

Yong Hwan Kim

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,990
citations

331259

21
h-index

454577

30
g-index

31
all docs

31
docs citations

31
times ranked

2114
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time imaging of de novo arteriovenous malformation in a mouse model of hereditary hemorrhagic telangiectasia. <i>Journal of Clinical Investigation</i> , 2009, 119, 3487-96.	3.9	238
2	ALK5- and TGFBR2-independent role of ALK1 in the pathogenesis of hereditary hemorrhagic telangiectasia type 2. <i>Blood</i> , 2008, 111, 633-642.	0.6	212
3	A mouse model for hereditary hemorrhagic telangiectasia (HHT) type 2. <i>Human Molecular Genetics</i> , 2003, 12, 473-482.	1.4	172
4	Arteriovenous malformation in the adult mouse brain resembling the human disease. <i>Annals of Neurology</i> , 2011, 69, 954-962.	2.8	109
5	Endothelial Depletion of <i>Acvrl1</i> in Mice Leads to Arteriovenous Malformations Associated with Reduced Endoglin Expression. <i>PLoS ONE</i> , 2014, 9, e98646.	1.1	107
6	Mouse models of hereditary hemorrhagic telangiectasia: recent advances and future challenges. <i>Frontiers in Genetics</i> , 2015, 6, 25.	1.1	106
7	VEGF neutralization can prevent and normalize arteriovenous malformations in an animal model for hereditary hemorrhagic telangiectasia 2. <i>Angiogenesis</i> , 2014, 17, 823-830.	3.7	99
8	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> , 2013, 110, 18940-18945.	3.3	95
9	Increasing brain angiotensin converting enzyme 2 activity decreases anxiety-like behavior in male mice by activating central Mas receptors. <i>Neuropharmacology</i> , 2016, 105, 114-123.	2.0	91
10	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> , 2014, 34, 2232-2236.	1.1	85
11	Reduced Mural Cell Coverage and Impaired Vessel Integrity After Angiogenic Stimulation in the <i>Alk1</i> -deficient Brain. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 305-310.	1.1	82
12	Minimal Homozygous Endothelial Deletion of <i>Eng</i> with VEGF Stimulation Is Sufficient to Cause Cerebrovascular Dysplasia in the Adult Mouse. <i>Cerebrovascular Diseases</i> , 2012, 33, 540-547.	0.8	74
13	Effect of Topical Intranasal Therapy on Epistaxis Frequency in Patients With Hereditary Hemorrhagic Telangiectasia. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 943.	3.8	74
14	Neuropilin-1 balances β 8 integrin-activated TGF β 2 signaling to control sprouting angiogenesis in the brain. <i>Development (Cambridge)</i> , 2015, 142, 4363-73.	1.2	62
15	Correcting <i>Smad1/5/8</i> , mTOR, and VEGFR2 treats pathology in hereditary hemorrhagic telangiectasia models. <i>Journal of Clinical Investigation</i> , 2020, 130, 942-957.	3.9	48
16	Effects of Long-Term Exercise on Age-Related Hearing Loss in Mice. <i>Journal of Neuroscience</i> , 2016, 36, 11308-11319.	1.7	45
17	Persistent infiltration and pro-inflammatory differentiation of monocytes cause unresolved inflammation in brain arteriovenous malformation. <i>Angiogenesis</i> , 2016, 19, 451-461.	3.7	41
18	Generation of mice with a conditional and reporter allele for <i>Tmem100</i> . <i>Genesis</i> , 2010, 48, 673-678.	0.8	37

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19	SMAD4 Deficiency Leads to Development of Arteriovenous Malformations in Neonatal and Adult Mice. <i>Journal of the American Heart Association</i> , 2018, 7, e009514.	1.6	36
20	Recent Advances in Basic Research for Brain Arteriovenous Malformation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5324.	1.8	34
21	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> , 2020, 127, 1122-1137.	2.0	31
22	CXCL12-CXCR4 signalling plays an essential role in proper patterning of aortic arch and pulmonary arteries. <i>Cardiovascular Research</i> , 2017, 113, 1677-1687.	1.8	25
23	BMP9/ALK1 inhibits neovascularization in mouse models of age-related macular degeneration. <i>Oncotarget</i> , 2016, 7, 55957-55969.	0.8	23
24	Conditional knockout of activin like kinase-1 (ALK-1) leads to heart failure without maladaptive remodeling. <i>Heart and Vessels</i> , 2017, 32, 628-636.	0.5	19
25	TMEM100 is a key factor for specification of lymphatic endothelial progenitors. <i>Angiogenesis</i> , 2020, 23, 339-355.	3.7	15
26	PIERCE1 is critical for specification of left-right asymmetry in mice. <i>Scientific Reports</i> , 2016, 6, 27932.	1.6	11
27	Genetics and Emerging Therapies for Brain Arteriovenous Malformations. <i>World Neurosurgery</i> , 2022, 159, 327-337.	0.7	6
28	Emerging pathogenic mechanisms in human brain arteriovenous malformations: a contemporary review in the multiomics era. <i>Neurosurgical Focus</i> , 2022, 53, E2.	1.0	6
29	Novel experimental model of brain arteriovenous malformations using conditional <i>Alk1</i> gene deletion in transgenic mice. <i>Journal of Neurosurgery</i> , 2022, 137, 163-174.	0.9	5
30	Suppression of BMP signaling by PHD2 deficiency in Pulmonary Arterial hypertension. <i>Pulmonary Circulation</i> , 2022, 12, e12056.	0.8	2
31	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> , 2008, 22, 318.1.	0.2	0