Chen Zhao

List of Publications by Citations

38 papers	937 citations	17 h-index	30 g-index
39 ext. papers	1,142 ext. citations	5.7 avg, IF	3.83 L-index

#	Paper	IF	Citations
38	Circular Noncoding RNA HIPK3 Mediates Retinal Vascular Dysfunction in Diabetes Mellitus. *Circulation*, **2017**, 136, 1629-1642	16.7	305
37	PRPF4 mutations cause autosomal dominant retinitis pigmentosa. *Human Molecular Genetics*, **2014**, 23, 2926-39	5.6	76
36	Diabetes mellitus and risk of age-related macular degeneration: a systematic review and meta-analysis. *PLoS ONE*, **2014**, 9, e108196	3.7	41
35	A novel locus (RP33) for autosomal dominant retinitis pigmentosa mapping to chromosomal region 2cen-q12.1. *Human Genetics*, **2006**, 119, 617-23	6.3	39
34	is mutated in a distinct type of Usher syndrome. *Journal of Medical Genetics*, **2017**, 54, 190-195	5.8	33
33	mTOR pathway activation in age-related retinal disease. *Aging*, **2011**, 3, 346-7	5.6	29
32	MicroRNA-184 promotes differentiation of the retinal pigment epithelium by targeting the AKT2/mTOR signaling pathway. *Oncotarget*, **2016**, 7, 52340-52353	3.3	29
31	Trans-Corneal Subretinal Injection in Mice and Its Effect on the Function and Morphology of the Retina. *PLoS ONE*, **2015**, 10, e0136523	3.7	28
30	VEGF-B is a potent antioxidant. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 10351-10356	11.5	25
29	SPP2 Mutations Cause Autosomal Dominant Retinitis Pigmentosa. *Scientific Reports*, **2015**, 5, 14867	4.9	22
28	Targeted next-generation sequencing reveals novel USH2A mutations associated with diverse disease phenotypes: implications for clinical and molecular diagnosis. *PLoS ONE*, **2014**, 9, e105439	3.7	22
27	Vasoprotective effect of PDGF-CC mediated by HMOX1 rescues retinal degeneration. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 14806-11	11.5	21
26	Gene-based Therapy in a Mouse Model of Blue Cone Monochromacy. *Scientific Reports*, **2017**, 7, 6690	4.9	21
25	[6]-Gingerol enhances the radiosensitivity of gastric cancer via G2/M phase arrest and apoptosis induction. *Oncology Reports*, **2018**, 39, 2252-2260	3.5	21
24	GUCA1A mutation causes maculopathy in a five-generation family with a wide spectrum of severity. *Genetics in Medicine*, **2017**, 19, 945-954	8.1	19
23	Vitreal delivery of AAV vectored Cnga3 restores cone function in CNGA3-/-/Nrl-/- mice, an all-cone model of CNGA3 achromatopsia. *Human Molecular Genetics*, **2015**, 24, 3699-707	5.6	18
22	[6]-Gingerol enhances the cisplatin sensitivity of gastric cancer cells through inhibition of proliferation and invasion via PI3K/AKT signaling pathway. *Phytotherapy Research*, **2019**, 33, 1353-1362	6.7	17

21	Circular Noncoding RNA NR3C1 Acts as a miR-382-5p Sponge to Protect RPE Functions via Regulating PTEN/AKT/mTOR Signaling Pathway. *Molecular Therapy*, **2020**, 28, 929-945	11.7	16
20	Molecular genetic testing in clinical diagnostic assessments that demonstrate correlations in patients with autosomal recessive inherited retinal dystrophy. *JAMA Ophthalmology*, **2015**, 133, 427-36	3.9	16
19	Fuzi Enhances Anti-Tumor Efficacy of Radiotherapy on Lung Cancer. *Journal of Cancer*, **2017**, 8, 3945-3951	4.5	15
18	CRB2 mutation causes autosomal recessive retinitis pigmentosa. *Experimental Eye Research*, **2019**, 180, 164-173	3.7	14
17	VEGF-B inhibits hyperglycemia- and Macugen-induced retinal apoptosis. *Scientific Reports*, **2016**, 6, 26059	4.9	13
16	High-dose irradiation in combination with toll-like receptor 9 agonist CpG oligodeoxynucleotide 7909 downregulates PD-L1 expression via the NF-B signaling pathway in non-small cell lung cancer cells. *OncoTargets and Therapy*, **2016**, 9, 6511-6518	4.4	13
15	Preliminary exploration of clinical factors affecting acute toxicity and quality of life after carbon ion therapy for prostate cancer. *Radiation Oncology*, **2019**, 14, 94	4.2	11
14	LINC00167 Regulates RPE Differentiation by Targeting the miR-203a-3p/SOCS3 Axis. *Molecular Therapy - Nucleic Acids*, **2020**, 19, 1015-1026	10.7	10
13	Distinct mutations with different inheritance mode caused similar retinal dystrophies in one family: a demonstration of the importance of genetic annotations in complicated pedigrees. *Journal of Translational Medicine*, **2018**, 16, 145	8.5	10
12	Toll-like receptor 9 activation by CpG oligodeoxynucleotide 7909 enhances the radiosensitivity of A549 lung cancer cells via the p53 signaling pathway. *Oncology Letters*, **2018**, 15, 5271-5279	2.6	8
11	Combination of nadroparin with radiotherapy results in powerful synergistic antitumor effects in lung adenocarcinoma A549 cells. *Oncology Reports*, **2016**, 36, 2200-6	3.5	8
10	Next-generation Sequencing Extends the Phenotypic Spectrum for LCA5 Mutations: Novel LCA5 Mutations in Cone Dystrophy. *Scientific Reports*, **2016**, 6, 24357	4.9	8
9	c-Jun-mediated microRNA-302d-3p induces RPE dedifferentiation by targeting p21. *Cell Death and Disease*, **2018**, 9, 451	9.8	7
8	PDGF-CC underlies resistance to VEGF-A inhibition and combinatorial targeting of both suppresses pathological angiogenesis more efficiently. *Oncotarget*, **2016**, 7, 77902-77915	3.3	7
7	Whole exome sequencing confirms the clinical diagnosis of Marfan syndrome combined with X-linked hypophosphatemia. *Journal of Translational Medicine*, **2015**, 13, 179	8.5	4
6	A large family with inherited optic disc anomalies: a correlation between a new genetic locus and complex ocular phenotypes. *Scientific Reports*, **2017**, 7, 7799	4.9	3
5	Helium-neon laser therapy in the treatment of hydroxyapatite orbital implant exposure: A superior option. *Experimental and Therapeutic Medicine*, **2015**, 10, 1074-1078	2.1	3
4	Knocking Down Snrnp200 Initiates Demorphogenesis of Rod Photoreceptors in Zebrafish. *Journal of Ophthalmology*, **2015**, 2015, 816329	2	3

3	Dynamic Multiscale Regulation of Perfusion Recovery in Experimental Peripheral Arterial Disease: A Mechanistic Computational Model.. *JACC Basic To Translational Science*, **2022**, 7, 28-50	8.7	1
2	Protocol for simulating macrophage signal transduction and phenotype polarization using a large-scale mechanistic computational model. *STAR Protocols*, **2021**, 2, 100739	1.4	1
1	Analgecine enhances the anti-tumor response of radiotherapy by increasing apoptosis and cell cycle arrest in non-small cell lung cancer. *Oncotarget*, **2017**, 8, 80730-80740	3.3	