S Paul Oh

List of Publications by Year in Descending Order

64 papers	3,271 citations	31 h-index	56 g-index
67 ext. papers	3,722 ext. citations	7.2 avg, IF	4.76 L-index

#	Paper	IF	Citations
64	Genetics and Emerging Therapies for Brain Arteriovenous Malformations.. *World Neurosurgery*, **2022**, 159, 327-337	2.1	0
63	Novel experimental model of brain arteriovenous malformations using conditional Alk1 gene deletion in transgenic mice. *Journal of Neurosurgery*, **2021**, 1-12	3.2	0
62	Bone Marrow-Derived Alk1 Mutant Endothelial Cells and Clonally Expanded Somatic Alk1 Mutant Endothelial Cells Contribute to the Development of Brain Arteriovenous Malformations in Mice. *Translational Stroke Research*, **2021**, 1	7.8	0
61	TMEM100 is a key factor for specification of lymphatic endothelial progenitors. *Angiogenesis*, **2020**, 23, 339-355	10.6	12
60	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
59	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
58	Recent Advances in Basic Research for Brain Arteriovenous Malformation. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	18
57	Pazopanib may reduce bleeding in hereditary hemorrhagic telangiectasia. *Angiogenesis*, **2019**, 22, 145-155	10.6	47
56	SMAD4 Deficiency Leads to Development of Arteriovenous Malformations in Neonatal and Adult Mice. *Journal of the American Heart Association*, **2018**, 7, e009514	6	23
55	Mitochondrial ATP transporter depletion protects mice against liver steatosis and insulin resistance. *Nature Communications*, **2017**, 8, 14477	17.4	31
54	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
53	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
52	Reduced activin receptor-like kinase 1 activity promotes cardiac fibrosis in heart failure. *Cardiovascular Pathology*, **2017**, 31, 26-33	3.8	13
51	Persistent infiltration and pro-inflammatory differentiation of monocytes cause unresolved inflammation in brain arteriovenous malformation. *Angiogenesis*, **2016**, 19, 451-461	10.6	26
50	Smooth muscle cell-specific Tgfbr1 deficiency promotes aortic aneurysm formation by stimulating multiple signaling events. *Scientific Reports*, **2016**, 6, 35444	4.9	39
49	PIERCE1 is critical for specification of left-right asymmetry in mice. *Scientific Reports*, **2016**, 6, 27932	4.9	7
48	Angiotensin-converting enzyme 2 inhibits high-mobility group box 1 and attenuates cardiac dysfunction post-myocardial ischemia. *Journal of Molecular Medicine*, **2016**, 94, 37-49	5.5	40

47	Interaction Between ALK1 Signaling and Connexin40 in the Development of Arteriovenous Malformations. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 707-17	9.4	19
46	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
45	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
44	Mouse models of hereditary hemorrhagic telangiectasia: recent advances and future challenges. *Frontiers in Genetics*, **2015**, 6, 25	4.5	71
43	Adenine nucleotide translocase 4 is expressed within embryonic ovaries and dispensable during oogenesis. *Reproductive Sciences*, **2015**, 22, 250-7	3	7
42	Neuropilin 1 balances β8 integrin-activated TGFβ signaling to control sprouting angiogenesis in the brain. *Development (Cambridge)*, **2015**, 142, 4363-73	6.6	51
41	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
40	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
39	Endothelial depletion of Acvrl1 in mice leads to arteriovenous malformations associated with reduced endoglin expression. *PLoS ONE*, **2014**, 9, e98646	3.7	71
38	SnoN facilitates ALK1-Smad1/5 signaling during embryonic angiogenesis. *Journal of Cell Biology*, **2013**, 202, 937-50	7.3	15
37	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
36	SMAD1 deficiency in either endothelial or smooth muscle cells can predispose mice to pulmonary hypertension. *Hypertension*, **2013**, 61, 1044-52	8.5	30
35	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
34	Enhanced responses to angiogenic cues underlie the pathogenesis of hereditary hemorrhagic telangiectasia 2. *PLoS ONE*, **2013**, 8, e63138	3.7	25
33	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
32	Gastric angiodysplasia in a hereditary hemorrhagic telangiectasia type 2 patient. *World Journal of Gastroenterology*, **2012**, 18, 1840-4	5.6	7
31	TGF-β signaling in endothelial cells, but not neuroepithelial cells, is essential for cerebral vascular development. *Laboratory Investigation*, **2011**, 91, 1554-63	5.9	71
30	Arteriovenous malformation in the adult mouse brain resembling the human disease. *Annals of Neurology*, **2011**, 69, 954-62	9.4	89

29	Spectral imaging reveals microvessel physiology and function from anastomoses to thromboses. *Journal of Biomedical Optics*, **2010**, 15, 011111	3.5	12
28	Pinin modulates expression of an intestinal homeobox gene, Cdx2, and plays an essential role for small intestinal morphogenesis. *Developmental Biology*, **2010**, 345, 191-203	3.1	25
27	Growth differentiation factor 11 signaling controls retinoic acid activity for axial vertebral development. *Developmental Biology*, **2010**, 347, 195-203	3.1	24
26	Generation of mice with a conditional and reporter allele for Tmem100. *Genesis*, **2010**, 48, 673-8	1.9	31
25	Tnk1/Kos1: a novel tumor suppressor. *Transactions of the American Clinical and Climatological Association*, **2010**, 121, 281-92; discussion 292-3	0.9	13
24	Hereditary Haemorrhagic Telangiectasia **2010**, 167-188		1
23	Adenine nucleotide translocase 4 deficiency leads to early meiotic arrest of murine male germ cells. *Reproduction*, **2009**, 138, 463-70	3.8	43
22	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
21	Impaired terminal differentiation of hippocampal granule neurons and defective contextual memory in PC3/Tis21 knockout mice. *PLoS ONE*, **2009**, 4, e8339	3.7	63
20	Genetic ablation of the BMPR2 gene in pulmonary endothelium is sufficient to predispose to pulmonary arterial hypertension. *Circulation*, **2008**, 118, 722-30	16.7	196
19	Tnk1/Kos1 knockout mice develop spontaneous tumors. *Cancer Research*, **2008**, 68, 8723-32	10.1	25
18	ALK5- and TGFBR2-independent role of ALK1 in the pathogenesis of hereditary hemorrhagic telangiectasia type 2. *Blood*, **2008**, 111, 633-42	2.2	187
17	TIS21 negatively regulates hepatocarcinogenesis by disruption of cyclin B1-Forkhead box M1 regulation loop. *Hepatology*, **2008**, 47, 1533-43	11.2	60
16	TIS21/(BTG2) negatively regulates estradiol-stimulated expansion of hematopoietic stem cells by derepressing Akt phosphorylation and inhibiting mTOR signal transduction. *Stem Cells*, **2008**, 26, 2339-48	5.8	22
15	Role of Pinin in neural crest, dorsal dermis, and axial skeleton development and its involvement in the regulation of Tcf/Lef activity in mice. *Developmental Dynamics*, **2007**, 236, 2147-58	2.9	17
14	Activin receptor-like kinase 1 is essential for placental vascular development in mice. *Laboratory Investigation*, **2007**, 87, 670-9	5.9	15
13	Dysregulation of intestinal crypt cell proliferation and villus cell migration in mice lacking Kruppel-like factor 9. *American Journal of Physiology - Renal Physiology*, **2007**, 292, G1757-69	5.1	37
12	Evolutionarily conserved mammalian adenine nucleotide translocase 4 is essential for spermatogenesis. *Journal of Biological Chemistry*, **2007**, 282, 29658-66	5.4	63

11	Generation of activin receptor type IIB isoform-specific hypomorphic alleles. *Genesis*, **2006**, 44, 487-94	1.9	12
10	Nonoverlapping expression patterns of ALK1 and ALK5 reveal distinct roles of each receptor in vascular development. *Laboratory Investigation*, **2006**, 86, 116-29	5.9	92
9	Subfertility, uterine hypoplasia, and partial progesterone resistance in mice lacking the Kruppel-like factor 9/basic transcription element-binding protein-1 (Bteb1) gene. *Journal of Biological Chemistry*, **2004**, 279, 29286-94	5.4	76
8	B-cell translocation gene 2 (Btg2) regulates vertebral patterning by modulating bone morphogenetic protein/smad signaling. *Molecular and Cellular Biology*, **2004**, 24, 10256-62	4.8	56
7	Isolation of a regulatory region of activin receptor-like kinase 1 gene sufficient for arterial endothelium-specific expression. *Circulation Research*, **2004**, 94, e72-7	15.7	31
6	A mouse model for hereditary hemorrhagic telangiectasia (HHT) type 2. *Human Molecular Genetics*, **2003**, 12, 473-82	5.6	149
5	Arterial endothelium-specific activin receptor-like kinase 1 expression suggests its role in arterialization and vascular remodeling. *Circulation Research*, **2003**, 93, 682-9	15.7	224
4	Gene-dosage-sensitive genetic interactions between inversus viscerum (iv), nodal, and activin type IIB receptor (ActRIIB) genes in asymmetrical patterning of the visceral organs along the left-right axis. *Developmental Dynamics*, **2002**, 224, 279-90	2.9	24
3	Activin type IIA and IIB receptors mediate Gdf11 signaling in axial vertebral patterning. *Genes and Development*, **2002**, 16, 2749-54	12.6	151
2	Change in gene expression subsequent to induction of Pnn/DRS/memA: increase in p21(cip1/waf1). *Oncogene*, **2001**, 20, 4007-18	9.2	30
1	Activin receptor patterning of foregut organogenesis. *Genes and Development*, **2000**, 14, 1866-1871	12.6	160