Xuri Li

List of Publications by Year
in descending order

63 papers	6,485 citations	109321 35 h-index	123424 61 g-index
64 all docs	64 docs citations	64 times ranked	8646 citing authors

#	Article	IF	Citations
1	Platelet-derived growth factor C signaling is a potential therapeutic target for radiation proctopathy. Science Translational Medicine, 2021, 13, .	12.4	8
2	Mitogen-Inducible Gene 6 Inhibits Angiogenesis by Binding to SHC1 and Suppressing Its Phosphorylation. Frontiers in Cell and Developmental Biology, 2021, 9, 634242.	3.7	6
3	Phenotypic diversity and metabolic specialization of renal endothelial cells. Nature Reviews Nephrology, 2021, 17, 441-464.	9.6	60
4	Glycosylation at Asn254 Is Required for the Activation of the PDGF-C Protein. Frontiers in Molecular Biosciences, 2021, 8, 665552.	3.5	1
5	Protocols for endothelial cell isolation from mouse tissues: small intestine, colon, heart, and liver. STAR Protocols, 2021, 2, 100489.	1.2	11
6	Platelet-Derived Growth Factor-D Activates Complement System to Propagate Macrophage Polarization and Neovascularization. Frontiers in Cell and Developmental Biology, 2021, 9, 686886.	3.7	6
7	Role of Junctional Adhesion Molecule-C in the Regulation of Inner Endothelial Blood-Retinal Barrier Function. Frontiers in Cell and Developmental Biology, 2021, 9, 695657.	3.7	6
8	Role of VEGFR2 in Mediating Endoplasmic Reticulum Stress Under Glucose Deprivation and Determining Cell Death, Oxidative Stress, and Inflammatory Factor Expression. Frontiers in Cell and Developmental Biology, 2021, 9, 631413.	3.7	3
9	Protocols for endothelial cell isolation from mouse tissues: kidney, spleen, and testis. STAR Protocols, 2021, 2, 100523.	1.2	7
10	Protocols for endothelial cell isolation from mouse tissues: brain, choroid, lung, and muscle. STAR Protocols, 2021, 2, 100508.	1.2	12
11	Automatic cell type identification methods for single-cell RNA sequencing. Computational and Structural Biotechnology Journal, 2021, 19, 5874-5887.	4.1	30
12	Expression and function of PDGF-C in development and stem cells. Open Biology, 2021, 11, 210268.	3.6	5
13	Synchronized tissue-scale vasculogenesis and ubiquitous lateral sprouting underlie the unique architecture of the choriocapillaris. Developmental Biology, 2020, 457, 206-214.	2.0	9
14	Therapeutic paradigm of dual targeting VEGF and PDGF for effectively treating FGF-2 off-target tumors. Nature Communications, 2020, 11, 3704.	12.8	62
15	Basic and Therapeutic Aspects of Angiogenesis Updated. Circulation Research, 2020, 127, 310-329.	4.5	251
16	Single-Cell Transcriptome Atlas of Murine Endothelial Cells. Cell, 2020, 180, 764-779.e20.	28.9	755
17	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. Cancer Cell, 2020, 37, 21-36.e13.	16.8	253
18	Single-Cell RNA Sequencing Maps Endothelial Metabolic Plasticity in Pathological Angiogenesis. Cell Metabolism, 2020, 31, 862-877.e14.	16.2	169

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19	Single-Cell RNA Sequencing Reveals Renal Endothelium Heterogeneity and Metabolic Adaptation to Water Deprivation. Journal of the American Society of Nephrology: JASN, 2020, 31, 118-138.	6.1	117
20	A systems genetics approach to revealing the molecular network of the retina. Molecular Vision, 2020, 26, 459-471.	1.1	0
21	Hallmarks of Endothelial Cell Metabolism in Health and Disease. Cell Metabolism, 2019, 30, 414-433.	16.2	255
22	Endothelial CDS2 deficiency causes VEGFA-mediated vascular regression and tumor inhibition. Cell Research, 2019, 29, 895-910.	12.0	31
23	Novel multi-targeted inhibitors suppress ocular neovascularization by regulating unique gene sets. Pharmacological Research, 2019, 146, 104277.	7.1	5
24	Novel function of VEGF-B as an antioxidant and therapeutic implications. Pharmacological Research, 2019, 143, 33-39.	7.1	25
25	Identification of prothymosin alpha (PTMA) as a biomarker for esophageal squamous cell carcinoma (ESCC) by label-free quantitative proteomics and Quantitative Dot Blot (QDB). Clinical Proteomics, 2019, 16, 12.	2.1	43
26	Metabolic Pathways Fueling the Endothelial Cell Drive. Annual Review of Physiology, 2019, 81, 483-503.	13.1	91
27	EndoDB: a database of endothelial cell transcriptomics data. Nucleic Acids Research, 2019, 47, D736-D744.	14.5	70
28	Targeting angiogenic metabolism in disease. Science, 2018, 359, 1335-1336.	12.6	33
29	PDGF-C and PDGF-D in ocular diseases. Molecular Aspects of Medicine, 2018, 62, 33-43.	6.4	23
30	PDGFs and their receptors in vascular stem/progenitor cells: Functions and therapeutic potential in retinal vasculopathy. Molecular Aspects of Medicine, 2018, 62, 22-32.	6.4	8
31	Vascular stem/progenitor cells: functions and signaling pathways. Cellular and Molecular Life Sciences, 2018, 75, 859-869.	5.4	33
32	Platelet-derived growth factor-C and -D in the cardiovascular system and diseases. Molecular Aspects of Medicine, 2018, 62, 12-21.	6.4	51
33	VEGF-B is a potent antioxidant. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10351-10356.	7.1	46
34	Role of glutamine synthetase in angiogenesis beyond glutamine synthesis. Nature, 2018, 561, 63-69.	27.8	136
35	Serine Synthesis via PHGDH Is Essential for Heme Production in Endothelial Cells. Cell Metabolism, 2018, 28, 573-587.e13.	16.2	127
36	Quiescent Endothelial Cells Upregulate Fatty Acid Î²-Oxidation for Vasculoprotection via Redox Homeostasis. Cell Metabolism, 2018, 28, 881-894.e13.	16.2	174

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37	Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. Cell Metabolism, 2018, 28, 866-880.e15.	16.2	154
38	Off-tumor targets compromise antiangiogenic drug sensitivity by inducing kidney erythropoietin production. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E9635-E9644.	7.1	12
39	Critical role of caveolin-1 in ocular neovascularization and multitargeted antiangiogenic effects of cavtratin via JNK. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10737-10742.	7.1	30
40	Caveolin-1 Protects Retinal Ganglion Cells against Acute Ocular Hypertension Injury via Modulating Microglial Phenotypes and Distribution and Activating AKT pathway. Scientific Reports, 2017, 7, 10716.	3.3	13
41	A miR-327â€“FGF10â€“FGFR2-mediated autocrine signaling mechanism controls white fat browning. Nature Communications, 2017, 8, 2079.	12.8	52
42	JAM-C maintains VEGR2 expression to promote retinal pigment epithelium cell survival under oxidative stress. Thrombosis and Haemostasis, 2017, 117, 750-757.	3.4	7
43	Inhibitory effect of caveolin-1 in vascular endothelial cells, pericytes and smooth muscle cells. Oncotarget, 2017, 8, 76165-76173.	1.8	15
44	Endothelial PDGF-CC regulates angiogenesis-dependent thermogenesis in beige fat. Nature Communications, 2016, 7, 12152.	12.8	84
45	Lens regeneration using endogenous stem cells with gain of visual function. Nature, 2016, 531, 323-328.	27.8	171
46	Platelets induce apoptosis via membrane-bound FasL. Blood, 2015, 126, 1483-1493.	1.4	68
47	VEGF-B-Neuropilin-1 signaling is spatiotemporally indispensable for vascular and neuronal development in zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5944-53.	7.1	33
48	Oligodendrocyte Progenitor Cells Promote Neovascularization in Glioma by Disrupting the Bloodâ€“Brain Barrier. Cancer Research, 2014, 74, 1011-1021.	0.9	45
49	Platelet-derived growth factor (PDGF)-C inhibits neuroretinal apoptosis in a murine model of focal retinal degeneration. Laboratory Investigation, 2014, 94, 674-682.	3.7	16
50	Vasoprotective effect of PDGF-CC mediated by HMOX1 rescues retinal degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14806-14811.	7.1	24
51	PDGF-C: a new performer in the neurovascular interplay. Trends in Molecular Medicine, 2013, 19, 474-486.	6.7	36
52	Survival effect of PDGF-CC rescues neurons from apoptosis in both brain and retina by regulating GSK3Î² phosphorylation. Journal of Experimental Medicine, 2010, 207, 867-880.	8.5	110
53	PDGF-CC blockade inhibits pathological angiogenesis by acting on multiple cellular and molecular targets. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12216-12221.	7.1	69
54	VEGF-independent angiogenic pathways induced by PDGF-C. Oncotarget, 2010, 1, 309-314.	1.8	63

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55	VEGF-B is dispensable for blood vessel growth but critical for their survival, and VEGF-B targeting inhibits pathological angiogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6152-6157.	7.1	243
56	Revascularization of ischemic tissues by PDGF-CC via effects on endothelial cells and their progenitors. Journal of Clinical Investigation, 2005, 115, 118-127.	8.2	148
57	Transgenic Overexpression of Platelet-Derived Growth Factor-C in the Mouse Heart Induces Cardiac Fibrosis, Hypertrophy, and Dilated Cardiomyopathy. American Journal of Pathology, 2003, 163, 673-682.	3.8	137
58	Novel PDGF family members: PDGF-C and PDGF-D. Cytokine and Growth Factor Reviews, 2003, 14, 91-98.	7.2	162
59	Angiogenesis stimulated by PDGFâ€CC, a novel member in the PDGF family, involves activation of PDGFRâ€aa and â€ap receptors. FASEB Journal, 2002, 16, 1575-1583.	0.5	201
60	Expression of a Novel PDGF Isoform, PDGF-C, in Normal and Diseased Rat Kidney. Journal of the American Society of Nephrology: JASN, 2002, 13, 910-917.	6.1	62
61	Chromosomal Location, Exon Structure, and Vascular Expression Patterns of the Human PDGFC and PDGFD Genes. Circulation, 2001, 103, 2242-2247.	1.6	111
62	Lack of Pericytes Leads to Endothelial Hyperplasia and Abnormal Vascular Morphogenesis. Journal of Cell Biology, 2001, 153, 543-554.	5.2	949
63	PDGF-C is a new protease-activated ligand for the PDGF Î±-receptor. Nature Cell Biology, 2000, 2, 302-309.	10.3	548