

# Chen Zhao

## List of Publications by Year in Descending Order

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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.

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	Dynamic Multiscale Regulation of Perfusion Recovery in Experimental Peripheral Arterial Disease: A Mechanistic Computational Model.. <i>JACC Basic To Translational Science</i> , <b>2022</b> , 7, 28-50	8.7	1
37	Protocol for simulating macrophage signal transduction and phenotype polarization using a large-scale mechanistic computational model. <i>STAR Protocols</i> , <b>2021</b> , 2, 100739	1.4	1
36	Circular Noncoding RNA NR3C1 Acts as a miR-382-5p Sponge to Protect RPE Functions via Regulating PTEN/AKT/mTOR Signaling Pathway. <i>Molecular Therapy</i> , <b>2020</b> , 28, 929-945	11.7	16
35	LINC00167 Regulates RPE Differentiation by Targeting the miR-203a-3p/SOCS3 Axis. <i>Molecular Therapy - Nucleic Acids</i> , <b>2020</b> , 19, 1015-1026	10.7	10
34	Preliminary exploration of clinical factors affecting acute toxicity and quality of life after carbon ion therapy for prostate cancer. <i>Radiation Oncology</i> , <b>2019</b> , 14, 94	4.2	11
33	[6]-Gingerol enhances the cisplatin sensitivity of gastric cancer cells through inhibition of proliferation and invasion via PI3K/AKT signaling pathway. <i>Phytotherapy Research</i> , <b>2019</b> , 33, 1353-1362	6.7	17
32	CRB2 mutation causes autosomal recessive retinitis pigmentosa. <i>Experimental Eye Research</i> , <b>2019</b> , 180, 164-173	3.7	14
31	c-Jun-mediated microRNA-302d-3p induces RPE dedifferentiation by targeting p21. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 451	9.8	7
30	Toll-like receptor 9 activation by CpG oligodeoxynucleotide 7909 enhances the radiosensitivity of A549 lung cancer cells via the p53 signaling pathway. <i>Oncology Letters</i> , <b>2018</b> , 15, 5271-5279	2.6	8
29	Distinct mutations with different inheritance mode caused similar retinal dystrophies in one family: a demonstration of the importance of genetic annotations in complicated pedigrees. <i>Journal of Translational Medicine</i> , <b>2018</b> , 16, 145	8.5	10
28	[6]-Gingerol enhances the radiosensitivity of gastric cancer via G2/M phase arrest and apoptosis induction. <i>Oncology Reports</i> , <b>2018</b> , 39, 2252-2260	3.5	21
27	VEGF-B is a potent antioxidant. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 10351-10356	11.5	25
26	GUCA1A mutation causes maculopathy in a five-generation family with a wide spectrum of severity. <i>Genetics in Medicine</i> , <b>2017</b> , 19, 945-954	8.1	19
25	is mutated in a distinct type of Usher syndrome. <i>Journal of Medical Genetics</i> , <b>2017</b> , 54, 190-195	5.8	33
24	A large family with inherited optic disc anomalies: a correlation between a new genetic locus and complex ocular phenotypes. <i>Scientific Reports</i> , <b>2017</b> , 7, 7799	4.9	3
23	Fuzi Enhances Anti-Tumor Efficacy of Radiotherapy on Lung Cancer. <i>Journal of Cancer</i> , <b>2017</b> , 8, 3945-3954	4.5	15
22	Circular Noncoding RNA HIPK3 Mediates Retinal Vascular Dysfunction in Diabetes Mellitus. <i>Circulation</i> , <b>2017</b> , 136, 1629-1642	16.7	305

21	Gene-based Therapy in a Mouse Model of Blue Cone Monochromacy. <i>Scientific Reports</i> , <b>2017</b> , 7, 6690	4.9	21
20	Analgesic enhances the anti-tumor response of radiotherapy by increasing apoptosis and cell cycle arrest in non-small cell lung cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 80730-80740	3.3	
19	Combination of nadroparin with radiotherapy results in powerful synergistic antitumor effects in lung adenocarcinoma A549 cells. <i>Oncology Reports</i> , <b>2016</b> , 36, 2200-6	3.5	8
18	VEGF-B inhibits hyperglycemia- and Macugen-induced retinal apoptosis. <i>Scientific Reports</i> , <b>2016</b> , 6, 26059	4.9	13
17	PDGF-CC underlies resistance to VEGF-A inhibition and combinatorial targeting of both suppresses pathological angiogenesis more efficiently. <i>Oncotarget</i> , <b>2016</b> , 7, 77902-77915	3.3	7
16	MicroRNA-184 promotes differentiation of the retinal pigment epithelium by targeting the AKT2/mTOR signaling pathway. <i>Oncotarget</i> , <b>2016</b> , 7, 52340-52353	3.3	29
15	High-dose irradiation in combination with toll-like receptor 9 agonist CpG oligodeoxynucleotide 7909 downregulates PD-L1 expression via the NF- $\kappa$ B signaling pathway in non-small cell lung cancer cells. <i>OncoTargets and Therapy</i> , <b>2016</b> , 9, 6511-6518	4.4	13
14	Next-generation Sequencing Extends the Phenotypic Spectrum for LCA5 Mutations: Novel LCA5 Mutations in Cone Dystrophy. <i>Scientific Reports</i> , <b>2016</b> , 6, 24357	4.9	8
13	Vitreal delivery of AAV vectored Cnga3 restores cone function in CNGA3 <sup>-/-</sup> /Nrl <sup>-/-</sup> mice, an all-cone model of CNGA3 achromatopsia. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 3699-707	5.6	18
12	Helium-neon laser therapy in the treatment of hydroxyapatite orbital implant exposure: A superior option. <i>Experimental and Therapeutic Medicine</i> , <b>2015</b> , 10, 1074-1078	2.1	3
11	SPP2 Mutations Cause Autosomal Dominant Retinitis Pigmentosa. <i>Scientific Reports</i> , <b>2015</b> , 5, 14867	4.9	22
10	Whole exome sequencing confirms the clinical diagnosis of Marfan syndrome combined with X-linked hypophosphatemia. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 179	8.5	4
9	Knocking Down Snrnp200 Initiates Demorphogenesis of Rod Photoreceptors in Zebrafish. <i>Journal of Ophthalmology</i> , <b>2015</b> , 2015, 816329	2	3
8	Molecular genetic testing in clinical diagnostic assessments that demonstrate correlations in patients with autosomal recessive inherited retinal dystrophy. <i>JAMA Ophthalmology</i> , <b>2015</b> , 133, 427-36	3.9	16
7	Trans-Corneal Subretinal Injection in Mice and Its Effect on the Function and Morphology of the Retina. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136523	3.7	28
6	Vasoprotective effect of PDGF-CC mediated by HMOX1 rescues retinal degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 14806-11	11.5	21
5	Targeted next-generation sequencing reveals novel USH2A mutations associated with diverse disease phenotypes: implications for clinical and molecular diagnosis. <i>PLoS ONE</i> , <b>2014</b> , 9, e105439	3.7	22
4	PRPF4 mutations cause autosomal dominant retinitis pigmentosa. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 2926-39	5.6	76

3	Diabetes mellitus and risk of age-related macular degeneration: a systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2014</b> , 9, e108196	3.7	4 <sup>1</sup>
2	mTOR pathway activation in age-related retinal disease. <i>Aging</i> , <b>2011</b> , 3, 346-7	5.6	29
1	A novel locus (RP33) for autosomal dominant retinitis pigmentosa mapping to chromosomal region 2cen-q12.1. <i>Human Genetics</i> , <b>2006</b> , 119, 617-23	6.3	39