

Konstantin Gaengel

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,809
citations

516710

16
h-index

713466

21
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22
all docs

22
docs citations

22
times ranked

3278
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial-Mural Cell Signaling in Vascular Development and Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 630-638.	2.4	784
2	The Sphingosine-1-Phosphate Receptor S1PR1 Restricts Sprouting Angiogenesis by Regulating the Interplay between VE-Cadherin and VEGFR2. <i>Developmental Cell</i> , 2012, 23, 587-599.	7.0	287
3	Excessive vascular sprouting underlies cerebral hemorrhage in mice lacking \hat{I}^2 -8-TGF \hat{I}^2 signaling in the brain. <i>Development (Cambridge)</i> , 2014, 141, 4489-4499.	2.5	84
4	Egfr signaling regulates ommatidial rotation and cell motility in the <i>Drosophila</i> eye via MAPK/Pnt signaling and the Ras effector Canoe/AF6. <i>Development (Cambridge)</i> , 2003, 130, 5413-5423.	2.5	71
5	Tamoxifen-independent recombination of reporter genes limits lineage tracing and mosaic analysis using CreERT2 lines. <i>Transgenic Research</i> , 2020, 29, 53-68.	2.4	69
6	Transgenic <i>Drosophila</i> models of Noonan syndrome causing PTPN11 gain-of-function mutations. <i>Human Molecular Genetics</i> , 2006, 15, 543-553.	2.9	66
7	Defective endothelial cell migration in the absence of Cdc42 leads to capillary-venous malformations. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	56
8	The role of the <i>Drosophila</i> TAK homologue dTAK during development. <i>Mechanisms of Development</i> , 2001, 102, 67-79.	1.7	55
9	Visualization of vascular mural cells in developing brain using genetically labeled transgenic reporter mice. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018, 38, 456-468.	4.3	51
10	Nemo kinase phosphorylates \hat{I}^2 -catenin to promote ommatidial rotation and connects core PCP factors to E-cadherin \hat{I}^2 -catenin. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 665-672.	8.2	43
11	CDC42 Deletion Elicits Cerebral Vascular Malformations via Increased MEKK3-Dependent KLF4 Expression. <i>Circulation Research</i> , 2019, 124, 1240-1252.	4.5	42
12	Sphingosine 1-Phosphate Receptor Signaling Establishes AP-1 Gradients to Allow for Retinal Endothelial Cell Specialization. <i>Developmental Cell</i> , 2020, 52, 779-793.e7.	7.0	38
13	Gpr116 Receptor Regulates Distinctive Functions in Pneumocytes and Vascular Endothelium. <i>PLoS ONE</i> , 2015, 10, e0137949.	2.5	37
14	VEGF Receptor Tyrosine Kinases. <i>Current Topics in Developmental Biology</i> , 2017, 123, 433-482.	2.2	35
15	Endocytosis regulates VEGF signalling during angiogenesis. <i>Nature Cell Biology</i> , 2013, 15, 233-235.	10.3	32
16	Microscopic Analysis of the Adult <i>Drosophila</i> Retina Using Semithin Plastic Sections. <i>Methods in Molecular Biology</i> , 2008, 420, 277-287.	0.9	17
17	Mural Cell SRF Controls Pericyte Migration, Vessel Patterning and Blood Flow. <i>Circulation Research</i> , 2022, 131, 308-327.	4.5	15
18	New imaging methods and tools to study vascular biology. <i>Current Opinion in Hematology</i> , 2015, 22, 258-266.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Integrins are required for synchronous ommatidial rotation in the <i>Drosophila</i> eye linking planar cell polarity signalling to the extracellular matrix. <i>Open Biology</i> , 2019, 9, 190148.	3.6	8
20	Prickle is phosphorylated by Nemo and targeted for degradation to maintain Prickle/Spiny-legs isoform balance during planar cell polarity establishment. <i>PLoS Genetics</i> , 2018, 14, e1007391.	3.5	7
21	The Sphingosine-1-Phosphate Receptor S1PR1 Restricts Sprouting Angiogenesis by Regulating the Interplay between VE-Cadherin and VEGFR2. <i>Developmental Cell</i> , 2012, 23, 1264.	7.0	3