

List of Publications by Citations

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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	lncRNA-MIAT regulates microvascular dysfunction by functioning as a competing endogenous RNA. <i>Circulation Research</i> , 2015 , 116, 1143-56	15.7	458
61	Salvianolic acid A protects RPE cells against oxidative stress through activation of Nrf2/HO-1 signaling. <i>Free Radical Biology and Medicine</i> , 2014 , 69, 219-28	7.8	189
60	Silencing Of Circular RNA-ZNF609 Ameliorates Vascular Endothelial Dysfunction. <i>Theranostics</i> , 2017 , 7, 2863-2877	12.1	156
59	Long Noncoding RNA-GAS5: A Novel Regulator of Hypertension-Induced Vascular Remodeling. <i>Hypertension</i> , 2016 , 68, 736-48	8.5	118
58	Identification and Characterization of Circular RNAs as a New Class of Putative Biomarkers in Diabetes Retinopathy 2017 , 58, 6500-6509		110
57	Targeting pericyte-endothelial cell crosstalk by circular RNA-cPWWP2A inhibition aggravates diabetes-induced microvascular dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 7455-7464	11.5	100
56	Role of long non-coding RNA MIAT in proliferation, apoptosis and migration of lens epithelial cells: a clinical and in vitro study. <i>Journal of Cellular and Molecular Medicine</i> , 2016 , 20, 537-48	5.6	98
55	SC79 protects retinal pigment epithelium cells from UV radiation via activating Akt-Nrf2 signaling. <i>Oncotarget</i> , 2016 , 7, 60123-60132	3.3	75
54	Long non-coding RNA-MIAT promotes neurovascular remodeling in the eye and brain. <i>Oncotarget</i> , 2016 , 7, 49688-49698	3.3	74
53	Requirement of G13-Gab1 signaling complex for keratinocyte growth factor-induced PI3K-AKT-mTORC1 activation. <i>Journal of Investigative Dermatology</i> , 2015 , 135, 181-191	4.3	73
52	EGF-induced cell migration is mediated by ERK and PI3K/AKT pathways in cultured human lens epithelial cells. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2006 , 22, 93-102	2.6	70
51	Long non-coding RNA MALAT1 regulates retinal neurodegeneration through CREB signaling. <i>EMBO Molecular Medicine</i> , 2016 , 8, 346-62	12	66
50	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. <i>Scientific Reports</i> , 2016 , 6, 25525	4.9	61
49	miRNA-141 attenuates UV-induced oxidative stress via activating Keap1-Nrf2 signaling in human retinal pigment epithelium cells and retinal ganglion cells. <i>Oncotarget</i> , 2017 , 8, 13186-13194	3.3	60
48	MEK/ERK pathway mediates UVB-induced AQP1 downregulation and water permeability impairment in human retinal pigment epithelial cells. <i>International Journal of Molecular Medicine</i> , 2009 , 23, 771-7	4.4	46
47	C6 ceramide dramatically increases vincristine sensitivity both in vivo and in vitro, involving AMP-activated protein kinase-p53 signaling. <i>Carcinogenesis</i> , 2015 , 36, 1061-70	4.6	45
46	Mesoporous silica nanoparticles as a delivery system for improving antiangiogenic therapy. <i>International Journal of Nanomedicine</i> , 2019 , 14, 1489-1501	7.3	38

45	Alpha-melanocyte stimulating hormone protects retinal pigment epithelium cells from oxidative stress through activation of melanocortin 1 receptor-Akt-mTOR signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 443, 447-52	3.4	36
44	Activation of Nrf2 by Ginsenoside Rh3 protects retinal pigment epithelium cells and retinal ganglion cells from UV. <i>Free Radical Biology and Medicine</i> , 2018 , 117, 238-246	7.8	35
43	Gli3 and Gli3 mediate VEGF-induced VEGFR2 endocytosis, signaling and angiogenesis. <i>Theranostics</i> , 2018 , 8, 4695-4709	12.1	32
42	Piezo2 protein: A novel regulator of tumor angiogenesis and hyperpermeability. <i>Oncotarget</i> , 2016 , 7, 44630-44643	3.3	30
41	Activation of KGFR-Akt-mTOR-Nrf2 signaling protects human retinal pigment epithelium cells from Ultra-violet. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 495, 2171-2177	3.4	29
40	Role of METTL3-Dependent N-Methyladenosine mRNA Modification in the Promotion of Angiogenesis. <i>Molecular Therapy</i> , 2020 , 28, 2191-2202	11.7	29
39	Identification and characterization of proliferative retinopathy-related long noncoding RNAs. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 465, 324-30	3.4	28
38	Effect of nanoencapsulation using poly (lactide-co-glycolide) (PLGA) on anti-angiogenic activity of bevacizumab for ocular angiogenesis therapy. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 107, 1056-1063	7.5	27
37	UV radiation down-regulates Dsg-2 via Rac/NADPH oxidase-mediated generation of ROS in human lens epithelial cells. <i>International Journal of Molecular Medicine</i> , 2006 , 18, 381-7	4.4	26
36	Antidepressant action of BDNF requires and is mimicked by Gli3/3 expression in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E3549-E3558	11.5	24
35	Targeting Keap1 by miR-626 protects retinal pigment epithelium cells from oxidative injury by activating Nrf2 signaling. <i>Free Radical Biology and Medicine</i> , 2019 , 143, 387-396	7.8	22
34	Inhibition of HHIP Promoter Methylation Suppresses Human Gastric Cancer Cell Proliferation and Migration. <i>Cellular Physiology and Biochemistry</i> , 2018 , 45, 1840-1850	3.9	20
33	Targeting cullin 3 by miR-601 activates Nrf2 signaling to protect retinal pigment epithelium cells from hydrogen peroxide. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 515, 679-687	3.4	19
32	Long non-coding RNA MEG3 silencing protects against light-induced retinal degeneration. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 496, 1236-1242	3.4	19
31	MicroRNA-29a-3p Downregulation Causes Gab1 Upregulation to Promote Glioma Cell Proliferation. <i>Cellular Physiology and Biochemistry</i> , 2018 , 48, 450-460	3.9	16
30	Ginsenoside Rh2 inhibits vascular endothelial growth factor-induced corneal neovascularization. <i>FASEB Journal</i> , 2018 , 32, 3782-3791	0.9	15
29	Requirement of Gli3 and Gli3 in interleukin-4-induced signaling, macrophage M2 polarization and allergic asthma response. <i>Theranostics</i> , 2021 , 11, 4894-4909	12.1	13
28	Oxygen glucose deprivation/re-oxygenation-induced neuronal cell death is associated with Lnc-D63785 m6A methylation and miR-422a accumulation. <i>Cell Death and Disease</i> , 2020 , 11, 816	9.8	12

27	The role of mechanical stretch and TGF- β in epithelial-mesenchymal transition of retinal pigment epithelial cells. <i>International Journal of Ophthalmology</i> , 2019 , 12, 1832-1838	1.4	11
26	Identification of Potential Biomarkers for Rhegmatogenous Retinal Detachment Associated with Choroidal Detachment by Vitreous iTRAQ-Based Proteomic Profiling. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	11
25	Circular RNA-ZBTB44 regulates the development of choroidal neovascularization. <i>Theranostics</i> , 2020 , 10, 3293-3307	12.1	10
24	Gefitinib inhibits retina angiogenesis by affecting VEGF signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 102, 115-119	7.5	10
23	The histone acetyltransferase HBO1 functions as a novel oncogenic gene in osteosarcoma. <i>Theranostics</i> , 2021 , 11, 4599-4615	12.1	9
22	The Nrf2 activator MIND4-17 protects retinal ganglion cells from high glucose-induced oxidative injury. <i>Journal of Cellular Physiology</i> , 2020 , 235, 7204-7213	7	8
21	MAFG-driven osteosarcoma cell progression is inhibited by a novel miRNA miR-4660. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 24, 385-402	10.7	8
20	Comprehensive circular RNA profiling of proliferative vitreoretinopathy and its clinical significance. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 111, 548-554	7.5	8
19	microRNA-4532 inhibition protects human lens epithelial cells from ultra-violet-induced oxidative injury via activating SIRT6-Nrf2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 514, 777-784	3.4	6
18	Lenalidomide, an anti-tumor drug, regulates retinal endothelial cell function: Implication for treating ocular neovascular disorder. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 465, 678-84	3.4	6
17	A small molecular multi-targeting tyrosine kinase inhibitor, anlotinib, inhibits pathological ocular neovascularization. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 138, 111493	7.5	5
16	Automated segmentation of macular edema for the diagnosis of ocular disease using deep learning method. <i>Scientific Reports</i> , 2021 , 11, 13392	4.9	4
15	Microarray Analysis of circRNA Expression Pattern in Corneal Neovascularization. <i>Cornea</i> , 2019 , 38, 1443-1449	3.1	4
14	Retina as a window to cerebral dysfunction following studies with circRNA signature during neurodegeneration. <i>Theranostics</i> , 2021 , 11, 1814-1827	12.1	4
13	METTL3-mediated -methyladenosine modification governs pericyte dysfunction during diabetes-induced retinal vascular complication.. <i>Theranostics</i> , 2022 , 12, 277-289	12.1	2
12	Application of the SMILE-derived lenticule in therapeutic keratoplasty. <i>International Ophthalmology</i> , 2020 , 40, 689-695	2.2	2
11	Suppression of choroidal neovascularization by silencing of long non-coding RNA IPW. <i>Aging</i> , 2021 , 13, 10584-10602	5.6	2
10	Targeting long noncoding RNA-AQP4-AS1 for the treatment of retinal neurovascular dysfunction in diabetes mellitus.. <i>EBioMedicine</i> , 2022 , 77, 103857	8.8	1

9	SKLB1002, a potent inhibitor of VEGF receptor 2 signaling, inhibits endothelial angiogenic function in vitro and ocular angiogenesis in vivo. <i>Molecular Medicine Reports</i> , 2020 , 21, 2571-2579	2.9	1
8	A Joint Model for Macular Edema Analysis in Optical Coherence Tomography Images Based on Image Enhancement and Segmentation. <i>BioMed Research International</i> , 2021 , 2021, 6679556	3	1
7	Osthole: A Traditional Chinese Medicine for Ocular Anti-Angiogenic Therapy. <i>Ophthalmic Research</i> , 2020 , 63, 483-490	2.9	0
6	CircRNA expression profile and functional analysis in retinal ischemia-reperfusion injury. <i>Genomics</i> , 2021 , 113, 1482-1490	4.3	0
5	Identification of aberrantly expressed circular RNAs in hyperlipidemia-induced retinal vascular dysfunction in mice. <i>Genomics</i> , 2021 , 113, 593-600	4.3	0
4	Endothelium-derived Cdk5 deficit aggravates air pollution-induced peripheral vasoconstriction through ATR upregulation. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 219, 112314	7	0
3	Differential MicroRNA Expression Pattern in Endothelial Progenitor Cells During Diabetic Retinopathy.. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 773050	5.7	0
2	Efficacy of Navigated Laser Photocoagulation for Chronic Central Serous Chorioretinopathy: A Retrospective Observational Study.. <i>Disease Markers</i> , 2022 , 2022, 7792291	3.2	0
1	Long Non-Coding RNA PNKY Modulates the Development of Choroidal Neovascularization.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 836031	5.7	