Qin Jiang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62 papers	2,384 citations	26 h-index	48 g-index
66 ext. papers	2,888 ext. citations	6.5 avg, IF	4.95 L-index

#	Paper	IF	Citations
62	Targeting long noncoding RNA-AQP4-AS1 for the treatment of retinal neurovascular dysfunction in diabetes mellitus.. *EBioMedicine*, **2022**, 77, 103857	8.8	1
61	METTL3-mediated -methyladenosine modification governs pericyte dysfunction during diabetes-induced retinal vascular complication.. *Theranostics*, **2022**, 12, 277-289	12.1	2
60	Long Non-Coding RNA PNKY Modulates the Development of Choroidal Neovascularization.. *Frontiers in Cell and Developmental Biology*, **2022**, 10, 836031	5.7	
59	Efficacy of Navigated Laser Photocoagulation for Chronic Central Serous Chorioretinopathy: A Retrospective Observational Study.. *Disease Markers*, **2022**, 2022, 7792291	3.2	0
58	Suppression of choroidal neovascularization by silencing of long non-coding RNA IPW. *Aging*, **2021**, 13, 10584-10602	5.6	2
57	CircRNA expression profile and functional analysis in retinal ischemia-reperfusion injury. *Genomics*, **2021**, 113, 1482-1490	4.3	0
56	A small molecular multi-targeting tyrosine kinase inhibitor, anlotinib, inhibits pathological ocular neovascularization. *Biomedicine and Pharmacotherapy*, **2021**, 138, 111493	7.5	5
55	Automated segmentation of macular edema for the diagnosis of ocular disease using deep learning method. *Scientific Reports*, **2021**, 11, 13392	4.9	4
54	MAFG-driven osteosarcoma cell progression is inhibited by a novel miRNA miR-4660. *Molecular Therapy - Nucleic Acids*, **2021**, 24, 385-402	10.7	8
53	Identification of aberrantly expressed circular RNAs in hyperlipidemia-induced retinal vascular dysfunction in mice. *Genomics*, **2021**, 113, 593-600	4.3	0
52	The histone acetyltransferase HBO1 functions as a novel oncogenic gene in osteosarcoma. *Theranostics*, **2021**, 11, 4599-4615	12.1	9
51	Retina as a window to cerebral dysfunction following studies with circRNA signature during neurodegeneration. *Theranostics*, **2021**, 11, 1814-1827	12.1	4
50	A Joint Model for Macular Edema Analysis in Optical Coherence Tomography Images Based on Image Enhancement and Segmentation. *BioMed Research International*, **2021**, 2021, 6679556	3	1
49	Endothelium-derived Cdk5 deficit aggravates air pollution-induced peripheral vasoconstriction through ATR upregulation. *Ecotoxicology and Environmental Safety*, **2021**, 219, 112314	7	0
48	Requirement of G1 and G3 in interleukin-4-induced signaling, macrophage M2 polarization and allergic asthma response. *Theranostics*, **2021**, 11, 4894-4909	12.1	13
47	Differential MicroRNA Expression Pattern in Endothelial Progenitor Cells During Diabetic Retinopathy.. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 773050	5.7	0
46	Circular RNA-ZBTB44 regulates the development of choroidal neovascularization. *Theranostics*, **2020**, 10, 3293-3307	12.1	10

45	Osthole: A Traditional Chinese Medicine for Ocular Anti-Angiogenic Therapy. *Ophthalmic Research*, **2020**, 63, 483-490	2.9	0
44	The Nrf2 activator MIND4-17 protects retinal ganglion cells from high glucose-induced oxidative injury. *Journal of Cellular Physiology*, **2020**, 235, 7204-7213	7	8
43	SKLB1002, a potent inhibitor of VEGF receptor 2 signaling, inhibits endothelial angiogenic function in□vitro and ocular angiogenesis in□vivo. *Molecular Medicine Reports*, **2020**, 21, 2571-2579	2.9	1
42	Oxygen glucose deprivation/re-oxygenation-induced neuronal cell death is associated with Lnc-D63785 m6A methylation and miR-422a accumulation. *Cell Death and Disease*, **2020**, 11, 816	9.8	12
41	Application of the SMILE-derived lenticule in therapeutic keratoplasty. *International Ophthalmology* , **2020**, 40, 689-695	2.2	2
40	Role of METTL3-Dependent N-Methyladenosine mRNA Modification in the Promotion of Angiogenesis. *Molecular Therapy*, **2020**, 28, 2191-2202	11.7	29
39	Targeting cullin 3 by miR-601 activates Nrf2 signaling to protect retinal pigment epithelium cells from hydrogen peroxide. *Biochemical and Biophysical Research Communications*, **2019**, 515, 679-687	3.4	19
38	microRNA-4532 inhibition protects human lens epithelial cells from ultra-violet-induced oxidative injury via activating SIRT6-Nrf2 signaling. *Biochemical and Biophysical Research Communications*, **2019**, 514, 777-784	3.4	6
37	Mesoporous silica nanoparticles as a delivery system for improving antiangiogenic therapy. *International Journal of Nanomedicine*, **2019**, 14, 1489-1501	7.3	38
36	Targeting pericyte-endothelial cell crosstalk by circular RNA-cPWWP2A inhibition aggravates diabetes-induced microvascular dysfunction. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 7455-7464	11.5	100
35	Targeting Keap1 by miR-626 protects retinal pigment epithelium cells from oxidative injury by activating Nrf2 signaling. *Free Radical Biology and Medicine*, **2019**, 143, 387-396	7.8	22
34	The role of mechanical stretch and TGF-□ in epithelial-mesenchymal transition of retinal pigment epithelial cells. *International Journal of Ophthalmology*, **2019**, 12, 1832-1838	1.4	11
33	Microarray Analysis of circRNA Expression Pattern in Corneal Neovascularization. *Cornea*, **2019**, 38, 1443-1449	3.1	4
32	Comprehensive circular RNA profiling of proliferative vitreoretinopathy and its clinical significance. *Biomedicine and Pharmacotherapy*, **2019**, 111, 548-554	7.5	8
31	Antidepression action of BDNF requires and is mimicked by G□1/3 expression in the hippocampus. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E3549-E3558	11.5	24
30	Activation of Nrf2 by Ginsenoside Rh3 protects retinal pigment epithelium cells and retinal ganglion cells from UV. *Free Radical Biology and Medicine*, **2018**, 117, 238-246	7.8	35
29	Long non-coding RNA MEG3 silencing protects against light-induced retinal degeneration. *Biochemical and Biophysical Research Communications*, **2018**, 496, 1236-1242	3.4	19
28	Activation of KGFR-Akt-mTOR-Nrf2 signaling protects human retinal pigment epithelium cells from Ultra-violet. *Biochemical and Biophysical Research Communications*, **2018**, 495, 2171-2177	3.4	29

27	Inhibition of HHIP Promoter Methylation Suppresses Human Gastric Cancer Cell Proliferation and Migration. *Cellular Physiology and Biochemistry*, **2018**, 45, 1840-1850	3.9	20
26	Gefitinib inhibits retina angiogenesis by affecting VEGF signaling pathway. *Biomedicine and Pharmacotherapy*, **2018**, 102, 115-119	7.5	10
25	Ginsenoside Rh2 inhibits vascular endothelial growth factor-induced corneal neovascularization. *FASEB Journal*, **2018**, 32, 3782-3791	0.9	15
24	MicroRNA-29a-3p Downregulation Causes Gab1 Upregulation to Promote Glioma Cell Proliferation. *Cellular Physiology and Biochemistry*, **2018**, 48, 450-460	3.9	16
23	G1 and G3mediate VEGF-induced VEGFR2 endocytosis, signaling and angiogenesis. *Theranostics* , **2018**, 8, 4695-4709	12.1	32
22	Effect of nanoencapsulation using poly (lactide-co-glycolide) (PLGA) on anti-angiogenic activity of bevacizumab for ocular angiogenesis therapy. *Biomedicine and Pharmacotherapy*, **2018**, 107, 1056-1063	7.5	27
21	Identification and Characterization of Circular RNAs as a New Class of Putative Biomarkers in Diabetes Retinopathy **2017**, 58, 6500-6509		110
20	Silencing Of Circular RNA-ZNF609 Ameliorates Vascular Endothelial Dysfunction. *Theranostics*, **2017** , 7, 2863-2877	12.1	156
19	miRNA-141 attenuates UV-induced oxidative stress via activating Keap1-Nrf2 signaling in human retinal pigment epithelium cells and retinal ganglion cells. *Oncotarget*, **2017**, 8, 13186-13194	3.3	60
18	Long Noncoding RNA-GAS5: A Novel Regulator of Hypertension-Induced Vascular Remodeling. *Hypertension*, **2016**, 68, 736-48	8.5	118
17	3H-1,2-dithiole-3-thione protects retinal pigment epithelium cells against Ultra-violet radiation via activation of Akt-mTORC1-dependent Nrf2-HO-1 signaling. *Scientific Reports*, **2016**, 6, 25525	4.9	61
16	SC79 protects retinal pigment epithelium cells from UV radiation via activating Akt-Nrf2 signaling. *Oncotarget*, **2016**, 7, 60123-60132	3.3	75
15	Long non-coding RNA-MIAT promotes neurovascular remodeling in the eye and brain. *Oncotarget*, **2016**, 7, 49688-49698	3.3	74
14	Piezo2 protein: A novel regulator of tumor angiogenesis and hyperpermeability. *Oncotarget*, **2016**, 7, 44630-44643	3.3	30
13	Identification of Potential Biomarkers for Rhegmatogenous Retinal Detachment Associated with Choroidal Detachment by Vitreous iTRAQ-Based Proteomic Profiling. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	11
12	Long non-coding RNA MALAT1 regulates retinal neurodegeneration through CREB signaling. *EMBO Molecular Medicine*, **2016**, 8, 346-62	12	66
11	Role of long non-coding RNA MIAT in proliferation, apoptosis and migration of lens epithelial cells: a clinical and in vitro study. *Journal of Cellular and Molecular Medicine*, **2016**, 20, 537-48	5.6	98
10	C6 ceramide dramatically increases vincristine sensitivity both in vivo and in vitro, involving AMP-activated protein kinase-p53 signaling. *Carcinogenesis*, **2015**, 36, 1061-70	4.6	45

9	Requirement of GⅡ1/3-Gab1 signaling complex for keratinocyte growth factor-induced PI3K-AKT-mTORC1 activation. *Journal of Investigative Dermatology*, **2015**, 135, 181-191	4.3	73
8	Identification and characterization of proliferative retinopathy-related long noncoding RNAs. *Biochemical and Biophysical Research Communications*, **2015**, 465, 324-30	3.4	28
7	Lenalidomide, an anti-tumor drug, regulates retinal endothelial cell function: Implication for treating ocular neovascular disorder. *Biochemical and Biophysical Research Communications*, **2015**, 465, 678-84	3.4	6
6	lncRNA-MIAT regulates microvascular dysfunction by functioning as a competing endogenous RNA. *Circulation Research*, **2015**, 116, 1143-56	15.7	458
5	Salvianolic acid A protects RPE cells against oxidative stress through activation of Nrf2/HO-1 signaling. *Free Radical Biology and Medicine*, **2014**, 69, 219-28	7.8	189
4	Alpha-melanocyte stimulating hormone protects retinal pigment epithelium cells from oxidative stress through activation of melanocortin 1 receptor-Akt-mTOR signaling. *Biochemical and Biophysical Research Communications*, **2014**, 443, 447-52	3.4	36
3	MEK/ERK pathway mediates UVB-induced AQP1 downregulation and water permeability impairment in human retinal pigment epithelial cells. *International Journal of Molecular Medicine*, **2009**, 23, 771-7	4.4	46
2	EGF-induced cell migration is mediated by ERK and PI3K/AKT pathways in cultured human lens epithelial cells. *Journal of Ocular Pharmacology and Therapeutics*, **2006**, 22, 93-102	2.6	70
1	UV radiation down-regulates Dsg-2 via Rac/NADPH oxidase-mediated generation of ROS in human lens epithelial cells. *International Journal of Molecular Medicine*, **2006**, 18, 381-7	4.4	26