

Li-Kun Phng

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

4,731
citations

687335

13
h-index

940516

16
g-index

18
all docs

18
docs citations

18
times ranked

7695
citing authors

#	ARTICLE	IF	CITATIONS
1	Dll4 signalling through Notch1 regulates formation of tip cells during angiogenesis. <i>Nature</i> , 2007, 445, 776-780.	27.8	1,515
2	Role of PFKFB3-Driven Glycolysis in Vessel Sprouting. <i>Cell</i> , 2013, 154, 651-663.	28.9	1,117
3	Angiogenesis selectively requires the p110 β isoform of PI3K to control endothelial cell migration. <i>Nature</i> , 2008, 453, 662-666.	27.8	459
4	Acetylation-dependent regulation of endothelial Notch signalling by the SIRT1 deacetylase. <i>Nature</i> , 2011, 473, 234-238.	27.8	350
5	Nrarp Coordinates Endothelial Notch and Wnt Signaling to Control Vessel Density in Angiogenesis. <i>Developmental Cell</i> , 2009, 16, 70-82.	7.0	326
6	Dynamic Endothelial Cell Rearrangements Drive Developmental Vessel Regression. <i>PLoS Biology</i> , 2015, 13, e1002125.	5.6	231
7	Filopodia are dispensable for endothelial tip cell guidance. <i>Development (Cambridge)</i> , 2013, 140, 4031-4040.	2.5	178
8	Blood flow drives lumen formation by inverse membrane blebbing during angiogenesis <i>in vivo</i> . <i>Nature Cell Biology</i> , 2016, 18, 443-450.	10.3	159
9	VEGF and Notch Signaling. <i>Cell Adhesion and Migration</i> , 2007, 1, 133-136.	2.7	139
10	Formin-Mediated Actin Polymerization at Endothelial Junctions Is Required for Vessel Lumen Formation and Stabilization. <i>Developmental Cell</i> , 2015, 32, 123-132.	7.0	87
11	Dynamic stroma reorganization drives blood vessel dysmorphia during glioma growth. <i>EMBO Molecular Medicine</i> , 2017, 9, 1629-1645.	6.9	54
12	Dendritic cell expression of the Notch ligand <i>jagged2</i> is not essential for Th2 response induction <i>in vivo</i> . <i>European Journal of Immunology</i> , 2008, 38, 1043-1049.	2.9	50
13	Marcksl1 modulates endothelial cell mechanoresponse to haemodynamic forces to control blood vessel shape and size. <i>Nature Communications</i> , 2020, 11, 5476.	12.8	23
14	Endothelial cell mechanics and blood flow forces in vascular morphogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2021, 120, 32-43.	5.0	16
15	Tissue guidance without filopodia. <i>Communicative and Integrative Biology</i> , 2014, 7, e28820.	1.4	9
16	High-Throughput Imaging of Blood Flow Reveals Developmental Changes in Distribution Patterns of Hemodynamic Quantities in Developing Zebrafish. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	3