

Shusheng Wang

List of Publications by Year in descending order

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papers

4,540
citations

279798

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#	ARTICLE	IF	CITATIONS
1	Delayed rFGF21 Administration Improves Cerebrovascular Remodeling and White Matter Repair After Focal Stroke in Diabetic Mice. <i>Translational Stroke Research</i> , 2022, 13, 311-325.	4.2	6
2	Abstract TP235: Delayed FGF21 Administration Improves Cerebrovascular Remodeling And White Matter Repair After Focal Stroke In Diabetic Mice. <i>Stroke</i> , 2022, 53, .	2.0	0
3	Not All Stressors Are Equal: Mechanism of Stressors on RPE Cell Degeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 591067.	3.7	29
4	Mitochondrial phosphatase PGAM5 modulates cellular senescence by regulating mitochondrial dynamics. <i>Nature Communications</i> , 2020, 11, 2549.	12.8	100
5	An integrated hypothesis for miR-126 in vascular disease. <i>Medical Research Archives</i> , 2020, 8, .	0.2	11
6	GATA2 controls lymphatic endothelial cell junctional integrity and lymphovenous valve morphogenesis through miR-126. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	30
7	LncEGFL7OS regulates human angiogenesis by interacting with MAX at the EGFL7/miR-126 locus. <i>ELife</i> , 2019, 8, .	6.0	17
8	Expression, regulation and function of miR-126 in the mouse choroid vasculature. <i>Experimental Eye Research</i> , 2018, 170, 169-176.	2.6	8
9	A Microcontroller Operated Device for the Generation of Liquid Extracts from Conventional Cigarette Smoke and Electronic Cigarette Aerosol. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	0
10	Angio-LncRs: LncRNAs that regulate angiogenesis and vascular disease. <i>Theranostics</i> , 2018, 8, 3654-3675.	10.0	154
11	let-7 Contributes to Diabetic Retinopathy but Represses Pathological Ocular Angiogenesis. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	24
12	Regulation of intraocular pressure by microRNA cluster miR-143/145. <i>Scientific Reports</i> , 2017, 7, 915.	3.3	32
13	A chronological study of the bacterial pathogen changes in acute neonatal bacterial conjunctivitis in southern China. <i>BMC Ophthalmology</i> , 2017, 17, 174.	1.4	11
14	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
15	NLRP3 Upregulation in Retinal Pigment Epithelium in Age-Related Macular Degeneration. <i>International Journal of Molecular Sciences</i> , 2016, 17, 73.	4.1	54
16	Requirement of Smad4 from Ocular Surface Ectoderm for Retinal Development. <i>PLoS ONE</i> , 2016, 11, e0159639.	2.5	6
17	Protective effects of bestatin in the retina of streptozotocin-induced diabetic mice. <i>Experimental Eye Research</i> , 2016, 149, 100-106.	2.6	18
18	Strand and Cell Type-specific Function of microRNA-126 in Angiogenesis. <i>Molecular Therapy</i> , 2016, 24, 1823-1835.	8.2	53

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19	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.	3.1	125
20	Iris ultrastructure in patients with synechiae as revealed by in vivo laser scanning confocal microscopy. <i>BMC Ophthalmology</i> , 2016, 16, 46.	1.4	2
21	Current therapeutic developments in atrophic age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2016, 100, 122-127.	3.9	65
22	Overexpression and knockout of miR-126 both promote leukemogenesis. <i>Blood</i> , 2015, 126, 2005-2015.	1.4	65
23	Phosphatidylserine (PS) Is Exposed in Choroidal Neovascular Endothelium: PS-Targeting Antibodies Inhibit Choroidal Angiogenesis In Vivo and Ex Vivo. , 2015, 56, 7137.		10
24	4-Acetoxyphenol Prevents RPE Oxidative Stress-Induced Necrosis by Functioning as an NRF2 Stabilizer. , 2015, 56, 5048.		35
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.	3.4	26
26	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.	2.3	23
27	RPE necroptosis in response to oxidative stress and in AMD. <i>Ageing Research Reviews</i> , 2015, 24, 286-298.	10.9	186
28	Overexpression and Knockout of Mir-126 Both Promote Leukemogenesis through Targeting Distinct Gene Signaling. <i>Blood</i> , 2015, 126, 3667-3667.	1.4	1
29	MicroRNA-126-5p promotes endothelial proliferation and limits atherosclerosis by suppressing Dlk1. <i>Nature Medicine</i> , 2014, 20, 368-376.	30.7	527
30	Repression of Choroidal Neovascularization Through Actin Cytoskeleton Pathways by MicroRNA-24. <i>Molecular Therapy</i> , 2014, 22, 378-389.	8.2	55
31	An Alkali-burn Injury Model of Corneal Neovascularization in the Mouse. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	48
32	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.	4.6	28
33	Pharmaceutical composition for treating macular degeneration (WO2012079419). <i>Expert Opinion on Therapeutic Patents</i> , 2013, 23, 269-272.	5.0	57
34	miRNAs as potential therapeutic targets for age-related macular degeneration. <i>Future Medicinal Chemistry</i> , 2012, 4, 277-287.	2.3	59
35	Keep your eyes open: challenges and opportunities in ophthalmic therapeutics. <i>Future Medicinal Chemistry</i> , 2012, 4, 2119-2121.	2.3	0
36	Next-generation therapeutic solutions for age-related macular degeneration. <i>Pharmaceutical Patent Analyst</i> , 2012, 1, 193-206.	1.1	7

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37	Regulation of angiogenesis and choroidal neovascularization by members of microRNA-23â ¹ / ₄ 27â ¹ / ₄ 24 clusters. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8287-8292.	7.1	307
38	AngiomiRsâ€”Key regulators of angiogenesis. Current Opinion in Genetics and Development, 2009, 19, 205-211.	3.3	409
39	The Endothelial-Specific MicroRNA miR-126 Governs Vascular Integrity and Angiogenesis. Developmental Cell, 2008, 15, 261-271.	7.0	1,630
40	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, 7738-7743.	7.1	208
41	Polycomblike-2-deficient mice exhibit normal leftâ€”right asymmetry. Developmental Dynamics, 2007, 236, 853-861.	1.8	33
42	Chick<i>Pcl2</i> regulates the left-right asymmetry by repressing<i>Shh</i> expression in Hensen's node. Development (Cambridge), 2004, 131, 4381-4391.	2.5	32
43	Role of Mitochondria in Retinal Pigment Epithelial Aging and Degeneration. Frontiers in Aging, 0, 3, .	2.6	23