> , 10, 1025	4.9	5
74	Genetic relevance and determinants of mitral leaflet size in hypertrophic cardiomyopathy. <i>Cardiovascular Ultrasound</i> , <b>2019</b> , 17, 21	2.4	5
73	Relation of Preprocedural Hemoglobin Level to Outcomes After Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , <b>2019</b> , 124, 1319-1326	3	5
72	Spontaneous coronary artery dissection mimicking coronary spasm diagnosed by intravascular ultrasonography. <i>Korean Circulation Journal</i> , <b>2013</b> , 43, 491-6	2.2	5
71	Phase IV, 8-week, multicenter, randomized, active treatment-controlled, parallel group, efficacy, and tolerability study of high-dose candesartan cilexetil combined with hydrochlorothiazide in Korean adults with stage II hypertension. <i>Clinical Therapeutics</i> , <b>2011</b> , 33, 1043-56	3.5	5
70	Investigation of critical shear stress with simultaneous measurement of electrical impedance, capacitance and light backscattering. <i>Clinical Hemorheology and Microcirculation</i> , <b>2012</b> , 51, 203-12	2.5	5
69	Clopidogrel plus Aspirin Use is Associated with Worse Long-Term Outcomes, but Aspirin Use Alone is Safe in Patients with Vasospastic Angina: Results from the VA-Korea Registry, A Prospective Multi-Center Cohort. <i>Scientific Reports</i> , <b>2019</b> , 9, 17783	4.9	5
68	The association between the apolipoprotein B/A-I ratio and coronary calcification may differ depending on kidney function in a healthy population. <i>PLoS ONE</i> , <b>2017</b> , 12, e0185522	3.7	4
67	Yield shear stress and disaggregating shear stress of human blood <b>2014</b> , 26, 191-198		4
66	Arterial stiffness, sex, and age difference on hypertensive response to supine bicycle exercise. <i>Journal of Clinical Hypertension</i> , <b>2017</b> , 19, 1260-1268	2.3	4



65	Effect of clinical and RBC hemorheological parameters on myocardial perfusion in patients with type 2 diabetes mellitus. <i>Biorheology</i> , <b>2014</b> , 51, 215-26	1.7	4
64	Predictors of stent fracture in patients treated with closed-cell design stents: sirolimus-eluting stent and its bare-metal counterpart, the BX velocity stent. <i>Coronary Artery Disease</i> , <b>2011</b> , 22, 40-4	1.4	4
63	Efficacy of fractional flow reserve measurements at side branch vessels treated with the crush stenting technique in true coronary bifurcation lesions. <i>Clinical Cardiology</i> , <b>2010</b> , 33, 490-4	3.3	4
62	Hemodynamic analysis of coronary circulation in angulated coronary stenosis following stenting. <i>Yonsei Medical Journal</i> , <b>2002</b> , 43, 590-600	3	4
61	Relative fat mass at baseline and its early change may be a predictor of incident nonalcoholic fatty liver disease. <i>Scientific Reports</i> , <b>2020</b> , 10, 17491	4.9	4
60	Prognostic Value of Elevated Homocysteine Levels in Korean Patients with Coronary Artery Disease: A Propensity Score Matched Analysis. <i>Korean Circulation Journal</i> , <b>2016</b> , 46, 154-60	2.2	4
59	Effect of shear-induced platelet activation on red blood cell aggregation. <i>Clinical Hemorheology and Microcirculation</i> , <b>2017</b> , 66, 97-104	2.5	3
58	Association between circadian preference and blood lipid levels using a 1:1:1 propensity score matching analysis. <i>Journal of Clinical Lipidology</i> , <b>2019</b> , 13, 645-653.e2	4.9	3
57	Feasibility of Selective Catheter-Directed Coronary Computed Tomography Angiography Using Ultralow-Dose Intracoronary Contrast Injection in a Swine Model. <i>Investigative Radiology</i> , <b>2015</b> , 50, 449-55 <sup>10.1</sup>		3
56	Echo-Doppler-derived indexes of ventricular stiffness and ventriculo-arterial interaction as predictors of new-onset atrial fibrillation in patients with heart failure. <i>Cardiovascular Ultrasound</i> , <b>2016</b> , 14, 7	2.4	3
55	Hemorheological and Glycemic Parameters and HDL Cholesterol for the Prediction of Cardiovascular Events. <i>Arquivos Brasileiros De Cardiologia</i> , <b>2016</b> , 106, 56-61	1.2	3
54	Multidetector computed tomography for the evaluation of coronary artery disease; the diagnostic accuracy in calcified coronary arteries, comparing with IVUS imaging. <i>Yonsei Medical Journal</i> , <b>2014</b> , 55, 599-605	3	3
53	Relation of plaque size to compositions as determined by an in vivo volumetric intravascular ultrasound radiofrequency analysis. <i>International Journal of Cardiovascular Imaging</i> , <b>2010</b> , 26, 165-71	2.5	3
52	Significance of hemodynamic effects on the generation of atherosclerosis. <i>Journal of Mechanical Science and Technology</i> , <b>2005</b> , 19, 836-845	1.6	3
51	Apolipoprotein E polymorphism in non-diabetic patients with acute coronary syndrome. <i>Yonsei Medical Journal</i> , <b>1999</b> , 40, 377-82	3	3
50	Prevalence of and Risk Factors for Diseases in Korean Americans and Native Koreans Undergoing Health Checkup. <i>Korean Journal of Family Medicine</i> , <b>2019</b> , 40, 388-394	1.7	3
49	Comparative differences in the atherosclerotic disease burden between the epicardial coronary arteries: quantitative plaque analysis on coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2021</b> , 22, 322-330	4.1	3
48	GENetic characteristics and REsponse to lipid-lowering therapy in familial hypercholesterolemia: GENRE-FH study. <i>Scientific Reports</i> , <b>2020</b> , 10, 19336	4.9	3

47	Coronary calcification is associated with elevated serum lipoprotein (a) levels in asymptomatic men over the age of 45 years: A cross-sectional study of the Korean national health checkup data. <i>Medicine (United States)</i> , <b>2021</b> , 100, e24962	1.8	3
46	Effects of chronic kidney disease and declining renal function on coronary atherosclerotic plaque progression: a PARADIGM substudy. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2021</b> , 22, 1072-1082 <sup>4-1</sup>	4.1	3
45	Effect of sarcomere and mitochondria-related mutations on myocardial fibrosis in patients with hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 18	6.9	3
44	Comparison of dual antiplatelet therapy prescribed as one-pill versus two-pill regimen. A pooled analysis of individual patient data from the three MR-CAPCIS trials. <i>Thrombosis and Haemostasis</i> , <b>2016</b> , 116, 78-86	7	3
43	Progression of whole-heart Atherosclerosis by coronary CT and major adverse cardiovascular events. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2021</b> , 15, 322-330	2.8	3
42	Association between Aortic Valve Calcification Progression and Coronary Atherosclerotic Plaque Volume Progression in the PARADIGM Registry. <i>Radiology</i> , <b>2021</b> , 300, 79-86	20.5	3
41	Topological Data Analysis of Coronary Plaques Demonstrates the Natural History of Coronary Atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 1410-1421	8.4	3
40	Acute Fulminant Myocarditis Recovered from Electro-Mechanical Dissociation in Scrub Typhus. <i>The Ewha Medical Journal</i> , <b>2016</b> , 39, 1	0.1	2
39	Performance comparison of platelet function analyzers in cardiology patients: VerifyNow and Anysis-200 aspirin assays. <i>Clinical Hemorheology and Microcirculation</i> , <b>2020</b> , 76, 33-42	2.5	2
38	Associates and Prognosis of Giant Left Atrium; Single Center Experience. <i>Journal of Cardiovascular Imaging</i> , <b>2017</b> , 25, 84-90	0	2
37	Neointimal response to second-generation drug-eluting stents in diabetic patients with de-novo coronary lesions: intravascular ultrasound study. <i>Coronary Artery Disease</i> , <b>2015</b> , 26, 212-9	1.4	2
36	Clinical significance of serum TSH in euthyroid patients with paroxysmal atrial fibrillation. <i>Yonsei Medical Journal</i> , <b>1995</b> , 36, 448-56	3	2
35	Outcomes and Associated Factors of Discrepant Coronary and Carotid Atherosclerosis. <i>International Heart Journal</i> , <b>2020</b> , 61, 1142-1149	1.8	2
34	Preventive Effect of Pretreatment with Pitavastatin on Contrast-Induced Nephropathy in Patients with Renal Dysfunction Undergoing Coronary Procedure: PRINCIPLE-II Randomized Clinical Trial. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
33	Burden of premature ventricular contractions beyond nonsustained ventricular tachycardia is related to the myocardial extracellular space expansion in patients with hypertrophic-cardiomyopathy. <i>Clinical Cardiology</i> , <b>2020</b> , 43, 1317-1325	3.3	2
32	Impact of PRECISE-DAPT and DAPT Scores on Dual Antiplatelet Therapy Duration After 2nd Generation Drug-Eluting Stent Implantation. <i>Cardiovascular Drugs and Therapy</i> , <b>2021</b> , 35, 343-352	3.9	2
31	Impact of age on coronary artery plaque progression and clinical outcome: A PARADIGM substudy. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2021</b> , 15, 232-239	2.8	2
30	Contribution of sarcomere gene mutations to left atrial function in patients with hypertrophic cardiomyopathy. <i>Cardiovascular Ultrasound</i> , <b>2021</b> , 19, 4	2.4	2



29	Assessment of myocardial viability based on dual-energy computed tomography in patients with chronic myocardial infarction: comparison with magnetic resonance imaging. <i>Clinical Imaging</i> , <b>2017</b> , 46, 8-13	2.7	1
28	Quantitative T2 mapping after reperfusion therapy in patients with acute myocardial infarction: A comparison with late gadolinium enhancement and cine MR imaging. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 1246-1252	3.3	1
27	Left ventricular hypercontractility immediately after tilting triggers a disregulated cardioinhibitory reaction in vasovagal syncope: echocardiographic evaluation during the head-up tilt test. <i>Cardiology</i> , <b>2010</b> , 117, 118-23	1.6	1
26	Sex-based Approach for the Clinical Impact of the Increased Hemoglobin on Incident AF in the General Population. <i>Korean Circulation Journal</i> , <b>2020</b> , 50, 1095-1110	2.2	1
25	Sex-based approach for the clinical impact of polycythaemia on cardiovascular outcomes in the general population. <i>European Journal of Preventive Cardiology</i> , <b>2020</b> ,	3.9	1
24	Successful Percutaneous Transcatheter Retrieval of a Migrated Implantable Venous Port in a Patient Who Presented with Intermittent Palpitation. <i>Korean Journal of Medicine</i> , <b>2013</b> , 85, 194	0.5	1
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