Jingfa Zhang

List of Publications by Year
in descending order

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55 papers	1,309 citations	430874 18 h-index	552781 26 g-index
58 all docs	58 docs citations	58 times ranked	1308 citing authors

#	Article	IF	Citations
1	An in vitro cell model to study microglia activation in diabetic retinopathy. Cell Biology International, 2022, 46, 129-138.	3.0	3
2	Enhancing fractalkine/CX3CR1 signalling pathway can reduce neuroinflammation by attenuating microglia activation in experimental diabetic retinopathy. Journal of Cellular and Molecular Medicine, 2022, 26, 1229-1244.	3.6	21
3	HMGB2 causes photoreceptor death via down-regulating Nrf2/HO-1 and up-regulating NF-ÎºB/NLRP3 signaling pathways in light-induced retinal degeneration model. Free Radical Biology and Medicine, 2022, 181, 14-28.	2.9	11
4	Melatonin Maintains Inner Bloodâ€“Retinal Barrier by Regulating Microglia via Inhibition of PI3K/Akt/Stat3/NF-ÎºB Signaling Pathways in Experimental Diabetic Retinopathy. Frontiers in Immunology, 2022, 13, 831660.	4.8	21
5	Glia maturation factor-Î² induces ferroptosis by impairing chaperone-mediated autophagic degradation of ACSL4 in early diabetic retinopathy. Redox Biology, 2022, 52, 102292.	9.0	48
6	Nonhomogenous Hyperreflectivity in the Choriocapillaris Layer on Optical Coherence Tomography Angiography Implies Early Treatment with Anti-VEGF for Central Serous Chorioretinopathy. Ophthalmic Research, 2022, 65, 506-515.	1.9	2
7	Neovascular Remodeling and Subretinal Fibrosis as Biomarkers for Predicting Incomplete Response to Anti-VEGF Therapy in Neovascular Age-Related Macular Degeneration. Frontiers in Bioscience, 2022, 27, 135.	2.1	1
8	Development and Validation of a Novel Metabolic Signature-Based Prognostic Model for Uveal Melanoma. Translational Vision Science and Technology, 2022, 11, 9.	2.2	2
9	TGF-Î² promotes pericyte-myofibroblast transition in subretinal fibrosis through the Smad2/3 and Akt/mTOR pathways. Experimental and Molecular Medicine, 2022, 54, 673-684.	7.7	23
10	Erythropoietin protects the inner bloodâ€“retinal barrier by inhibiting microglia phagocytosis via Src/Akt/cofilin signalling in experimental diabetic retinopathy. Diabetologia, 2021, 64, 211-225.	6.3	43
11	Melatonin maintains inner bloodâ€retinal barrier via inhibition of p38/TXNIP/NFâ€ÎºB pathway in diabetic retinopathy. Journal of Cellular Physiology, 2021, 236, 5848-5864.	4.1	30
12	Imaging Hyperreflective Foci as an Inflammatory Biomarker after Anti-VEGF Treatment in Neovascular Age-Related Macular Degeneration Patients with Optical Coherence Tomography Angiography. BioMed Research International, 2021, 2021, 1-7.	1.9	14
13	Activated microgliaâ€“induced neuroinflammatory cytokines lead to photoreceptor apoptosis in AÎ²-injected mice. Journal of Molecular Medicine, 2021, 99, 713-728.	3.9	8
14	Long noncoding RNA ERLR mediates epithelial-mesenchymal transition of retinal pigment epithelial cells and promotes experimental proliferative vitreoretinopathy. Cell Death and Differentiation, 2021, 28, 2351-2366.	11.2	23
15	Inhibition of PARP activity improves therapeutic effect of ARPE-19 transplantation in RCS rats through decreasing photoreceptor death. Experimental Eye Research, 2021, 204, 108448.	2.6	1
16	Anti-VEGF therapy prevents MÃ¼ller intracellular edema by decreasing VEGF-A in diabetic retinopathy. Eye and Vision (London, England), 2021, 8, 13.	3.0	14
17	Effectively Intervening Epithelial-Mesenchymal Transition of Retinal Pigment Epithelial Cells With a Combination of ROCK and TGF-Î² Signaling Inhibitors. , 2021, 62, 21.		10
18	Identification of novel key molecular signatures in the pathogenesis of experimental diabetic retinopathy. IUBMB Life, 2021, 73, 1307-1324.	3.4	5

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19	TRIM46 contributes to high glucose-induced ferroptosis and cell growth inhibition in human retinal capillary endothelial cells by facilitating GPX4 ubiquitination. Experimental Cell Research, 2021, 407, 112800.	2.6	71
20	Centromere protein E as a novel biomarker and potential therapeutic target for retinoblastoma. Bioengineered, 2021, 12, 5950-5970.	3.2	10
21	Optical Coherence Tomography Angiography Characteristics Serve as Retinal Vein Occlusion Therapeutic Biomarkers for Dexamethasone Intravitreal Implant. Disease Markers, 2021, 2021, 1-21.	1.3	1
22	Silencing Nogo-B improves the integrity of blood-retinal barrier in diabetic retinopathy via regulating Src, PI3K/Akt and ERK pathways. Biochemical and Biophysical Research Communications, 2021, 581, 96-102.	2.1	4
23	Glia Maturation Factor Beta as a Novel Biomarker and Therapeutic Target for Hepatocellular Carcinoma. Frontiers in Oncology, 2021, 11, 744331.	2.8	5
24	Hyperreflective Foci and Subretinal Fluid Are Potential Imaging Biomarkers to Evaluate Anti-VEGF Effect in Diabetic Macular Edema. Frontiers in Physiology, 2021, 12, 791442.	2.8	9
25	Associations of sensory impairment and cognitive function in middle-aged and older Chinese population: The China Health and Retirement Longitudinal Study. Journal of Global Health, 2021, 11, 08008.	2.7	24
26	Erythropoietin maintains VE-cadherin expression and barrier function in experimental diabetic retinopathy via inhibiting VEGF/VEGFR2/Src signaling pathway. Life Sciences, 2020, 259, 118273.	4.3	18
27	The Petri Dish-N2B27 Culture Condition Maintains RPE Phenotype by Inhibiting Cell Proliferation and mTOR Activation. Journal of Ophthalmology, 2020, 2020, 1-12.	1.3	1
28	Transplantation Site Affects the Outcomes of Adipose-Derived Stem Cell-Based Therapy for Retinal Degeneration. Stem Cells International, 2020, 2020, 1-12.	2.5	14
29	Metformin Protects ARPE-19 Cells from Glyoxal-Induced Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1740943.	4.0	7
30	Identification of two novel RHO mutations in Chinese retinitis pigmentosa patients. Experimental Eye Research, 2019, 188, 107726.	2.6	5
31	Erythropoietin protects outer bloodâ€retinal barrier in experimental diabetic retinopathy by upâ€regulating ZOâ€1 and occludin. Clinical and Experimental Ophthalmology, 2019, 47, 1182-1197.	2.6	36
32	MicroRNA-24 protects retina from degeneration in rats by down-regulating chitinase-3-like protein 1. Experimental Eye Research, 2019, 188, 107791.	2.6	14
33	The Interplay Between E-Cadherin, Connexin 43, and Zona Occludens 1 in Retinal Pigment Epithelial Cells. , 2019, 60, 5104.		14
34	miR-194 suppresses epithelial-mesenchymal transition of retinal pigment epithelial cells by directly targeting ZEB1. Annals of Translational Medicine, 2019, 7, 751-751.	1.7	23
35	Time-dependent changes in hypoxia- and gliosis-related factors in experimental diabetic retinopathy. Eye, 2019, 33, 600-609.	2.1	22
36	Protective Effects of Fucoidan on Epithelial-Mesenchymal Transition of Retinal Pigment Epithelial Cells and Progression of Proliferative Vitreoretinopathy. Cellular Physiology and Biochemistry, 2018, 46, 1704-1715.	1.6	23

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37	Regionâ€specific ischemia, neovascularization and macular oedema in treatmentâ€naÃ¯ve proliferative diabetic retinopathy. Clinical and Experimental Ophthalmology, 2018, 46, 757-766.	2.6	22
38	miR-365 promotes diabetic retinopathy through inhibiting Timp3 and increasing oxidative stress. Experimental Eye Research, 2018, 168, 89-99.	2.6	49
39	A cell culture condition that induces the mesenchymal-epithelial transition of dedifferentiated porcine retinal pigment epithelial cells. Experimental Eye Research, 2018, 177, 160-172.	2.6	15
40	The glucagon like peptide 1 analogue, exendin-4, attenuates oxidative stress-induced retinal cell death in early diabetic rats through promoting Sirt1 and Sirt3 expression. Experimental Eye Research, 2016, 151, 203-211.	2.6	46
41	Inhibitory Effect of Bone Morphogenetic Protein 4 in Retinal Pigment Epithelial-Mesenchymal Transition. Scientific Reports, 2016, 6, 32182.	3.3	22
42	OFD1, as a Ciliary Protein, Exhibits Neuroprotective Function in Photoreceptor Degeneration Models. PLoS ONE, 2016, 11, e0155860.	2.5	13
43	Erythropoietin Protects Retinal Cells in Diabetic Rats Through Upregulating ZnT8 via Activating ERK Pathway and Inhibiting HIF-1Î± Expression. , 2015, 56, 8166.		28
44	FTY720 ameliorates Dry Eye Disease in NOD mice: Involvement of leukocytes inhibition and goblet cells regeneration in ocular surface tissue. Experimental Eye Research, 2015, 138, 145-152.	2.6	13
45	Subretinal Delivery of AAV2-Mediated Human Erythropoietin Gene Is Protective and Safe in Experimental Diabetic Retinopathy. , 2014, 55, 1519.		36
46	Erythropoietin Exerts a Neuroprotective Function Against Glutamate Neurotoxicity in Experimental Diabetic Retina. Investigative Ophthalmology and Visual Science, 2014, 55, 8208-8222.	3.3	44
47	A modified histoimmunochemistry-assisted method for in situ RPE evaluation. Frontiers in Bioscience - Elite, 2012, E4, 1571.	1.8	8
48	EPO reduces reactive gliosis and stimulates neurotrophin expression in Muller cells. Frontiers in Bioscience - Elite, 2011, E3, 1541-1555.	1.8	20
49	EPO attenuates inflammatory cytokines by Muller cells in diabetic retinopathy. Frontiers in Bioscience - Elite, 2011, E3, 201-211.	1.8	24
50	Anti-VEGF effects of intravitreal erythropoietin in early diabetic retinopathy. Frontiers in Bioscience - Elite, 2010, E2, 912-927.	1.8	20
51	ERK- and Akt-Dependent Neuroprotection by Erythropoietin (EPO) against Glyoxal-AGEs via Modulation of Bcl-xL, Bax, and BAD. , 2010, 51, 35.		117
52	Selecting highly sensitive non-obese diabetic mice for improving the study of SjÃ¶grenâ€™s syndrome. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 59-66.	1.9	7
53	Study on microscope hyperspectral medical imaging method for biomedical quantitative analysis. Science Bulletin, 2008, 53, 1431-1434.	9.0	21
54	Intravitreal Injection of Erythropoietin Protects both Retinal Vascular and Neuronal Cells in Early Diabetes. , 2008, 49, 732.		223

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55	Hyperrefective foci in diabetic macular edema with subretinal fluid: association with visual outcomes after anti-VEGF treatment. Ophthalmic Research, 0, , .	1.9	0