

Juyong Brian Kim

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.

34
papers

848
citations

15
h-index

29
g-index

43
ext. papers

1,202
ext. citations

7.9
avg, IF

3.63
L-index

#	Paper	IF	Citations
34	Atheroprotective roles of smooth muscle cell phenotypic modulation and the TCF21 disease gene as revealed by single-cell analysis. <i>Nature Medicine</i> , 2019 , 25, 1280-1289	50.5	198
33	The effect of transvenous pacemaker and implantable cardioverter defibrillator lead placement on tricuspid valve function: an observational study. <i>Journal of the American Society of Echocardiography</i> , 2008 , 21, 284-7	5.8	113
32	Cyclooxygenase-2 inhibits novel ginseng metabolite-mediated apoptosis. <i>Cancer Research</i> , 2005 , 65, 1952-60	10.1	85
31	Coronary Artery Disease Associated Transcription Factor TCF21 Regulates Smooth Muscle Precursor Cells That Contribute to the Fibrous Cap. <i>PLoS Genetics</i> , 2015 , 11, e1005155	6	61
30	TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells. <i>PLoS Genetics</i> , 2017 , 13, e1006750	6	40
29	Characterization of TCF21 Downstream Target Regions Identifies a Transcriptional Network Linking Multiple Independent Coronary Artery Disease Loci. <i>PLoS Genetics</i> , 2015 , 11, e1005202	6	36
28	Effect of 9p21.3 coronary artery disease locus neighboring genes on atherosclerosis in mice. <i>Circulation</i> , 2012 , 126, 1896-906	16.7	35
27	PM2.5 concentration in the ambient air is a risk factor for the development of high-risk coronary plaques. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1355-1364	4.1	34
26	Paraoxonase-2 modulates stress response of endothelial cells to oxidized phospholipids and a bacterial quorum-sensing molecule. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2624-33	9.4	28
25	Heart failure is associated with impaired anti-inflammatory and antioxidant properties of high-density lipoproteins. <i>American Journal of Cardiology</i> , 2013 , 112, 1770-7	3	27
24	Coronary Disease-Associated Gene Inhibits Smooth Muscle Cell Differentiation by Blocking the Myocardin-Serum Response Factor Pathway. <i>Circulation Research</i> , 2020 , 126, 517-529	15.7	27
23	Coronary artery disease genes SMAD3 and TCF21 promote opposing interactive genetic programs that regulate smooth muscle cell differentiation and disease risk. <i>PLoS Genetics</i> , 2018 , 14, e1007681	6	27
22	TCF21 and AP-1 interact through epigenetic modifications to regulate coronary artery disease gene expression. <i>Genome Medicine</i> , 2019 , 11, 23	14.4	26
21	Cumulative Lifetime Burden of Cardiovascular Disease From Early Exposure to Air Pollution. <i>Journal of the American Heart Association</i> , 2020 , 9, e014944	6	21
20	Environment-Sensing Aryl Hydrocarbon Receptor Inhibits the Chondrogenic Fate of Modulated Smooth Muscle Cells in Atherosclerotic Lesions. <i>Circulation</i> , 2020 , 142, 575-590	16.7	21
19	GDF-15 (Growth Differentiation Factor 15) Is Associated With Lack of Ventricular Recovery and Mortality After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	12
18	Anti-inflammatory strategies for plaque stabilization after acute coronary syndromes. <i>Current Atherosclerosis Reports</i> , 2013 , 15, 327	6	9

17	Molecular mechanisms of coronary disease revealed using quantitative trait loci for TCF21 binding, chromatin accessibility, and chromosomal looping. <i>Genome Biology</i> , 2020 , 21, 135	18.3	7
16	Immune biomarkers link air pollution exposure to blood pressure in adolescents. <i>Environmental Health</i> , 2020 , 19, 108	6	6
15	Cytokines profile of reverse cardiac remodeling following transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2018 , 270, 83-88	3.2	6
14	Quantifying the Influence of Wedge Pressure, Age, and Heart Rate on the Systolic Thresholds for Detection of Pulmonary Hypertension. <i>Journal of the American Heart Association</i> , 2020 , 9, e016265	6	4
13	Racial Differences in the Incidence and Impact of Prosthesis-Patient Mismatch After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2021 ,	5	4
12	Continuous flow left ventricular assist device placement complicated by aortic valve thrombus and myocardial infarction. <i>International Journal of Cardiology</i> , 2014 , 176, e102-3	3.2	3
11	Incremental Value of Aortomitral Continuity Calcification for Risk Assessment after Transcatheter Aortic Valve Replacement. <i>Radiology: Cardiothoracic Imaging</i> , 2019 , 1, e190067	8.3	3
10	ZEB2 Shapes the Epigenetic Landscape of Atherosclerosis.. <i>Circulation</i> , 2022 ,	16.7	2
9	CTA pulmonary artery enlargement in patients with severe aortic stenosis: Prognostic impact after TAVR. <i>Journal of Cardiovascular Computed Tomography</i> , 2021 , 15, 431-440	2.8	2
8	Presence of plaques predicts worse outcomes in multi-detector computed tomography in patients with stable chest pain syndrome. <i>International Journal of Cardiology</i> , 2014 , 173, 570-2	3.2	1
7	The environment-sensing aryl-hydrocarbon receptor inhibits the chondrogenic fate of modulated smooth muscle cells in atherosclerotic lesions		1
6	Left Ventricular Hypertrophy and Biomarkers of Cardiac Damage and Stress in Aortic Stenosis.. <i>Journal of the American Heart Association</i> , 2022 , e023466	6	1
5	Smad3 regulates smooth muscle cell fate and mediates adverse remodeling and calcification of the atherosclerotic plaque 2022 , 1, 322-333		1
4	Distance between valvular leaflet and coronary ostium predicting risk of coronary obstruction during TAVR.. <i>IJC Heart and Vasculature</i> , 2021 , 37, 100917	2.4	0
3	Expanding transcatheter aortic valve replacement into uncharted indications. <i>Korean Journal of Internal Medicine</i> , 2018 , 33, 474-482	2.5	0
2	Spontaneous Coronary Artery Dissection and ST-Segment Elevation Myocardial Infarction in an Anomalous LAD Artery. <i>JACC: Case Reports</i> , 2020 , 2, 45-50	1.2	
1	Moving Beyond Linear Formulas for Left Ventricular Mass in Aortic Valve Replacement. <i>Structural Heart</i> , 2017 , 1, 298-299	0.6	