Shusheng Wang

List of Publications by Citations

42 papers	3,696 citations	22 h-index	46 g-index
46 ext. papers	4,157 ext. citations	6.8 avg, IF	5.37 L-index

#	Paper	IF	Citations
42	The endothelial-specific microRNA miR-126 governs vascular integrity and angiogenesis. *Developmental Cell*, **2008**, 15, 261-71	10.2	1417
41	MicroRNA-126-5p promotes endothelial proliferation and limits atherosclerosis by suppressing Dlk1. *Nature Medicine*, **2014**, 20, 368-76	50.5	427
40	AngiomiRs--key regulators of angiogenesis. *Current Opinion in Genetics and Development*, **2009**, 19, 205-11	4.9	361
39	Regulation of angiogenesis and choroidal neovascularization by members of microRNA-23~27~24 clusters. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 8287-92	11.5	278
38	Control of endothelial cell proliferation and migration by VEGF signaling to histone deacetylase 7. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 7738-43	11.5	182
37	Angio-LncRs: LncRNAs that regulate angiogenesis and vascular disease. *Theranostics*, **2018**, 8, 3654-3675	12.1	116
36	RPE necroptosis in response to oxidative stress and in AMD. *Ageing Research Reviews*, **2015**, 24, 286-98	12	114
35	E-Cigarette Aerosol Exposure Induces Reactive Oxygen Species, DNA Damage, and Cell Death in Vascular Endothelial Cells. *Toxicological Sciences*, **2016**, 154, 332-340	4.4	87
34	Current therapeutic developments in atrophic age-related macular degeneration. *British Journal of Ophthalmology*, **2016**, 100, 122-7	5.5	59
33	miRNAs as potential therapeutic targets for age-related macular degeneration. *Future Medicinal Chemistry*, **2012**, 4, 277-87	4.1	53
32	Pharmaceutical composition for treating macular degeneration (WO2012079419). *Expert Opinion on Therapeutic Patents*, **2013**, 23, 269-72	6.8	52
31	Overexpression and knockout of miR-126 both promote leukemogenesis. *Blood*, **2015**, 126, 2005-15	2.2	50
30	Repression of choroidal neovascularization through actin cytoskeleton pathways by microRNA-24. *Molecular Therapy*, **2014**, 22, 378-389	11.7	49
29	Strand and Cell Type-specific Function of microRNA-126 in Angiogenesis. *Molecular Therapy*, **2016**, 24, 1823-1835	11.7	44
28	NLRP3 Upregulation in Retinal Pigment Epithelium in Age-Related Macular Degeneration. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	42
27	An alkali-burn injury model of corneal neovascularization in the mouse. *Journal of Visualized Experiments*, **2014**,	1.6	35
26	Mitochondrial phosphatase PGAM5 modulates cellular senescence by regulating mitochondrial dynamics. *Nature Communications*, **2020**, 11, 2549	17.4	33

25	Chick Pcl2 regulates the left-right asymmetry by repressing Shh expression in Hensen's node. *Development (Cambridge)*, **2004**, 131, 4381-91	6.6	30
24	Polycomblike-2-deficient mice exhibit normal left-right asymmetry. *Developmental Dynamics*, **2007**, 236, 853-61	2.9	29
23	Inhibition of multiple pathogenic pathways by histone deacetylase inhibitor SAHA in a corneal alkali-burn injury model. *Molecular Pharmaceutics*, **2013**, 10, 307-18	5.6	25
22	4-Acetoxyphenol Prevents RPE Oxidative Stress-Induced Necrosis by Functioning as an NRF2 Stabilizer **2015**, 56, 5048-59		24
21	Regulation of intraocular pressure by microRNA cluster miR-143/145. *Scientific Reports*, **2017**, 7, 915	4.9	23
20	The short stature homeobox 2 (Shox2)-bone morphogenetic protein (BMP) pathway regulates dorsal mesenchymal protrusion development and its temporary function as a pacemaker during cardiogenesis. *Journal of Biological Chemistry*, **2015**, 290, 2007-23	5.4	21
19	GATA2 controls lymphatic endothelial cell junctional integrity and lymphovenous valve morphogenesis through. *Development (Cambridge)*, **2019**, 146,	6.6	20
18	Gossypol Acetic Acid Prevents Oxidative Stress-Induced Retinal Pigment Epithelial Necrosis by Regulating the FoxO3/Sestrin2 Pathway. *Molecular and Cellular Biology*, **2015**, 35, 1952-63	4.8	18
17	let-7 Contributes to Diabetic Retinopathy but Represses Pathological Ocular Angiogenesis. *Molecular and Cellular Biology*, **2017**, 37,	4.8	17
16	miR-146a is upregulated during retinal pigment epithelium (RPE)/choroid aging in mice and represses and expression in RPE cells. *Journal of Clinical & Experimental Ophthalmology*, **2016**, 7,	0	14
15	LncEGFL7OS regulates human angiogenesis by interacting with MAX at the EGFL7/miR-126 locus. *ELife*, **2019**, 8,	8.9	13
14	Protective effects of bestatin in the retina of streptozotocin-induced diabetic mice. *Experimental Eye Research*, **2016**, 149, 100-106	3.7	13
13	Not All Stressors Are Equal: Mechanism of Stressors on RPE Cell Degeneration. *Frontiers in Cell and Developmental Biology*, **2020**, 8, 591067	5.7	12
12	A chronological study of the bacterial pathogen changes in acute neonatal bacterial conjunctivitis in southern China. *BMC Ophthalmology*, **2017**, 17, 174	2.3	8
11	Phosphatidylserine (PS) Is Exposed in Choroidal Neovascular Endothelium: PS-Targeting Antibodies Inhibit Choroidal Angiogenesis In Vivo and Ex Vivo **2015**, 56, 7137-45		8
10	Expression, regulation and function of miR-126 in the mouse choroid vasculature. *Experimental Eye Research*, **2018**, 170, 169-176	3.7	5
9	Next-generation therapeutic solutions for age-related macular degeneration. *Pharmaceutical Patent Analyst*, **2012**, 1, 193-206	0.6	5
8	Requirement of Smad4 from Ocular Surface Ectoderm for Retinal Development. *PLoS ONE*, **2016**, 11, e0159639	3.7	3

7	Iris ultrastructure in patients with synechiae as revealed by in vivo laser scanning confocal microscopy : In vivo iris ultrastructure in patients with Synechiae by Laser Scanning Confocal Microscopy. *BMC Ophthalmology*, **2016**, 15 Suppl 1, 46	2.3	2
6	An integrated hypothesis for miR-126 in vascular disease. *Medical Research Archives*, **2020**, 8,	2.1	2
5	Delayed rFGF21 Administration Improves Cerebrovascular Remodeling and White Matter Repair After Focal Stroke in Diabetic Mice. *Translational Stroke Research*, **2021**, 1	7.8	2
4	GATA2 controls lymphatic endothelial cell junctional integrity and lymphovenous valve morphogenesis through miR-126		1
3	Overexpression and Knockout of Mir-126 Both Promote Leukemogenesis through Targeting Distinct Gene Signaling. *Blood*, **2015**, 126, 3667-3667	2.2	0
2	Micromanaging Atherogenesis **2015**, 423-435		
1	Keep your eyes open: challenges and opportunities in ophthalmic therapeutics. *Future Medicinal Chemistry*, **2012**, 4, 2119-21	4.1	