

# Xue Chen

## 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.

100 papers	2,262 citations	25 h-index	45 g-index
107 ext. papers	2,817 ext. citations	6.2 avg, IF	4.67 L-index

#	Paper	IF	Citations
100	Comparative Analysis of Differentially Expressed Circular RNAs in Polarized Macrophages.. <i>Frontiers in Genetics</i> , <b>2022</b> , 13, 823517	4.5	1
99	Outcomes of a Simple Lateral Rectus Belly Transposition Procedure Combined With Ipsilateral Antagonist Recessor for Vertical Rectus Palsy.. <i>Journal of Pediatric Ophthalmology and Strabismus</i> , <b>2022</b> , 1-9	0.9	
98	Ocular Manifestations of Acute Secondary Angle Closure Associated With Lens Subluxation.. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 738745	4.9	0
97	Variants identified by next-generation sequencing cause endoplasmic reticulum stress in Rhodopsin-associated retinitis pigmentosa. <i>BMC Ophthalmology</i> , <b>2021</b> , 21, 371	2.3	0
96	Graded superior oblique tendon suture lengthening: A novel procedure. <i>European Journal of Ophthalmology</i> , <b>2021</b> , 31, 2639-2646	1.9	1
95	Systematic evaluation of the effect of polyadenylation signal variants on the expression of disease-associated genes. <i>Genome Research</i> , <b>2021</b> , 31, 890-899	9.7	1
94	Effect of inferior oblique muscle belly transposition on versions and vertical alignment in primary position. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2021</b> , 259, 3461-3468	3.8	0
93	Differential expression and alternative splicing of transcripts in orbital adipose/connective tissue of thyroid-associated ophthalmopathy. <i>Experimental Biology and Medicine</i> , <b>2021</b> , 246, 1990-2006	3.7	
92	Identification of differentially expressed long non-coding RNAs and mRNAs in orbital adipose/connective tissue of thyroid-associated ophthalmopathy. <i>Genomics</i> , <b>2021</b> , 113, 440-449	4.3	2
91	The Retinitis Pigmentosa Genes. <i>Essentials in Ophthalmology</i> , <b>2021</b> , 207-221	0.2	
90	Outcomes of modified vertical rectus belly transposition versus augmented superior rectus transposition for chronic abducens nerve palsy. <i>Journal of AAPOS</i> , <b>2021</b> , 25, 7.e1-7.e6	1.3	0
89	Short-Term Near Stereoacuity Improvements Following Favorable Surgical Alignment in Exotropic and Esotropic Patients. <i>Seminars in Ophthalmology</i> , <b>2021</b> , 1-10	2.4	
88	Adipose/Connective Tissue From Thyroid-Associated Ophthalmopathy Uncovers Interdependence Between Methylation and Disease Pathogenesis: A Genome-Wide Methylation Analysis. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 716871	5.7	0
87	Loss and enhancement of layer-selective signals in geniculostriate and corticotectal pathways of adult human amblyopia.. <i>Cell Reports</i> , <b>2021</b> , 37, 110117	10.6	1
86	Comparative Genome Analysis Reveals the Molecular Basis of Niche Adaptation of Strains. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 566080	4.5	2
85	Differentially expressed circular RNAs in orbital adipose/connective tissue from patients with thyroid-associated ophthalmopathy. <i>Experimental Eye Research</i> , <b>2020</b> , 196, 108036	3.7	9
84	Circular RNA-ZBTB44 regulates the development of choroidal neovascularization. <i>Theranostics</i> , <b>2020</b> , 10, 3293-3307	12.1	10

83	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
82	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
81	Integrative transcriptomics and proteomic analysis of extraocular muscles from patients with thyroid-associated ophthalmopathy. <i>Experimental Eye Research</i> , <b>2020</b> , 193, 107962	3.7	4
80	The retina and retinal pigment epithelium differ in nitrogen metabolism and are metabolically connected. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 2324-2335	5.4	10
79	The stability of horizontal ocular alignment of triad exotropia after one-step triple surgery. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 258, 899-908	3.8	2
78	Circular RNA-ZNF532 regulates diabetes-induced retinal pericyte degeneration and vascular dysfunction. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 3833-3847	15.9	42
77	Lateral rectus belly transposition without tenotomy for acquired inferior rectus weakness: a Case series. <i>Journal of AAPOS</i> , <b>2020</b> , 24, 40-42	1.3	1
76	DCZ3301, an aryl-guanidino agent, inhibits ocular neovascularization via PI3K/AKT and ERK1/2 signaling pathways. <i>Experimental Eye Research</i> , <b>2020</b> , 201, 108267	3.7	0
75	Metabolic signature of eyelid basal cell carcinoma. <i>Experimental Eye Research</i> , <b>2020</b> , 198, 108140	3.7	2
74	Disrupted neural signals in patients with concomitant exotropia. <i>Ophthalmic and Physiological Optics</i> , <b>2020</b> , 40, 650-659	4.1	3
73	Inferior rectus belly transposition for residual esotropia after augmented superior rectus transposition and medial rectus recession in patients with chronic abducens nerve palsy: a case series. <i>Journal of AAPOS</i> , <b>2020</b> , 24, 110-113	1.3	1
72	Induction of cross-neutralizing antibodies by sequential immunization with heterologous papillomavirus L1VLPs and its implications for HPV prophylactic vaccines. <i>Journal of Medical Virology</i> , <b>2020</b> , 92, 3750	19.7	2
71	Proline mediates metabolic communication between retinal pigment epithelial cells and the retina. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 10278-10289	5.4	36
70	Novel function of VEGF-B as an antioxidant and therapeutic implications. <i>Pharmacological Research</i> , <b>2019</b> , 143, 33-39	10.2	11
69	Mesoporous silica nanoparticles as a delivery system for improving antiangiogenic therapy. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 1489-1501	7.3	38
68	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> , <b>2019</b> , 116, 7455-7464	11.5	100
67	Abnormal mTORC1 signaling leads to retinal pigment epithelium degeneration. <i>Theranostics</i> , <b>2019</b> , 9, 1170-1180	12.1	22
66	Evaluation of the safety and quality of day-case cataract surgery based on 4151 cases. <i>International Journal of Ophthalmology</i> , <b>2019</b> , 12, 291-295	1.4	2

65	Targeted next-generation sequencing extends the mutational spectrums for mutations in Chinese families with optic atrophy. <i>Molecular Vision</i> , <b>2019</b> , 25, 912-920	2.3	2
64	Comprehensive circular RNA profiling of proliferative vitreoretinopathy and its clinical significance. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 111, 548-554	7.5	8
63	CRB2 mutation causes autosomal recessive retinitis pigmentosa. <i>Experimental Eye Research</i> , <b>2019</b> , 180, 164-173	3.7	14
62	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
61	Whole-exome sequencing revealed HKDC1 as a candidate gene associated with autosomal-recessive retinitis pigmentosa. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 4157-4168	5.6	12
60	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
59	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
58	Effect of nanoencapsulation using poly (lactide-co-glycolide) (PLGA) on anti-angiogenic activity of bevacizumab for ocular angiogenesis therapy. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 107, 1056-1063	7.5	27
57	IFT52 as a Novel Candidate for Ciliopathies Involving Retinal Degeneration <b>2018</b> , 59, 4581-4589		3
56	Stromal activity coordinates a niche signaling program for mammary epithelial stem cells. <i>Science</i> , <b>2017</b> , 356,	33.3	32
55	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
54	is mutated in a distinct type of Usher syndrome. <i>Journal of Medical Genetics</i> , <b>2017</b> , 54, 190-195	5.8	33
53	Nomogram for Predicting Cardiovascular Mortality in Incident Peritoneal Dialysis Patients: An Observational Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 13889	4.9	9
52	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
51	Circular Noncoding RNA HIPK3 Mediates Retinal Vascular Dysfunction in Diabetes Mellitus. <i>Circulation</i> , <b>2017</b> , 136, 1629-1642	16.7	305
50	LncRNA ZNF503-AS1 promotes RPE differentiation by downregulating ZNF503 expression. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e3046	9.8	31
49	Gene-based Therapy in a Mouse Model of Blue Cone Monochromacy. <i>Scientific Reports</i> , <b>2017</b> , 7, 6690	4.9	21
48	JAM-C maintains VEGF2 expression to promote retinal pigment epithelium cell survival under oxidative stress. <i>Thrombosis and Haemostasis</i> , <b>2017</b> , 117, 750-757	7	5

47	Identification and Characterization of Circular RNAs as a New Class of Putative Biomarkers in Diabetes Retinopathy <b>2017</b> , 58, 6500-6509		110
46	Human papillomavirus 16L1-58L2 chimeric virus-like particles elicit durable neutralizing antibody responses against a broad-spectrum of human papillomavirus types. <i>Oncotarget</i> , <b>2017</b> , 8, 63333-63344	3.3	7
45	VEGF-B inhibits hyperglycemia- and Macugen-induced retinal apoptosis. <i>Scientific Reports</i> , <b>2016</b> , 6, 26059	4.9	13
44	Prevalence of restless legs syndrome in chronic kidney disease: a systematic review and meta-analysis of observational studies. <i>Renal Failure</i> , <b>2016</b> , 38, 1335-1346	2.9	13
43	Lipidated L2 epitope repeats fused with a single-chain antibody fragment targeting human FcRI elicited cross-neutralizing antibodies against a broad spectrum of human papillomavirus types. <i>Vaccine</i> , <b>2016</b> , 34, 5531-5539	4.1	10
42	Endoscopic submucosal dissection for silent gastric Dieulafoy lesions mimicking gastrointestinal stromal tumors: Report of 7 cases-a case report series. <i>Medicine (United States)</i> , <b>2016</b> , 95, e4829	1.8	6
41	Change of Retinal Nerve Layer Thickness in Non-Arteritic Anterior Ischemic Optic Neuropathy Revealed by Fourier Domain Optical Coherence Tomography. <i>Current Eye Research</i> , <b>2016</b> , 41, 1076-1081	2.9	6
40	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
39	Targeted next-generation sequencing extends the phenotypic and mutational spectrums for EYS mutations. <i>Molecular Vision</i> , <b>2016</b> , 22, 646-57	2.3	12
38	mutation in a Chinese family with unusual Crouzon syndrome. <i>International Journal of Ophthalmology</i> , <b>2016</b> , 9, 1403-1408	1.4	4
37	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
36	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
35	Targeted next-generation sequencing reveals novel EYS mutations in Chinese families with autosomal recessive retinitis pigmentosa. <i>Scientific Reports</i> , <b>2015</b> , 5, 8927	4.9	24
34	Vitreous delivery of AAV vectored Cnga3 restores cone function in CNGA3-/-/Nrl-/- mice, an all-cone model of CNGA3 achromatopsia. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 3699-707	5.6	18
33	C2 rs547154 polymorphism and polypoidal choroidal vasculopathy susceptibility: a meta-analysis. <i>Scientific Reports</i> , <b>2015</b> , 5, 8709	4.9	2
32	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
31	SPP2 Mutations Cause Autosomal Dominant Retinitis Pigmentosa. <i>Scientific Reports</i> , <b>2015</b> , 5, 14867	4.9	22
30	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

29	Efficacy and Safety of Erythropoietin to Prevent Acute Kidney Injury in Patients With Critical Illness or Perioperative Care: A Systematic Review and Meta-analysis of Randomized Controlled Trials. <i>Journal of Cardiovascular Pharmacology</i> , <b>2015</b> , 65, 593-600	3.1	16
28	Knocking Down Snrnp200 Initiates Demorphogenesis of Rod Photoreceptors in Zebrafish. <i>Journal of Ophthalmology</i> , <b>2015</b> , 2015, 816329	2	3
27	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
26	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
25	Phenotype of Usher syndrome type II associated with compound missense mutations of c.721 C>T and c.1969 C>T in MYO7A in a Chinese Usher syndrome family. <i>International Journal of Ophthalmology</i> , <b>2015</b> , 8, 670-4	1.4	4
24	Spatially restricted Hedgehog signalling regulates HGF-induced branching of the adult prostate. <i>Nature Cell Biology</i> , <b>2014</b> , 16, 1135-45	23.4	25
23	Hedgehog signaling restrains bladder cancer progression by eliciting stromal production of urothelial differentiation factors. <i>Cancer Cell</i> , <b>2014</b> , 26, 521-33	24.3	126
22	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
21	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
20	Protective effects of astragaloside IV on db/db mice with diabetic retinopathy. <i>PLoS ONE</i> , <b>2014</b> , 9, e112207	3.7	25
19	Risk score to predict mortality in continuous ambulatory peritoneal dialysis patients. <i>European Journal of Clinical Investigation</i> , <b>2014</b> , 44, 1095-103	4.6	13
18	Novel and recurrent MYO7A mutations in Usher syndrome type 1 and type 2. <i>PLoS ONE</i> , <b>2014</b> , 9, e978083	3.7	27
17	PRPF4 mutations cause autosomal dominant retinitis pigmentosa. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 2926-39	5.6	76
16	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	41
15	Maternal germline mosaicism of kinesin family member 21A (KIF21A) mutation causes complex phenotypes in a Chinese family with congenital fibrosis of the extraocular muscles. <i>Molecular Vision</i> , <b>2014</b> , 20, 15-23	2.3	3
14	Mutation analysis of pre-mRNA splicing genes in Chinese families with retinitis pigmentosa. <i>Molecular Vision</i> , <b>2014</b> , 20, 770-9	2.3	14
13	A novel homozygous BEST1 mutation correlates with complex ocular phenotypes. <i>Ophthalmology</i> , <b>2013</b> , 120, 1511-2.e2	7.3	7
12	Targeted sequencing of 179 genes associated with hereditary retinal dystrophies and 10 candidate genes identifies novel and known mutations in patients with various retinal diseases <b>2013</b> , 54, 2186-97		54

11	Local targeted therapy of liver metastasis from colon cancer by galactosylated liposome encapsulated with doxorubicin. <i>PLoS ONE</i> , <b>2013</b> , 8, e73860	3.7	27
10	Two novel mutations of fibrillin-1 gene correlate with different phenotypes of Marfan syndrome in Chinese families. <i>Molecular Vision</i> , <b>2013</b> , 19, 751-8	2.3	12
9	Facilitation of Gene Transfection and Cell Adhesion by Gelatin-Functionalized PCL Film Surfaces. <i>Advanced Functional Materials</i> , <b>2012</b> , 22, 1835-1842	15.6	29
8	Generation of Cre transgenic mice with postnatal RPE-specific ocular expression <b>2011</b> , 52, 1378-83		60
7	mTOR-mediated dedifferentiation of the retinal pigment epithelium initiates photoreceptor degeneration in mice. <i>Journal of Clinical Investigation</i> , <b>2011</b> , 121, 369-83	15.9	198
6	mTOR pathway activation in age-related retinal disease. <i>Aging</i> , <b>2011</b> , 3, 346-7	5.6	29
5	Autosomal-dominant retinitis pigmentosa caused by a mutation in SNRNP200, a gene required for unwinding of U4/U6 snRNAs. <i>American Journal of Human Genetics</i> , <b>2009</b> , 85, 617-27	11	115
4	In vivo confocal laser scanning microscopy of corneal nerves in leprosy. <i>JAMA Ophthalmology</i> , <b>2008</b> , 126, 282-4		10
3	Novel and recurrent KIF21A mutations in congenital fibrosis of the extraocular muscles type 1 and 3. <i>JAMA Ophthalmology</i> , <b>2008</b> , 126, 388-94		24
2	Room tilt illusion influenced by head position. <i>Journal of Neuro-Ophthalmology</i> , <b>2007</b> , 27, 297-9	2.6	3
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