

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.

45
papers

2,043
citations

24
h-index

45
g-index

47
ext. papers

2,418
ext. citations

6.3
avg, IF

4.67
L-index

#	Paper	IF	Citations
45	lncRNA-MIAT regulates microvascular dysfunction by functioning as a competing endogenous RNA. <i>Circulation Research</i> , 2015 , 116, 1143-56	15.7	458
44	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
43	Silencing Of Circular RNA-ZNF609 Ameliorates Vascular Endothelial Dysfunction. <i>Theranostics</i> , 2017 , 7, 2863-2877	12.1	156
42	Long Noncoding RNA-GAS5: A Novel Regulator of Hypertension-Induced Vascular Remodeling. <i>Hypertension</i> , 2016 , 68, 736-48	8.5	118
41	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
40	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
39	Long non-coding RNA-MIAT promotes neurovascular remodeling in the eye and brain. <i>Oncotarget</i> , 2016 , 7, 49688-49698	3.3	74
38	Long non-coding RNA MALAT1 regulates retinal neurodegeneration through CREB signaling. <i>EMBO Molecular Medicine</i> , 2016 , 8, 346-62	12	66
37	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
36	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
35	Ultraviolet (UV) and hydrogen peroxide activate ceramide-ER stress-AMPK signaling axis to promote retinal pigment epithelium (RPE) cell apoptosis. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 10355-68	6.3	58
34	Ginsenoside Rg-1 protects retinal pigment epithelium (RPE) cells from cobalt chloride (CoCl ₂) and hypoxia assaults. <i>PLoS ONE</i> , 2013 , 8, e84171	3.7	43
33	Rapamycin sensitive mTOR activation mediates nerve growth factor (NGF) induced cell migration and pro-survival effects against hydrogen peroxide in retinal pigment epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 414, 499-505	3.4	39
32	UVB radiation induces human lens epithelial cell migration via NADPH oxidase-mediated generation of reactive oxygen species and up-regulation of matrix metalloproteinases. <i>International Journal of Molecular Medicine</i> , 2009 , 24, 153-9	4.4	39
31	Regulation of autophagy by high glucose in human retinal pigment epithelium. <i>Cellular Physiology and Biochemistry</i> , 2014 , 33, 107-16	3.9	38
30	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
29	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

28	Epigallocatechin-gallate (EGCG) regulates autophagy in human retinal pigment epithelial cells: a potential role for reducing UVB light-induced retinal damage. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 438, 739-45	3.4	34
27	Gli and Gbmediate VEGF-induced VEGFR2 endocytosis, signaling and angiogenesis. <i>Theranostics</i> , 2018 , 8, 4695-4709	12.1	32
26	Piezo2 protein: A novel regulator of tumor angiogenesis and hyperpermeability. <i>Oncotarget</i> , 2016 , 7, 44630-44643	3.3	30
25	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
24	Role of METTL3-Dependent N-Methyladenosine mRNA Modification in the Promotion of Angiogenesis. <i>Molecular Therapy</i> , 2020 , 28, 2191-2202	11.7	29
23	Identification and characterization of proliferative retinopathy-related long noncoding RNAs. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 465, 324-30	3.4	28
22	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
21	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
20	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
19	Tumor necrosis factor-alpha (TNF- α) mediated in vitro human retinal pigment epithelial (RPE) cell migration mainly requires Akt/mTOR complex 1 (mTORC1), but not mTOR complex 2 (mTORC2) signaling. <i>European Journal of Cell Biology</i> , 2012 , 91, 728-37	6.1	17
18	TNF- α promotes human retinal pigment epithelial (RPE) cell migration by inducing matrix metalloproteinase 9 (MMP-9) expression through activation of Akt/mTORC1 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 425, 33-8	3.4	16
17	Ginsenoside Rh2 inhibits vascular endothelial growth factor-induced corneal neovascularization. <i>FASEB Journal</i> , 2018 , 32, 3782-3791	0.9	15
16	Identification of differentially expressed genes and functional annotations associated with metastases of the uveal melanoma. <i>Journal of Cellular Biochemistry</i> , 2019 , 120, 19202-19214	4.7	13
15	Gefitinib inhibits retina angiogenesis by affecting VEGF signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 102, 115-119	7.5	10
14	LncRNA PINK1-AS promotes Gli-driven gastric cancer tumorigenesis by sponging microRNA-200a. <i>Oncogene</i> , 2021 , 40, 3826-3844	9.2	10
13	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
12	Comprehensive circular RNA profiling of proliferative vitreoretinopathy and its clinical significance. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 111, 548-554	7.5	8
11	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

10	Neurologin-3 protects retinal cells from HO-induced cell death via activation of Nrf2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 502, 166-172	3.4	6
9	A small molecular multi-targeting tyrosine kinase inhibitor, anlotinib, inhibits pathological ocular neovascularization. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 138, 111493	7.5	5
8	Microarray Analysis of circRNA Expression Pattern in Corneal Neovascularization. <i>Cornea</i> , 2019 , 38, 1443-1449	3.1	4
7	METTL3-mediated -methyladenosine modification governs pericyte dysfunction during diabetes-induced retinal vascular complication.. <i>Theranostics</i> , 2022 , 12, 277-289	12.1	2
6	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
5	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
4	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
3	The sphingosine kinase inhibitor SKI-V suppresses cervical cancer cell growth.. <i>International Journal of Biological Sciences</i> , 2022 , 18, 2994-3005	11.2	1
2	Identification of aberrantly expressed circular RNAs in hyperlipidemia-induced retinal vascular dysfunction in mice. <i>Genomics</i> , 2021 , 113, 593-600	4.3	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	