

S Paul Oh

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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.

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	Arterial endothelium-specific activin receptor-like kinase 1 expression suggests its role in arterIALIZATION and vascular remodeling. <i>Circulation Research</i> , 2003 , 93, 682-9	15.7	224
63	Genetic ablation of the BMPR2 gene in pulmonary endothelium is sufficient to predispose to pulmonary arterial hypertension. <i>Circulation</i> , 2008 , 118, 722-30	16.7	196
62	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	15.9	194
61	ALK5- and TGFBR2-independent role of ALK1 in the pathogenesis of hereditary hemorrhagic telangiectasia type 2. <i>Blood</i> , 2008 , 111, 633-42	2.2	187
60	Activin receptor patterning of foregut organogenesis. <i>Genes and Development</i> , 2000 , 14, 1866-1871	12.6	160
59	Activin type IIA and IIB receptors mediate Gdf11 signaling in axial vertebral patterning. <i>Genes and Development</i> , 2002 , 16, 2749-54	12.6	151
58	A mouse model for hereditary hemorrhagic telangiectasia (HHT) type 2. <i>Human Molecular Genetics</i> , 2003 , 12, 473-82	5.6	149
57	Nonoverlapping expression patterns of ALK1 and ALK5 reveal distinct roles of each receptor in vascular development. <i>Laboratory Investigation</i> , 2006 , 86, 116-29	5.9	92
56	Arteriovenous malformation in the adult mouse brain resembling the human disease. <i>Annals of Neurology</i> , 2011 , 69, 954-62	9.4	89
55	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, 18940-5	11.5	77
54	VEGF neutralization can prevent and normalize arteriovenous malformations in an animal model for hereditary hemorrhagic telangiectasia 2. <i>Angiogenesis</i> , 2014 , 17, 823-830	10.6	76
53	Subfertility, uterine hypoplasia, and partial progesterone resistance in mice lacking the Kruppel-like factor 9/basic transcription element-binding protein-1 (Bteb1) gene. <i>Journal of Biological Chemistry</i> , 2004 , 279, 29286-94	5.4	76
52	Mouse models of hereditary hemorrhagic telangiectasia: recent advances and future challenges. <i>Frontiers in Genetics</i> , 2015 , 6, 25	4.5	71
51	TGF- β signaling in endothelial cells, but not neuroepithelial cells, is essential for cerebral vascular development. <i>Laboratory Investigation</i> , 2011 , 91, 1554-63	5.9	71
50	Endothelial depletion of Acvrl1 in mice leads to arteriovenous malformations associated with reduced endoglin expression. <i>PLoS ONE</i> , 2014 , 9, e98646	3.7	71
49	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	5.5	66
48	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, 2232-6	9.4	64

47	Minimal homozygous endothelial deletion of Eng with VEGF stimulation is sufficient to cause cerebrovascular dysplasia in the adult mouse. <i>Cerebrovascular Diseases</i> , 2012 , 33, 540-7	3.2	63
46	Evolutionarily conserved mammalian adenine nucleotide translocase 4 is essential for spermatogenesis. <i>Journal of Biological Chemistry</i> , 2007 , 282, 29658-66	5.4	63
45	Impaired terminal differentiation of hippocampal granule neurons and defective contextual memory in PC3/Tis21 knockout mice. <i>PLoS ONE</i> , 2009 , 4, e8339	3.7	63
44	Reduced mural cell coverage and impaired vessel integrity after angiogenic stimulation in the Alk1-deficient brain. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 305-10	9.4	61
43	TIS21 negatively regulates hepatocarcinogenesis by disruption of cyclin B1-Forkhead box M1 regulation loop. <i>Hepatology</i> , 2008 , 47, 1533-43	11.2	60
42	B-cell translocation gene 2 (Btg2) regulates vertebral patterning by modulating bone morphogenetic protein/smad signaling. <i>Molecular and Cellular Biology</i> , 2004 , 24, 10256-62	4.8	56
41	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> , 2016 , 316, 943-51	27.4	54
40	Neuropilin 1 balances β integrin-activated TGF β signaling to control sprouting angiogenesis in the brain. <i>Development (Cambridge)</i> , 2015 , 142, 4363-73	6.6	51
39	Pazopanib may reduce bleeding in hereditary hemorrhagic telangiectasia. <i>Angiogenesis</i> , 2019 , 22, 145-155	5.6	47
38	Adenine nucleotide translocase 4 deficiency leads to early meiotic arrest of murine male germ cells. <i>Reproduction</i> , 2009 , 138, 463-70	3.8	43
37	Angiotensin-converting enzyme 2 inhibits high-mobility group box 1 and attenuates cardiac dysfunction post-myocardial ischemia. <i>Journal of Molecular Medicine</i> , 2016 , 94, 37-49	5.5	40
36	Smooth muscle cell-specific Tgfb1 deficiency promotes aortic aneurysm formation by stimulating multiple signaling events. <i>Scientific Reports</i> , 2016 , 6, 35444	4.9	39
35	Dysregulation of intestinal crypt cell proliferation and villus cell migration in mice lacking Kruppel-like factor 9. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, G1757-69	5.1	37
34	Mitochondrial ATP transporter depletion protects mice against liver steatosis and insulin resistance. <i>Nature Communications</i> , 2017 , 8, 14477	17.4	31
33	Generation of mice with a conditional and reporter allele for Tmem100. <i>Genesis</i> , 2010 , 48, 673-8	1.9	31
32	Isolation of a regulatory region of activin receptor-like kinase 1 gene sufficient for arterial endothelium-specific expression. <i>Circulation Research</i> , 2004 , 94, e72-7	15.7	31
31	SMAD1 deficiency in either endothelial or smooth muscle cells can predispose mice to pulmonary hypertension. <i>Hypertension</i> , 2013 , 61, 1044-52	8.5	30
30	Change in gene expression subsequent to induction of Pnn/DRS/memA: increase in p21(cip1/waf1). <i>Oncogene</i> , 2001 , 20, 4007-18	9.2	30

29	Persistent infiltration and pro-inflammatory differentiation of monocytes cause unresolved inflammation in brain arteriovenous malformation. <i>Angiogenesis</i> , 2016 , 19, 451-461	10.6	26
28	Enhanced responses to angiogenic cues underlie the pathogenesis of hereditary hemorrhagic telangiectasia 2. <i>PLoS ONE</i> , 2013 , 8, e63138	3.7	25
27	Pinin modulates expression of an intestinal homeobox gene, Cdx2, and plays an essential role for small intestinal morphogenesis. <i>Developmental Biology</i> , 2010 , 345, 191-203	3.1	25
26	Tnk1/Kos1 knockout mice develop spontaneous tumors. <i>Cancer Research</i> , 2008 , 68, 8723-32	10.1	25
25	Growth differentiation factor 11 signaling controls retinoic acid activity for axial vertebral development. <i>Developmental Biology</i> , 2010 , 347, 195-203	3.1	24
24	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. <i>Developmental Dynamics</i> , 2002 , 224, 279-90	2.9	24
23	SMAD4 Deficiency Leads to Development of Arteriovenous Malformations in Neonatal and Adult Mice. <i>Journal of the American Heart Association</i> , 2018 , 7, e009514	6	23
22	TIS21/(BTG2) negatively regulates estradiol-stimulated expansion of hematopoietic stem cells by derepressing Akt phosphorylation and inhibiting mTOR signal transduction. <i>Stem Cells</i> , 2008 , 26, 2339-48	5.8	22
21	Correcting Smad1/5/8, mTOR, and VEGFR2 treats pathology in hereditary hemorrhagic telangiectasia models. <i>Journal of Clinical Investigation</i> , 2020 , 130, 942-957	15.9	21
20	Interaction Between ALK1 Signaling and Connexin40 in the Development of Arteriovenous Malformations. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 707-17	9.4	19
19	Recent Advances in Basic Research for Brain Arteriovenous Malformation. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	18
18	CXCL12-CXCR4 signalling plays an essential role in proper patterning of aortic arch and pulmonary arteries. <i>Cardiovascular Research</i> , 2017 , 113, 1677-1687	9.9	17
17	Role of Pinin in neural crest, dorsal dermis, and axial skeleton development and its involvement in the regulation of Tcf/Lef activity in mice. <i>Developmental Dynamics</i> , 2007 , 236, 2147-58	2.9	17
16	SnoN facilitates ALK1-Smad1/5 signaling during embryonic angiogenesis. <i>Journal of Cell Biology</i> , 2013 , 202, 937-50	7.3	15
15	Activin receptor-like kinase 1 is essential for placental vascular development in mice. <i>Laboratory Investigation</i> , 2007 , 87, 670-9	5.9	15
14	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	2.1	14
13	Reduced activin receptor-like kinase 1 activity promotes cardiac fibrosis in heart failure. <i>Cardiovascular Pathology</i> , 2017 , 31, 26-33	3.8	13
12	Tnk1/Kos1: a novel tumor suppressor. <i>Transactions of the American Clinical and Climatological Association</i> , 2010 , 121, 281-92; discussion 292-3	0.9	13

11	TMEM100 is a key factor for specification of lymphatic endothelial progenitors. <i>Angiogenesis</i> , 2020 , 23, 339-355	10.6	12
10	Spectral imaging reveals microvessel physiology and function from anastomoses to thromboses. <i>Journal of Biomedical Optics</i> , 2010 , 15, 011111	3.5	12
9	Generation of activin receptor type IIB isoform-specific hypomorphic alleles. <i>Genesis</i> , 2006 , 44, 487-94	1.9	12
8	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	15.7	11
7	Adenine nucleotide translocase 4 is expressed within embryonic ovaries and dispensable during oogenesis. <i>Reproductive Sciences</i> , 2015 , 22, 250-7	3	7
6	PIERCE1 is critical for specification of left-right asymmetry in mice. <i>Scientific Reports</i> , 2016 , 6, 27932	4.9	7
5	Gastric angiodysplasia in a hereditary hemorrhagic telangiectasia type 2 patient. <i>World Journal of Gastroenterology</i> , 2012 , 18, 1840-4	5.6	7
4	Hereditary Haemorrhagic Telangiectasia 2010 , 167-188		1
3	Novel experimental model of brain arteriovenous malformations using conditional Alk1 gene deletion in transgenic mice. <i>Journal of Neurosurgery</i> , 2021 , 1-12	3.2	0
2	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. <i>Translational Stroke Research</i> , 2021 , 1	7.8	0
1	Genetics and Emerging Therapies for Brain Arteriovenous Malformations.. <i>World Neurosurgery</i> , 2022 , 159, 327-337	2.1	0