

Shusheng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

4,540
citations

279487

23
h-index

329751

37
g-index

46
all docs

46
docs citations

46
times ranked

7712
citing authors

#	ARTICLE	IF	CITATIONS
1	The Endothelial-Specific MicroRNA miR-126 Governs Vascular Integrity and Angiogenesis. <i>Developmental Cell</i> , 2008, 15, 261-271.	3.1	1,630
2	MicroRNA-126-5p promotes endothelial proliferation and limits atherosclerosis by suppressing Dlk1. <i>Nature Medicine</i> , 2014, 20, 368-376.	15.2	527
3	AngiomiRs—Key regulators of angiogenesis. <i>Current Opinion in Genetics and Development</i> , 2009, 19, 205-211.	1.5	409
4	Regulation of angiogenesis and choroidal neovascularization by members of microRNA-23/27/424 clusters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8287-8292.	3.3	307
5	Control of endothelial cell proliferation and migration by VEGF signaling to histone deacetylase 7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7738-7743.	3.3	208
6	RPE necroptosis in response to oxidative stress and in AMD. <i>Ageing Research Reviews</i> , 2015, 24, 286-298.	5.0	186
7	Angio-LncRs: LncRNAs that regulate angiogenesis and vascular disease. <i>Theranostics</i> , 2018, 8, 3654-3675.	4.6	154
8	E-Cigarette Aerosol Exposure Induces Reactive Oxygen Species, DNA Damage, and Cell Death in Vascular Endothelial Cells. <i>Toxicological Sciences</i> , 2016, 154, 332-340.	1.4	125
9	Mitochondrial phosphatase PGAM5 modulates cellular senescence by regulating mitochondrial dynamics. <i>Nature Communications</i> , 2020, 11, 2549.	5.8	100
10	Overexpression and knockout of miR-126 both promote leukemogenesis. <i>Blood</i> , 2015, 126, 2005-2015.	0.6	65
11	Current therapeutic developments in atrophic age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2016, 100, 122-127.	2.1	65
12	miRNAs as potential therapeutic targets for age-related macular degeneration. <i>Future Medicinal Chemistry</i> , 2012, 4, 277-287.	1.1	59
13	Pharmaceutical composition for treating macular degeneration (WO2012079419). <i>Expert Opinion on Therapeutic Patents</i> , 2013, 23, 269-272.	2.4	57
14	Repression of Choroidal Neovascularization Through Actin Cytoskeleton Pathways by MicroRNA-24. <i>Molecular Therapy</i> , 2014, 22, 378-389.	3.7	55
15	NLRP3 Upregulation in Retinal Pigment Epithelium in Age-Related Macular Degeneration. <i>International Journal of Molecular Sciences</i> , 2016, 17, 73.	1.8	54
16	Strand and Cell Type-specific Function of microRNA-126 in Angiogenesis. <i>Molecular Therapy</i> , 2016, 24, 1823-1835.	3.7	53
17	An Alkali-burn Injury Model of Corneal Neovascularization in the Mouse. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	48
18	4-Acetoxyphenol Prevents RPE Oxidative Stress–Induced Necrosis by Functioning as an NRF2 Stabilizer. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 5048.		35

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19	Polycomblike-2-deficient mice exhibit normal left-right asymmetry. <i>Developmental Dynamics</i> , 2007, 236, 853-861.	0.8	33
20	Chick Pcl2 regulates the left-right asymmetry by repressing Shh expression in Hensen's node. <i>Development (Cambridge)</i> , 2004, 131, 4381-4391.	1.2	32
21	Regulation of intraocular pressure by microRNA cluster miR-143/145. <i>Scientific Reports</i> , 2017, 7, 915.	1.6	32
22	GATA2 controls lymphatic endothelial cell junctional integrity and lymphovenous valve morphogenesis through miR-126. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	30
23	Not All Stressors Are Equal: Mechanism of Stressors on RPE Cell Degeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 591067.	1.8	29
24	Inhibition of Multiple Pathogenic Pathways by Histone Deacetylase Inhibitor SAHA in a Corneal Alkali-Burn Injury Model. <i>Molecular Pharmaceutics</i> , 2013, 10, 307-318.	2.3	28
25	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. <i>Journal of Biological Chemistry</i> , 2015, 290, 2007-2023.	1.6	26
26	let-7 Contributes to Diabetic Retinopathy but Represses Pathological Ocular Angiogenesis. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	24
27	Gossypol Acetic Acid Prevents Oxidative Stress-Induced Retinal Pigment Epithelial Necrosis by Regulating the FoxO3/Sestrin2 Pathway. <i>Molecular and Cellular Biology</i> , 2015, 35, 1952-1963.	1.1	23
28	Role of Mitochondria in Retinal Pigment Epithelial Aging and Degeneration. <i>Frontiers in Aging</i> , 0, 3, .	1.2	23
29	miR-146a is Upregulated During Retinal Pigment Epithelium (RPE)/Choroid Aging in Mice and Represses IL-6 and VEGF-A Expression in RPE Cells. <i>Journal of Clinical & Experimental Ophthalmology</i> , 2016, 7, .	0.1	22
30	Protective effects of bestatin in the retina of streptozotocin-induced diabetic mice. <i>Experimental Eye Research</i> , 2016, 149, 100-106.	1.2	18
31	LncEGFL7OS regulates human angiogenesis by interacting with MAX at the EGFL7/miR-126 locus. <i>ELife</i> , 2019, 8, .	2.8	17
32	A chronological study of the bacterial pathogen changes in acute neonatal bacterial conjunctivitis in southern China. <i>BMC Ophthalmology</i> , 2017, 17, 174.	0.6	11
33	An integrated hypothesis for miR-126 in vascular disease. <i>Medical Research Archives</i> , 2020, 8, .	0.1	11
34	Phosphatidylserine (PS) Is Exposed in Choroidal Neovascular Endothelium: PS-Targeting Antibodies Inhibit Choroidal Angiogenesis In Vivo and Ex Vivo. , 2015, 56, 7137.		10
35	Expression, regulation and function of miR-126 in the mouse choroid vasculature. <i>Experimental Eye Research</i> , 2018, 170, 169-176.	1.2	8
36	Next-generation therapeutic solutions for age-related macular degeneration. <i>Pharmaceutical Patent Analyst</i> , 2012, 1, 193-206.	0.4	7

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37	Requirement of Smad4 from Ocular Surface Ectoderm for Retinal Development. PLoS ONE, 2016, 11, e0159639.	1.1	6
38	Delayed rFGF21 Administration Improves Cerebrovascular Remodeling and White Matter Repair After Focal Stroke in Diabetic Mice. Translational Stroke Research, 2022, 13, 311-325.	2.3	6
39	Iris ultrastructure in patients with synechiae as revealed by in vivo laser scanning confocal microscopy. BMC Ophthalmology, 2016, 16, 46.	0.6	2
40	Overexpression and Knockout of Mir-126 Both Promote Leukemogenesis through Targeting Distinct Gene Signaling. Blood, 2015, 126, 3667-3667.	0.6	1
41	Keep your eyes open: challenges and opportunities in ophthalmic therapeutics. Future Medicinal Chemistry, 2012, 4, 2119-2121.	1.1	0
42	A Microcontroller Operated Device for the Generation of Liquid Extracts from Conventional Cigarette Smoke and Electronic Cigarette Aerosol. Journal of Visualized Experiments, 2018, , .	0.2	0
43	Abstract TP235: Delayed FGF21 Administration Improves Cerebrovascular Remodeling And White Matter Repair After Focal Stroke In Diabetic Mice. Stroke, 2022, 53, .	1.0	0