

Hyuck Moon Kwon

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

105
papers

1,965
citations

23
h-index

41
g-index

113
ext. papers

2,264
ext. citations

4.2
avg, IF

3.79
L-index

#	Paper	IF	Citations
105	Potential role of leptin in angiogenesis: leptin induces endothelial cell proliferation and expression of matrix metalloproteinases in vivo and in vitro. <i>Experimental and Molecular Medicine</i> , 2001 , 33, 95-102	12.8	319
104	Trial of everolimus-eluting stents or bypass surgery for coronary disease. <i>New England Journal of Medicine</i> , 2015 , 372, 1204-12	59.2	287
103	Elective endovascular treatment of descending thoracic aortic aneurysms and chronic dissections with stent-grafts. <i>Journal of Vascular and Interventional Radiology</i> , 2001 , 12, 575-82	2.4	71
102	Upstream regulation of matrix metalloproteinase by EMMPRIN; extracellular matrix metalloproteinase inducer in advanced atherosclerotic plaque. <i>Atherosclerosis</i> , 2005 , 180, 37-44	3.1	66
101	Delayed strut fracture of sirolimus-eluting stent: a significant problem or an occasional observation?. <i>International Journal of Cardiology</i> , 2006 , 106, 404-6	3.2	59
100	Expression of leptin receptor (Ob-R) in human atherosclerotic lesions: potential role in intimal neovascularization. <i>Yonsei Medical Journal</i> , 2000 , 41, 68-75	3	51
99	Local increase in microparticles from the aspirate of culprit coronary arteries in patients with ST-segment elevation myocardial infarction. <i>Atherosclerosis</i> , 2013 , 227, 323-8	3.1	50
98	Coexpression of cyclooxygenase-2 and matrix metalloproteinases in human aortic atherosclerotic lesions. <i>Yonsei Medical Journal</i> , 2000 , 41, 82-8	3	43
97	Influence of adiponectin gene polymorphisms on adiponectin level and insulin resistance index in response to dietary intervention in overweight-obese patients with impaired fasting glucose or newly diagnosed type 2 diabetes. <i>Diabetes Care</i> , 2009 , 32, 552-8	14.6	38
96	The 24-Month Prognosis of Patients With Positive or Intermediate Results in the Intracoronary Ergonovine Provocation Test. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 914-23	5	35
95	Usefulness of brachial-ankle pulse wave velocity as a predictive marker of multiple coronary artery occlusive disease in Korean type 2 diabetes patients. <i>Diabetes Research and Clinical Practice</i> , 2009 , 85, 30-4	7.4	34
94	Lipoprotein(a) and LDL particle size are related to the severity of coronary artery disease. <i>Cardiology</i> , 2007 , 108, 282-9	1.6	34
93	Enhancement of MSC adhesion and therapeutic efficiency in ischemic heart using lentivirus delivery with periostin. <i>Biomaterials</i> , 2012 , 33, 1376-85	15.6	32
92	Impact of metabolic syndrome and its individual components on the presence and severity of angiographic coronary artery disease. <i>Yonsei Medical Journal</i> , 2010 , 51, 676-82	3	32
91	Pathobiological role of advanced glycation endproducts via mitogen-activated protein kinase dependent pathway in the diabetic vasculopathy. <i>Experimental and Molecular Medicine</i> , 2008 , 40, 398-406	12.8	32
90	Surgical outcomes and risk factors for postoperative complications in patients with Behcet's disease. <i>Clinical Rheumatology</i> , 2007 , 26, 1475-80	3.9	31
89	Significance of small dense low-density lipoprotein as a risk factor for coronary artery disease and acute coronary syndrome. <i>Yonsei Medical Journal</i> , 2006 , 47, 405-14	3	29

88	Sirolimus- versus paclitaxel-eluting stent implantation for unprotected left main coronary artery stenosis. <i>Cardiology</i> , 2005 , 104, 181-5	1.6	28
87	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> , 2013 , 29 Suppl 1, 65-72	2.5	27
86	Diverse left ventricular morphology and predictors of short-term outcome in patients with stress-induced cardiomyopathy. <i>International Journal of Cardiology</i> , 2013 , 168, 331-7	3.2	27
85	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> , 2009 , 41, 802-11	12.8	27
84	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> , 2018 , 13, 1923-1930	3.1	27
83	Two-phase reconstruction for the assessment of left ventricular volume and function using retrospective ECG-gated MDCT: comparison with echocardiography. <i>American Journal of Roentgenology</i> , 2005 , 185, 319-25	5.4	24
82	Expression of osteopontin in calcified coronary atherosclerotic plaques. <i>Journal of Korean Medical Science</i> , 2000 , 15, 485-93	4.7	22
81	Serum levels of advanced glycation end products are associated with in-stent restenosis in diabetic patients. <i>Yonsei Medical Journal</i> , 2005 , 46, 78-85	3	21
80	Association of G-33A polymorphism in the thrombomodulin gene with myocardial infarction in Koreans. <i>Hypertension Research</i> , 2002 , 25, 389-94	4.7	21
79	Comparison of sirolimus-eluting stent and paclitaxel-eluting stent for long-term cardiac adverse events in diabetic patients: the Korean Multicenter Angioplasty Team (KOMATE) Registry. <i>Catheterization and Cardiovascular Interventions</i> , 2008 , 72, 601-7	2.7	20
78	Phospholipase C-delta1 rescues intracellular Ca ²⁺ overload in ischemic heart and hypoxic neonatal cardiomyocytes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004 , 91, 131-8	5.1	20
77	Percutaneous transmyocardial revascularization induces angiogenesis: a histologic and 3-dimensional micro computed tomography study. <i>Journal of Korean Medical Science</i> , 1999 , 14, 502-10	4.7	20
76	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> , 2013 , 12, 140	8.7	18
75	Acute myocardial infarction caused by coronary artery dissection following blunt chest trauma. <i>Yonsei Medical Journal</i> , 2003 , 44, 736-9	3	18
74	Multicenter randomized trial of 3-month cilostazol use in addition to dual antiplatelet therapy after biolimus-eluting stent implantation for long or multivessel coronary artery disease. <i>American Heart Journal</i> , 2014 , 167, 241-248.e1	4.9	16
73	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> , 2013 , 15, 11	6.9	16
72	Prognostic significance of elevated lipoprotein(a) in coronary artery revascularization patients. <i>International Journal of Cardiology</i> , 2013 , 167, 1990-4	3.2	16
71	G(alpha)12/13 induction of CYR61 in association with arteriosclerotic intimal hyperplasia: effect of sphingosine-1-phosphate. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 861-9	9.4	16

70	Outcomes of cardiac involvement in patients with late-stage Duchenne muscular dystrophy under management in the pulmonary rehabilitation center of a tertiary referral hospital. <i>Cardiology</i> , 2012 , 121, 186-93	1.6	14
69	Association of soluble receptor for advanced glycation end-product with increasing central aortic stiffness in hypertensive patients. <i>Coronary Artery Disease</i> , 2012 , 23, 85-90	1.4	14
68	Significant association of coronary stent fracture with in-stent restenosis in sirolimus-eluting stents. <i>Coronary Artery Disease</i> , 2009 , 20, 59-63	1.4	14
67	Serologic and histopathologic study of Chlamydia pneumoniae infection in atherosclerosis: a possible pathogenetic mechanism of atherosclerosis induced by Chlamydia pneumoniae. <i>Yonsei Medical Journal</i> , 2000 , 41, 319-27	3	14
66	Hemodynamic effects on atherosclerosis-prone coronary artery: wall shear stress/rate distribution and impedance phase angle in coronary and aortic circulation. <i>Yonsei Medical Journal</i> , 2001 , 42, 375-83	3	13
65	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> , 2018 , 34, 1619-1628	2.5	12
64	Predictors and Long-Term Clinical Outcome of Longitudinal Stent Deformation: Insights From Pooled Analysis of Korean Multicenter Drug-Eluting Stent Cohort. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	11
63	Experimental hypercholesterolemia induces ultrastructural changes in the elastic laminae of rabbit aortic valve. <i>Yonsei Medical Journal</i> , 1998 , 39, 345-54	3	11
62	Different contribution of extent of myocardial injury to left ventricular systolic and diastolic function in early reperfused acute myocardial infarction. <i>Cardiovascular Ultrasound</i> , 2014 , 12, 6	2.4	10
61	Lipoprotein-associated phospholipase A ₂ s related to plaque stability and is a potential biomarker for acute coronary syndrome. <i>Yonsei Medical Journal</i> , 2014 , 55, 1507-15	3	10
60	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> , 2014 , 14, 711-8		10
59	Carotid Artery End-Diastolic Velocity and Future Cerebro-Cardiovascular Events in Asymptomatic High Risk Patients. <i>Korean Circulation Journal</i> , 2016 , 46, 72-8	2.2	10
58	Effects of increasing particle size of low-density lipoprotein on restenosis after coronary stent implantation. <i>Circulation Journal</i> , 2008 , 72, 1059-64	2.9	9
57	Computed numerical analysis of the biomechanical effects on coronary atherogenesis using human hemodynamic and dimensional variables. <i>Yonsei Medical Journal</i> , 1998 , 39, 166-74	3	9
56	Diagnostic accuracy of low-radiation coronary computed tomography angiography with low tube voltage and knowledge-based model reconstruction. <i>Scientific Reports</i> , 2019 , 9, 1308	4.9	9
55	Clinical outcome according to spasm type of single coronary artery provoked by intracoronary ergonovine tests in patients without significant organic stenosis. <i>International Journal of Cardiology</i> , 2018 , 252, 6-12	3.2	8
54	Elevated Lipoprotein(a) has Incremental Prognostic Value in Type 2 Diabetic Patients with Symptomatic Coronary Artery Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015 , 22, 527-34	4	7
53	Post-traumatic myocardial infarction complicated with left ventricular aneurysm and pericardial effusion. <i>Journal of Trauma</i> , 2007 , 63, E73-5		7

52	Antiproliferative mechanisms of raxofelast (IRFI-016) in H ₂ O ₂ -stimulated rat aortic smooth muscle cells. <i>European Journal of Pharmacology</i> , 2004 , 484, 119-25	5.3	7
51	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> , 2016 , 11, e0148128	3.7	7
50	Diverse geometric changes related to dynamic left ventricular outflow tract obstruction without overt hypertrophic cardiomyopathy. <i>Cardiovascular Ultrasound</i> , 2014 , 12, 23	2.4	6
49	A case of noncompaction of the ventricular myocardium combined with situs ambiguous with polysplenia. <i>Yonsei Medical Journal</i> , 2007 , 48, 1052-5	3	6
48	Left Ventricular Filling Pressure as Assessed by the E/e _r Ratio Is a Determinant of Atrial Fibrillation Recurrence after Cardioversion. <i>Yonsei Medical Journal</i> , 2016 , 57, 64-71	3	6
47	Ticagrelor Monotherapy Versus Ticagrelor With Aspirin in Patients With ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 431-440	5	6
46	Impact of multi-vessel vasospastic angina on cardiovascular outcome. <i>Atherosclerosis</i> , 2019 , 281, 107-113	3.1	5
45	Differential contributions of sarcomere and mitochondria-related multigene variants to the endophenotype of hypertrophic cardiomyopathy. <i>Mitochondrion</i> , 2020 , 53, 48-56	4.9	5
44	Genetic relevance and determinants of mitral leaflet size in hypertrophic cardiomyopathy. <i>Cardiovascular Ultrasound</i> , 2019 , 17, 21	2.4	5
43	Evaluation of reperfused myocardial infarction by low-dose multidetector computed tomography using prospective electrocardiography (ECG)-triggering: comparison with magnetic resonance imaging. <i>Yonsei Medical Journal</i> , 2010 , 51, 683-91	3	5
42	A case of acute ventricular capture threshold rise associated with flecainide acetate. <i>Yonsei Medical Journal</i> , 2006 , 47, 152-4	3	5
41	Clinical Outcomes Following Sirolimus-Eluting Stent Implantation in Patients with End-Stage Renal Disease -Korean Multicenter Angioplasty Team (KOMATE) Registry-. <i>Korean Circulation Journal</i> , 2006 , 36, 424	2.2	5
40	Age-related contribution of Lp(a) with coronary artery calcification in patients with acute coronary syndrome: a potential role of metabolic disorder in calcified plaque. <i>Yonsei Medical Journal</i> , 2003 , 44, 445-53	3	5
39	Percutaneous Coronary Intervention Is More Beneficial Than Optimal Medical Therapy in Elderly Patients with Angina Pectoris. <i>Yonsei Medical Journal</i> , 2016 , 57, 382-7	3	5
38	Arterial stiffness, sex, and age difference on hypertensive response to supine bicycle exercise. <i>Journal of Clinical Hypertension</i> , 2017 , 19, 1260-1268	2.3	4
37	Effect of clinical and RBC hemorheological parameters on myocardial perfusion in patients with type 2 diabetes mellitus. <i>Biorheology</i> , 2014 , 51, 215-26	1.7	4
36	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> , 2011 , 22, 40-4	1.4	4
35	Ultrastructural changes of the external elastic lamina in experimental hypercholesterolemic porcine coronary arteries. <i>Yonsei Medical Journal</i> , 1999 , 40, 273-82	3	4

34	Long-term outcomes after renal denervation in an Asian population: results from the Global SYMPLICITY Registry in South Korea (GSR Korea). <i>Hypertension Research</i> , 2021 , 44, 1099-1104	4.7	4
33	Prognostic Value of Elevated Homocysteine Levels in Korean Patients with Coronary Artery Disease: A Propensity Score Matched Analysis. <i>Korean Circulation Journal</i> , 2016 , 46, 154-60	2.2	4
32	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> , 2016 , 14, 7	2.4	3
31	Hemorheological and Glycemic Parameters and HDL Cholesterol for the Prediction of Cardiovascular Events. <i>Arquivos Brasileiros De Cardiologia</i> , 2016 , 106, 56-61	1.2	3
30	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> , 2014 , 55, 599-605	3	3
29	Apolipoprotein E polymorphism in non-diabetic patients with acute coronary syndrome. <i>Yonsei Medical Journal</i> , 1999 , 40, 377-82	3	3
28	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> , 2021 , 100, e24962	1.8	3
27	Effect of sarcomere and mitochondria-related mutations on myocardial fibrosis in patients with hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 18	6.9	3
26	Associates and Prognosis of Giant Left Atrium; Single Center Experience. <i>Journal of Cardiovascular Imaging</i> , 2017 , 25, 84-90	0	2
25	Neointimal response to second-generation drug-eluting stents in diabetic patients with de-novo coronary lesions: intravascular ultrasound study. <i>Coronary Artery Disease</i> , 2015 , 26, 212-9	1.4	2
24	Multidetector-row computed tomography of a Valsalva sinus aneurysm in a patient with Behçet disease. <i>Journal of Thoracic Imaging</i> , 2006 , 21, 300-2	5.6	2
23	Clinical significance of serum TSH in euthyroid patients with paroxysmal atrial fibrillation. <i>Yonsei Medical Journal</i> , 1995 , 36, 448-56	3	2
22	Outcomes and Associated Factors of Discrepant Coronary and Carotid Atherosclerosis. <i>International Heart Journal</i> , 2020 , 61, 1142-1149	1.8	2
21	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> , 2020 , 9,	5.1	2
20	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> , 2020 , 43, 1317-1325	3.3	2
19	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> , 2021 , 35, 343-352	3.9	2
18	Contribution of sarcomere gene mutations to left atrial function in patients with hypertrophic cardiomyopathy. <i>Cardiovascular Ultrasound</i> , 2021 , 19, 4	2.4	2
17	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> , 2015 , 33, 1246-1252	3.3	1

16	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> , 2010 , 117, 118-23	1.6	1
15	Aspirin Has a Neutral Effect in Preventing Future Cardiovascular Events in Vasospastic Angina. <i>Cardiovascular Prevention and Pharmacotherapy</i> , 2019 , 1, 30	0.2	1
14	Successful Percutaneous Transcatheter Retrieval of a Migrated Implantable Venous Port in a Patient Who Presented with Intermittent Palpitation. <i>Korean Journal of Medicine</i> , 2013 , 85, 194	0.5	1
13	Influences of Geometric Configurations of Bypass Grafts on Hemodynamics in End-to-Side Anastomosis. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2011 , 44, 89-98	0.6	1
12	Efficacy and Safety of Guideline-Recommended Risk Score-Directed Dual Antiplatelet Therapy After 2nd-Generation Drug-Eluting Stents. <i>Circulation Journal</i> , 2020 , 84, 161-168	2.9	1
11	Frequent Premature Atrial Contractions as a Poor Prognostic Factor in Cryptogenic Stroke Patients with Concomitant Non-Sustained Atrial Tachycardia. <i>Yonsei Medical Journal</i> , 2020 , 61, 965-969	3	0
10	Three-Dimensional Echocardiographic Evaluation of Mitral Apparatus during Preload Manipulation in Patients with Hypertrophic Cardiomyopathy. <i>Echocardiography</i> , 2015 , 32, 1261-9	1.5	
9	Nine-month angiographic and intravascular ultrasound outcomes after resolute zotarolimus-eluting stent implantation for the treatment of in-stent restenosis. <i>Journal of Interventional Cardiology</i> , 2013 , 26, 543-9	1.8	
8	Effect of Angiotensin II on Gene Expression of cGMP-Specific Phosphodiesterases. <i>Sunhwanngi</i> , 2003 , 33, 130		
7	The Effects of Plasma Fibrinogen and beta Fibrinogen Gene Polymorphisms on the Development of Coronary Artery Disease. <i>Sunhwanngi</i> , 2000 , 30, 947		
6	Impact of aortic atheroma and distensibility on diastolic function and prognosis in patients with ischemic stroke.. <i>Reviews in Cardiovascular Medicine</i> , 2022 , 23, 10	3.9	
5	Comparison of risk profiles for new-onset atrial fibrillation between patients aged . <i>PLoS ONE</i> , 2021 , 16, e0258770	3.7	
4	Effect of Adiponectin and Resistin on Coronary Plaque Composition and Coronary Artery Remodeling of Target Lesion in Patients with Stable Angina. <i>Journal of Lipid and Atherosclerosis</i> , 2012 , 1, 69	3	
3	Effect of Renal and Left Ventricular Function on Serial Pulmonary Arterial Pressure Changes after Device Closure of Atrial Septal Defect. <i>Journal of Interventional Cardiology</i> , 2021 , 2021, 8846656	1.8	
2	Comparison of efficacy and safety between two different irbesartan, generic vs branded, in the treatment of Korean patients with mild-to-moderate hypertension: an 8-week, multicenter, randomized, open-label, Phase IV clinical study. <i>Drug Design, Development and Therapy</i> , 2018 , 12, 4217-4229	4.4	
1	Effect of a fixed-dose combination of Telmisartan/S-amlodipine on circadian blood pressure compared with Telmisartan monotherapy: TENUVA-BP study.. <i>Clinical Hypertension</i> , 2022 , 28, 7	4.8	