Yong Hwan Kim

List of Publications by Year in Descending Order

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	Suppression of BMP signaling by PHD2 deficiency in Pulmonary Arterial hypertension.. *Pulmonary Circulation*, **2022**, 12, e12056	2.7	
29	Genetics and Emerging Therapies for Brain Arteriovenous Malformations.. *World Neurosurgery*, **2022**, 159, 327-337	2.1	0
28	Novel experimental model of brain arteriovenous malformations using conditional Alk1 gene deletion in transgenic mice. *Journal of Neurosurgery*, **2021**, 1-12	3.2	0
27	TMEM100 is a key factor for specification of lymphatic endothelial progenitors. *Angiogenesis*, **2020**, 23, 339-355	10.6	12
26	Correcting Smad1/5/8, mTOR, and VEGFR2 treats pathology in hereditary hemorrhagic telangiectasia models. *Journal of Clinical Investigation*, **2020**, 130, 942-957	15.9	21
25	Overexpression of Activin Receptor-Like Kinase 1 in Endothelial Cells Suppresses Development of Arteriovenous Malformations in Mouse Models of Hereditary Hemorrhagic Telangiectasia. *Circulation Research*, **2020**, 127, 1122-1137	15.7	11
24	Recent Advances in Basic Research for Brain Arteriovenous Malformation. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	18
23	SMAD4 Deficiency Leads to Development of Arteriovenous Malformations in Neonatal and Adult Mice. *Journal of the American Heart Association*, **2018**, 7, e009514	6	23
22	Conditional knockout of activin like kinase-1 (ALK-1) leads to heart failure without maladaptive remodeling. *Heart and Vessels*, **2017**, 32, 628-636	2.1	14
21	CXCL12-CXCR4 signalling plays an essential role in proper patterning of aortic arch and pulmonary arteries. *Cardiovascular Research*, **2017**, 113, 1677-1687	9.9	17
20	Persistent infiltration and pro-inflammatory differentiation of monocytes cause unresolved inflammation in brain arteriovenous malformation. *Angiogenesis*, **2016**, 19, 451-461	10.6	26
19	Effects of Long-Term Exercise on Age-Related Hearing Loss in Mice. *Journal of Neuroscience*, **2016**, 36, 11308-11319	6.6	30
18	PIERCE1 is critical for specification of left-right asymmetry in mice. *Scientific Reports*, **2016**, 6, 27932	4.9	7
17	Increasing brain angiotensin converting enzyme 2 activity decreases anxiety-like behavior in male mice by activating central Mas receptors. *Neuropharmacology*, **2016**, 105, 114-123	5.5	66
16	BMP9/ALK1 inhibits neovascularization in mouse models of age-related macular degeneration. *Oncotarget*, **2016**, 7, 55957-55969	3.3	20
15	Effect of Topical Intranasal Therapy on Epistaxis Frequency in Patients With Hereditary Hemorrhagic Telangiectasia: A Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2016**, 316, 943-51	27.4	54
14	Mouse models of hereditary hemorrhagic telangiectasia: recent advances and future challenges. *Frontiers in Genetics*, **2015**, 6, 25	4.5	71

13	Neuropilin 1 balances β8 integrin-activated TGFβ signaling to control sprouting angiogenesis in the brain. *Development (Cambridge)*, **2015**, 142, 4363-73	6.6	51
12	VEGF neutralization can prevent and normalize arteriovenous malformations in an animal model for hereditary hemorrhagic telangiectasia 2. *Angiogenesis*, **2014**, 17, 823-830	10.6	76
11	Common and distinctive pathogenetic features of arteriovenous malformations in hereditary hemorrhagic telangiectasia 1 and hereditary hemorrhagic telangiectasia 2 animal models--brief report. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 2232-6	9.4	64
10	Endothelial depletion of Acvrl1 in mice leads to arteriovenous malformations associated with reduced endoglin expression. *PLoS ONE*, **2014**, 9, e98646	3.7	71
9	Bone morphogenetic protein-9 inhibits lymphatic vessel formation via activin receptor-like kinase 1 during development and cancer progression. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 18940-5	11.5	77
8	Reduced mural cell coverage and impaired vessel integrity after angiogenic stimulation in the Alk1-deficient brain. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 305-10	9.4	61
7	Minimal homozygous endothelial deletion of Eng with VEGF stimulation is sufficient to cause cerebrovascular dysplasia in the adult mouse. *Cerebrovascular Diseases*, **2012**, 33, 540-7	3.2	63
6	Arteriovenous malformation in the adult mouse brain resembling the human disease. *Annals of Neurology*, **2011**, 69, 954-62	9.4	89
5	Generation of mice with a conditional and reporter allele for Tmem100. *Genesis*, **2010**, 48, 673-8	1.9	31
4	Real-time imaging of de novo arteriovenous malformation in a mouse model of hereditary hemorrhagic telangiectasia. *Journal of Clinical Investigation*, **2009**, 119, 3487-96	15.9	194
3	ALK5- and TGFBR2-independent role of ALK1 in the pathogenesis of hereditary hemorrhagic telangiectasia type 2. *Blood*, **2008**, 111, 633-42	2.2	187
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). *FASEB Journal*, **2008**, 22, 318.1	0.9	
1	A mouse model for hereditary hemorrhagic telangiectasia (HHT) type 2. *Human Molecular Genetics*, **2003**, 12, 473-82	5.6	149