

# Zhengqin Yin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4432467/publications.pdf>

Version: 2024-02-01

50  
papers

1,126  
citations

394421

19  
h-index

414414

32  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organoid-derived C-Kit <sup>+</sup> /SSEA4 <sup>+</sup> human retinal progenitor cells promote a protective retinal microenvironment during transplantation in rodents. <i>Nature Communications</i> , 2019, 10, 1205.	12.8	83
2	Exosomes derived from neural progenitor cells preserve photoreceptors during retinal degeneration by inactivating microglia. <i>Journal of Extracellular Vesicles</i> , 2020, 9, 1748931.	12.2	82
3	Long-term safety of human retinal progenitor cell transplantation in retinitis pigmentosa patients. <i>Stem Cell Research and Therapy</i> , 2017, 8, 209.	5.5	79
4	Human embryonic stem cell-derived retinal pigment epithelium transplants as a potential treatment for wet age-related macular degeneration. <i>Cell Discovery</i> , 2018, 4, 50.	6.7	64
5	Evaluation of the toxicity of graphene oxide exposure to the eye. <i>Nanotoxicology</i> , 2016, 10, 1329-1340.	3.0	62
6	Efficacy and Safety of Autologous Bone Marrow Mesenchymal Stem Cell Transplantation in Patients with Diabetic Retinopathy. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 40-52.	1.6	50
7	Neural stem cells transplanted to the subretinal space of rd1 mice delay retinal degeneration by suppressing microglia activation. <i>Cytherapy</i> , 2016, 18, 771-784.	0.7	47
8	Neuroprotective effect of memantine on the retinal ganglion cells of APP <sup>swe</sup> /PS1 <sup>E9</sup> mice and its immunomodulatory mechanisms. <i>Experimental Eye Research</i> , 2015, 135, 47-58.	2.6	46
9	Combined transplantation of human mesenchymal stem cells and human retinal progenitor cells into the subretinal space of RCS rats. <i>Scientific Reports</i> , 2017, 7, 199.	3.3	46
10	Study of high-throughput cell electrofusion in a microelectrode-array chip. <i>Microfluidics and Nanofluidics</i> , 2008, 5, 669-675.	2.2	34
11	Rat BMSCs initiate retinal endogenous repair through NGF/TrkA signaling. <i>Experimental Eye Research</i> , 2015, 132, 34-47.	2.6	32
12	Olfactory Ensheathing Cells Grafted Into the Retina of RCS Rats Suppress Inflammation by Down-Regulating the JAK/STAT Pathway. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 341.	3.7	30
13	c-Kit <sup>+</sup> cells isolated from human fetal retinas represent a new population of retinal progenitor cells. <i>Journal of Cell Science</i> , 2015, 128, 2169-2178.	2.0	29
14	TGF- $\beta$ 2 enhances phagocytic removal of neuron debris and neuronal survival by olfactory ensheathing cells via integrin/MFG-E8 signaling pathway. <i>Molecular and Cellular Neurosciences</i> , 2017, 85, 45-56.	2.2	29
15	Intermittent high oxygen influences the formation of neural retinal tissue from human embryonic stem cells. <i>Scientific Reports</i> , 2016, 6, 29944.	3.3	26
16	Detecting genetic variations in hereditary retinal dystrophies with next-generation sequencing technology. <i>Molecular Vision</i> , 2014, 20, 553-60.	1.1	26
17	Features specific to retinal pigment epithelium cells derived from three-dimensional human embryonic stem cell cultures as a new donor for cell therapy. <i>Oncotarget</i> , 2016, 7, 22819-22833.	1.8	24
18	PSCs Reveal PUFA-Provoked Mitochondrial Stress as a Central Node Potentiating RPE Degeneration in Bietti's Crystalline Dystrophy. <i>Molecular Therapy</i> , 2020, 28, 2642-2661.	8.2	23

#	ARTICLE	IF	CITATIONS
19	Acute retinal injury and the relationship between nerve growth factor, Notch1 transcription and short-lived dedifferentiation transient changes of mammalian M $\bar{A}$ ller cells. <i>Vision Research</i> , 2015, 110, 107-117.	1.4	20
20	Grafted c-kit+/SSEA1 $\bar{A}$ eye-wall progenitor cells delay retinal degeneration in mice by regulating neural plasticity and forming new graft-to-host synapses. <i>Stem Cell Research and Therapy</i> , 2016, 7, 191.	5.5	19
21	Microglia Mediate Synaptic Material Clearance at the Early Stage of Rats With Retinitis Pigmentosa. <i>Frontiers in Immunology</i> , 2019, 10, 912.	4.8	19
22	Somatic and stem cell pairing and fusion using a microfluidic array device. <i>Microfluidics and Nanofluidics</i> , 2011, 11, 633-641.	2.2	18
23	Functional ectopic neurogenesis by retinal rod bipolar cells is regulated by miR-125b-5p during retinal remodeling in RCS rats. <i>Scientific Reports</i> , 2017, 7, 1011.	3.3	17
24	Correlation of Cytokine Levels and Microglial Cell Infiltration during Retinal Degeneration in RCS Rats. <i>PLoS ONE</i> , 2013, 8, e82061.	2.5	16
25	Bone Marrow CD133 <sup>+</sup> Stem Cells Ameliorate Visual Dysfunction in Streptozotocin-induced Diabetic Mice with Early Diabetic Retinopathy. <i>Cell Transplantation</i> , 2018, 27, 916-936.	2.5	16
26	Identification of novel CYP4V2 gene mutations in 92 Chinese families with Bietti's crystalline corneoretinal dystrophy. <i>Molecular Vision</i> , 2014, 20, 1806-14.	1.1	16
27	Subretinal transplantation of retinal pigment epithelium overexpressing fibulin-5 inhibits laser-induced choroidal neovascularization in rats. <i>Experimental Eye Research</i> , 2015, 136, 78-85.	2.6	15
28	Transplanted olfactory ensheathing cells restore retinal function in a rat model of light-induced retinal damage by inhibiting oxidative stress. <i>Oncotarget</i> , 2017, 8, 93087-93102.	1.8	15
29	The characterization of functional disturbances in Chinese patients with Bietti's crystalline dystrophy at different fundus stages. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2012, 250, 191-200.	1.9	13
30	Lin28B promotes M $\bar{A}$ ller glial cell de-differentiation and proliferation in the regenerative rat retinas. <i>Oncotarget</i> , 2016, 7, 49368-49383.	1.8	13
31	A Cell Electrofusion Chip for Somatic Cells Reprogramming. <i>PLoS ONE</i> , 2015, 10, e0131966.	2.5	12
32	Lin28b stimulates the reprogramming of rat M $\bar{A}$ ller glia to retinal progenitors. <i>Experimental Cell Research</i> , 2017, 352, 164-174.	2.6	12
33	SCF/SCFR signaling plays an important role in the early morphogenesis and neurogenesis of human embryonic neural retina. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	11
34	The Role of Eye Movement Driven Attention in Functional Strabismic Amblyopia. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-8.	1.3	10
35	Synergistic effect of olfactory ensheathing cells and alpha-crystallin on restoration of adult rat optic nerve injury. <i>Neuroscience Letters</i> , 2017, 638, 167-174.	2.1	9
36	Evidence for a retinal progenitor cell in the postnatal and adult mouse. <i>Stem Cell Research</i> , 2017, 23, 20-32.	0.7	9

#	ARTICLE	IF	CITATIONS
37	Novel mutations in in Bietti corneoretinal crystalline dystrophy: Next-generation sequencing technology and genotype-phenotype correlations. <i>Molecular Vision</i> , 2019, 25, 654-662.	1.1	7
38	Genetic analysis in a cohort of patients with hereditary optic neuropathies in Southwest of China. <i>Mitochondrion</i> , 2019, 46, 327-333.	3.4	6
39	Molecular genetics with clinical characteristics of Leber congenital amaurosis in the Han population of western China. <i>Ophthalmic Genetics</i> , 2021, 42, 392-401.	1.2	6
40	ON-Retinal Bipolar Cell Survival in RCS Rats. <i>Current Eye Research</i> , 2010, 35, 1002-1011.	1.5	5
41	Overexpression of melanopsin in the retina restores visual function in Royal College of Surgeons rats. <i>Molecular Medicine Reports</i> , 2016, 13, 321-326.	2.4	5
42	Electrophysiological and Structural Changes in Chinese Patients with LHON. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-9.	1.3	5
43	Transplantation of cultured olfactory mucosal cells rescues optic nerve axons in a rat glaucoma model. <i>Brain Research</i> , 2019, 1714, 45-51.	2.2	4
44	Validation and Safety of Visual Restoration by Ectopic Expression of Human Melanopsin in Retinal Ganglion Cells. <i>Human Gene Therapy</i> , 2019, 30, 714-726.	2.7	4
45	Safety and efficacy of bimatoprost/timolol fixed combination in Chinese patients with open-angle glaucoma or ocular hypertension. <i>Chinese Medical Journal</i> , 2014, 127, 905-10.	2.3	4
46	Practicability confirmation by meta-analysis of intravitreal ranibizumab compared to photodynamic therapy to treat polypoidal choroidal vasculopathy. <i>Molecular Vision</i> , 2015, 21, 1130-41.	1.1	3
47	<i>PRPF3</i> -Associated Autosomal Dominant Retinitis Pigmentosa and <i>CYP4V2</i> -Associated Bietti's Crystalline Corneoretinal Dystrophy Coexist in a Multigenerational Chinese Family. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-10.	1.3	1
48	Comparative Study of a Modified Sub-Tenon's Capsule Injection of Triamcinolone Acetonide and the Intravenous Infusion of Umbilical Cord Mesenchymal Stem Cells in Retinitis Pigmentosa Combined With Macular Edema. <i>Frontiers in Pharmacology</i> , 2021, 12, 694225.	3.5	1
49	Toxocariasis of the eye. <i>IDCases</i> , 2018, 12, e3.	0.9	0
50	Optical control after transfection of channelrhodopsin-2 recombinant adenovirus in visual cortical cells. <i>Neural Regeneration Research</i> , 2012, 7, 1228-33.	3.0	0