

# Yong Hwan 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.

30  
papers

1,503  
citations

20  
h-index

31  
g-index

31  
ext. papers

1,787  
ext. citations

7.2  
avg, IF

4.11  
L-index

#	Paper	IF	Citations
30	Real-time imaging of de novo arteriovenous malformation in a mouse model of hereditary hemorrhagic telangiectasia. <i>Journal of Clinical Investigation</i> , <b>2009</b> , 119, 3487-96	15.9	194
29	ALK5- and TGFBR2-independent role of ALK1 in the pathogenesis of hereditary hemorrhagic telangiectasia type 2. <i>Blood</i> , <b>2008</b> , 111, 633-42	2.2	187
28	A mouse model for hereditary hemorrhagic telangiectasia (HHT) type 2. <i>Human Molecular Genetics</i> , <b>2003</b> , 12, 473-82	5.6	149
27	Arteriovenous malformation in the adult mouse brain resembling the human disease. <i>Annals of Neurology</i> , <b>2011</b> , 69, 954-62	9.4	89
26	Bone morphogenetic protein-9 inhibits lymphatic vessel formation via activin receptor-like kinase 1 during development and cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 18940-5	11.5	77
25	VEGF neutralization can prevent and normalize arteriovenous malformations in an animal model for hereditary hemorrhagic telangiectasia 2. <i>Angiogenesis</i> , <b>2014</b> , 17, 823-830	10.6	76
24	Mouse models of hereditary hemorrhagic telangiectasia: recent advances and future challenges. <i>Frontiers in Genetics</i> , <b>2015</b> , 6, 25	4.5	71
23	Endothelial depletion of Acvrl1 in mice leads to arteriovenous malformations associated with reduced endoglin expression. <i>PLoS ONE</i> , <b>2014</b> , 9, e98646	3.7	71
22	Increasing brain angiotensin converting enzyme 2 activity decreases anxiety-like behavior in male mice by activating central Mas receptors. <i>Neuropharmacology</i> , <b>2016</b> , 105, 114-123	5.5	66
21	Common and distinctive pathogenetic features of arteriovenous malformations in hereditary hemorrhagic telangiectasia 1 and hereditary hemorrhagic telangiectasia 2 animal models--brief report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2014</b> , 34, 2232-6	9.4	64
20	Minimal homozygous endothelial deletion of Eng with VEGF stimulation is sufficient to cause cerebrovascular dysplasia in the adult mouse. <i>Cerebrovascular Diseases</i> , <b>2012</b> , 33, 540-7	3.2	63
19	Reduced mural cell coverage and impaired vessel integrity after angiogenic stimulation in the Alk1-deficient brain. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 305-10	9.4	61
18	Effect of Topical Intranasal Therapy on Epistaxis Frequency in Patients With Hereditary Hemorrhagic Telangiectasia: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 316, 943-51	27.4	54
17	Neuropilin 1 balances $\beta$ integrin-activated TGF $\beta$ signaling to control sprouting angiogenesis in the brain. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 4363-73	6.6	51
16	Generation of mice with a conditional and reporter allele for Tmem100. <i>Genesis</i> , <b>2010</b> , 48, 673-8	1.9	31
15	Effects of Long-Term Exercise on Age-Related Hearing Loss in Mice. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 11308-11319	6.6	30
14	Persistent infiltration and pro-inflammatory differentiation of monocytes cause unresolved inflammation in brain arteriovenous malformation. <i>Angiogenesis</i> , <b>2016</b> , 19, 451-461	10.6	26

13	SMAD4 Deficiency Leads to Development of Arteriovenous Malformations in Neonatal and Adult Mice. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7, e009514	6	23
12	Correcting Smad1/5/8, mTOR, and VEGFR2 treats pathology in hereditary hemorrhagic telangiectasia models. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 942-957	15.9	21
11	BMP9/ALK1 inhibits neovascularization in mouse models of age-related macular degeneration. <i>Oncotarget</i> , <b>2016</b> , 7, 55957-55969	3.3	20
10	Recent Advances in Basic Research for Brain Arteriovenous Malformation. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	18
9	CXCL12-CXCR4 signalling plays an essential role in proper patterning of aortic arch and pulmonary arteries. <i>Cardiovascular Research</i> , <b>2017</b> , 113, 1677-1687	9.9	17
8	Conditional knockout of activin like kinase-1 (ALK-1) leads to heart failure without maladaptive remodeling. <i>Heart and Vessels</i> , <b>2017</b> , 32, 628-636	2.1	14
7	TMEM100 is a key factor for specification of lymphatic endothelial progenitors. <i>Angiogenesis</i> , <b>2020</b> , 23, 339-355	10.6	12
6	Overexpression of Activin Receptor-Like Kinase 1 in Endothelial Cells Suppresses Development of Arteriovenous Malformations in Mouse Models of Hereditary Hemorrhagic Telangiectasia. <i>Circulation Research</i> , <b>2020</b> , 127, 1122-1137	15.7	11
5	PIERCE1 is critical for specification of left-right asymmetry in mice. <i>Scientific Reports</i> , <b>2016</b> , 6, 27932	4.9	7
4	Novel experimental model of brain arteriovenous malformations using conditional Alk1 gene deletion in transgenic mice. <i>Journal of Neurosurgery</i> , <b>2021</b> , 1-12	3.2	0
3	Genetics and Emerging Therapies for Brain Arteriovenous Malformations.. <i>World Neurosurgery</i> , <b>2022</b> , 159, 327-337	2.1	0
2	ALK1 signaling plays a pivotal role in regulation of genes involved in angiogenesis and vascular tone: implication on the pathogenetic mechanism for hereditary hemorrhagic telangiectasia 2 (HHT2). <i>FASEB Journal</i> , <b>2008</b> , 22, 318.1	0.9	
1	Suppression of BMP signaling by PHD2 deficiency in Pulmonary Arterial hypertension.. <i>Pulmonary Circulation</i> , <b>2022</b> , 12, e12056	2.7	