

Jin Yao

List of Publications by Year in descending order

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46
papers

2,782
citations

218381

26
h-index

223531

46
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all docs

47
docs citations

47
times ranked

3697
citing authors

#	ARTICLE	IF	CITATIONS
1	lncRNA-MIAT Regulates Microvascular Dysfunction by Functioning as a Competing Endogenous RNA. <i>Circulation Research</i> , 2015, 116, 1143-1156.	2.0	557
2	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, 219-228.	1.3	222
3	Silencing Of Circular RNA-ZNF609 Ameliorates Vascular Endothelial Dysfunction. <i>Theranostics</i> , 2017, 7, 2863-2877.	4.6	213
4	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.	3.3	163
5	Long Noncoding RNA-GAS5. <i>Hypertension</i> , 2016, 68, 736-748.	1.3	142
6	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, 537-548.	1.6	111
7	Long non-coding RNA MALAT1 regulates retinal neurodegeneration through CREB signaling. <i>EMBO Molecular Medicine</i> , 2016, 8, 346-362.	3.3	99
8	Long non-coding RNA-MIAT promotes neurovascular remodeling in the eye and brain. <i>Oncotarget</i> , 2016, 7, 49688-49698.	0.8	86
9	Role of METTL3-Dependent N6-Methyladenosine mRNA Modification in the Promotion of Angiogenesis. <i>Molecular Therapy</i> , 2020, 28, 2191-2202.	3.7	78
10	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.	1.6	74
11	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.	0.8	73
12	GÎ±1 and GÎ±3 mediate VEGF-induced VEGFR2 endocytosis, signaling and angiogenesis. <i>Theranostics</i> , 2018, 8, 4695-4709.	4.6	70
13	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, 10355-10368.	1.8	65
14	Regulation of Autophagy by High Glucose in Human Retinal Pigment Epithelium. <i>Cellular Physiology and Biochemistry</i> , 2014, 33, 107-116.	1.1	50
15	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.	2.5	49
16	Ginsenoside Rg-1 Protects Retinal Pigment Epithelium (RPE) Cells from Cobalt Chloride (CoCl2) and Hypoxia Assaults. <i>PLoS ONE</i> , 2013, 8, e84171.	1.1	47
17	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, 447-452.	1.0	47
18	Piezo2 protein: A novel regulator of tumor angiogenesis and hyperpermeability. <i>Oncotarget</i> , 2016, 7, 44630-44643.	0.8	45

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19	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.	1.8	43
20	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.	1.0	42
21	METTL3-mediated N^6 -methyladenosine modification governs pericyte dysfunction during diabetes-induced retinal vascular complication. <i>Theranostics</i> , 2022, 12, 277-289.	4.6	42
22	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.	1.3	41
23	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, 739-745.	1.0	39
24	Identification and characterization of proliferative retinopathy-related long noncoding RNAs. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 324-330.	1.0	38
25	Activation of KGF-R-Akt-mTOR-Nrf2 signaling protects human retinal pigment epithelium cells from Ultra-violet. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 2171-2177.	1.0	37
26	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.	1.3	35
27	Ginsenoside Rh2 inhibits vascular endothelial growth factor-induced corneal neovascularization. <i>FASEB Journal</i> , 2018, 32, 3782-3791.	0.2	27
28	LncRNA PINK1-AS promotes $G\beta 1$ -driven gastric cancer tumorigenesis by sponging microRNA-200a. <i>Oncogene</i> , 2021, 40, 3826-3844.	2.6	27
29	Long non-coding RNA MEG3 silencing protects against light-induced retinal degeneration. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 1236-1242.	1.0	26
30	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, 33-38.	1.0	23
31	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, 728-737.	1.6	23
32	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.	1.2	20
33	Targeting long noncoding RNA-AQP4-AS1 for the treatment of retinal neurovascular dysfunction in diabetes mellitus. <i>EBioMedicine</i> , 2022, 77, 103857.	2.7	19
34	Comprehensive circular RNA profiling of proliferative vitreoretinopathy and its clinical significance. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 548-554.	2.5	17
35	The requirement of phosphoenolpyruvate carboxykinase 1 for angiogenesis in vitro and in vivo. <i>Science Advances</i> , 2022, 8, .	4.7	16
36	Gefitinib inhibits retina angiogenesis by affecting VEGF signaling pathway. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 115-119.	2.5	12

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37	The Nrf2 activator MIND4 protects retinal ganglion cells from high glucose-induced oxidative injury. <i>Journal of Cellular Physiology</i> , 2020, 235, 7204-7213.	2.0	12
38	A small molecular multi-targeting tyrosine kinase inhibitor, anlotinib, inhibits pathological ocular neovascularization. <i>Biomedicine and Pharmacotherapy</i> , 2021, 138, 111493.	2.5	11
39	Neuroigin-3 protects retinal cells from H ₂ O ₂ -induced cell death via activation of Nrf2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018, 502, 166-172.	1.0	9
40	Microarray Analysis of circRNA Expression Pattern in Corneal Neovascularization. <i>Cornea</i> , 2019, 38, 1443-1449.	0.9	9
41	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, 678-684.	1.0	7
42	The sphingosine kinase inhibitor SKI-V suppresses cervical cancer cell growth. <i>International Journal of Biological Sciences</i> , 2022, 18, 2994-3005.	2.6	6
43	Long Non-Coding RNA PNKY Modulates the Development of Choroidal Neovascularization. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 836031.	1.8	4
44	Identification of aberrantly expressed circular RNAs in hyperlipidemia-induced retinal vascular dysfunction in mice. <i>Genomics</i> , 2021, 113, 593-600.	1.3	3
45	SKLB1002, a potent inhibitor of VEGF receptor 2 signaling, inhibits endothelial angiogenic function <i>in vitro</i> and ocular angiogenesis <i>in vivo</i> . <i>Molecular Medicine Reports</i> , 2020, 21, 2571-2579.	1.1	2
46	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, 1-9.	0.9	1