Li Jia Chen

List of Publications by Year
in descending order

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131	6,052	94433 37	95266 68
papers	citations	h-index	g-index

134	134	134	6811
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-wide meta-analyses of multiancestry cohorts identify multiple new susceptibility loci for refractive error and myopia. Nature Genetics, 2013, 45, 314-318.	21.4	398
2	Low-Concentration Atropine for Myopia Progression (LAMP) Study. Ophthalmology, 2019, 126, 113-124.	5.2	371
3	Retrospective analysis of the possibility of predicting the COVID-19 outbreak from Internet searches and social media data, China, 2020. Eurosurveillance, 2020, 25, .	7.0	262
4	Spectral-Domain OCT Measurements in Alzheimerâ€™s Disease. Ophthalmology, 2019, 126, 497-510.	5.2	236
5	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2012, 44, 1142-1146.	21.4	196
6	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. Nature Communications, 2021, 12, 1258.	12.8	196
7	Two-Year Clinical Trial of the Low-Concentration Atropine for MyopiaÂProgression (LAMP) Study. Ophthalmology, 2020, 127, 910-919.	5.2	164
8	Common variants near ABCA1 and in PMM2 are associated with primary open-angle glaucoma. Nature Genetics, 2014, 46, 1115-1119.	21.4	160
9	New loci and coding variants confer risk for age-related macular degeneration in East Asians. Nature Communications, 2015, 6, 6063.	12.8	147
10	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2016, 48, 556-562.	21.4	147
11	Autosomal-Dominant Retinitis Pigmentosa Caused by a Mutation in SNRNP200, a Gene Required for Unwinding of U4/U6 snRNAs. American Journal of Human Genetics, 2009, 85, 617-627.	6.2	141
12	Nine Loci for Ocular Axial Length Identified through Genome-wide Association Studies, Including Shared Loci with Refractive Error. American Journal of Human Genetics, 2013, 93, 264-277.	6.2	139
13	A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892.	2.9	105
14	Long-Term In Vivo Imaging and Measurement of Dendritic Shrinkage of Retinal Ganglion Cells. , 2011, 52, 1539.		104
15	Meta-analysis of geneâ€“environment-wide association scans accounting for education level identifies additional loci for refractive error. Nature Communications, 2016, 7, 11008.	12.8	104
16	Efficacy and Safety of Topical 0.05% Cyclosporine Eye Drops in the Treatment of Dry Eye Syndrome: A Systematic Review and Meta-analysis. Ocular Surface, 2015, 13, 213-225.	4.4	102
17	PRPF4 mutations cause autosomal dominant retinitis pigmentosa. Human Molecular Genetics, 2014, 23, 2926-2939.	2.9	98
18	Genetic risk of extranodal natural killer T-cell lymphoma: a genome-wide association study. Lancet Oncology, The, 2016, 17, 1240-1247.	10.7	84

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19	Myopia incidence and lifestyle changes among school children during the COVID-19 pandemic: a population-based prospective study. British Journal of Ophthalmology, 2022, 106, 1772-1778.	3.9	84
20	High prevalence of myopia in children and their parents in Hong Kong Chinese Population: the Hong Kong Children Eye Study. Acta Ophthalmologica, 2020, 98, e639.	1.1	83
21	Multiple Gene Polymorphisms in the Complement Factor H Gene Are Associated with Exudative Age-Related Macular Degeneration in Chinese. , 2008, 49, 3312.		82
22	HTRA1Variants in Exudative Age-Related Macular Degeneration and Interactions with Smoking andCFH. , 2008, 49, 2357.		81
23	Three-Year Clinical Trial of Low-Concentration Atropine for Myopia Progression (LAMP) Study: Continued Versus Washout. Ophthalmology, 2022, 129, 308-321.	5.2	79
24	Association of complement factor H polymorphisms with exudative age-related macular degeneration. Molecular Vision, 2006, 12, 1536-42.	1.1	74
25	HDL-cholesterol levels and risk of age-related macular degeneration: a multiethnic genetic study using Mendelian randomization. International Journal of Epidemiology, 2017, 46, 1891-1902.	1.9	73
26	Diabetes Mellitus and Risk of Age-Related Macular Degeneration: A Systematic Review and Meta-Analysis. PLoS ONE, 2014, 9, e108196.	2.5	70
27	ABCC5, a Gene That Influences the Anterior Chamber Depth, Is Associated with Primary Angle Closure Glaucoma. PLoS Genetics, 2014, 10, e1004089.	3.5	68
28	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. , 2013, 54, 2186.		63
29	Association of Genetic Variants with Polypoidal Choroidal Vasculopathy. Ophthalmology, 2015, 122, 1854-1865.	5.2	61
30	Infectious keratitis and orthokeratology lens use: a systematic review. Infection, 2017, 45, 727-735.	4.7	60
31	Genome-wide association study identifies ZFHX1B as a susceptibility locus for severe myopia. Human Molecular Genetics, 2013, 22, 5288-5294.	2.9	59
32	Topical Cyclosporine in the Treatment ofÂAllergic Conjunctivitis. Ophthalmology, 2013, 120, 2197-2203.	5.2	58
33	Genes in the High-Density Lipoprotein Metabolic Pathway in Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy. Ophthalmology, 2014, 121, 911-916.	5.2	56
34	Compound Heterozygosity of Two Novel Truncation Mutations inRP1Causing Autosomal Recessive Retinitis Pigmentosa. , 2010, 51, 2236.		54
35	Genetic associations for keratoconus: a systematic review and meta-analysis. Scientific Reports, 2017, 7, 4620.	3.3	54
36	Quantitative retinal microvasculature in children using swept-source optical coherence tomography: the Hong Kong Children Eye Study. British Journal of Ophthalmology, 2019, 103, 672-679.	3.9	51

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37	Age Effect on Treatment Responses to 0.05%, 0.025%, and 0.01% Atropine. Ophthalmology, 2021, 128, 1180-1187.	5.2	50
38	Association between hyperglycemia and retinopathy of prematurity: a systemic review and meta-analysis. Scientific Reports, 2015, 5, 9091.	3.3	46
39	Differential Effects on Ocular Biometrics by 0.05%, 0.025%, and 0.01% Atropine. Ophthalmology, 2020, 127, 1603-1611.	5.2	46
40	Randomized Controlled Trial of Patching vs Acupuncture for Anisometropic Amblyopia in Children Aged 7 to 12 Years. JAMA Ophthalmology, 2010, 128, 1510.	2.4	43
41	Differentiation of Exudative Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in theARMS2/HTRA1Locus. , 2012, 53, 3175.		43
42	Whole-exome sequencing implicates UBE3D in age-related macular degeneration in East Asian populations. Nature Communications, 2015, 6, 6687.	12.8	40
43	Latest Developments in Normal-Pressure Glaucoma: Diagnosis, Epidemiology, Genetics, Etiology, Causes and Mechanisms to Management. Asia-Pacific Journal of Ophthalmology, 2019, 8, 457-468.	2.5	40
44	The Association of Choroidal Thickening by Atropine With Treatment Effects for Myopia: Two-Year Clinical Trial of the Low-concentration Atropine for Myopia Progression (LAMP) Study. American Journal of Ophthalmology, 2022, 237, 130-138.	3.3	39
45	Associations of the C2-CFB-RDBP-SKIV2L Locus with Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy. Ophthalmology, 2013, 120, 837-843.	5.2	38
46	Adjunctive Effect of Acupuncture to Refractive Correction on Anisometropic Amblyopia. Ophthalmology, 2011, 118, 1501-1511.	5.2	35
47	PAX6 Gene Associated with High Myopia. Optometry and Vision Science, 2014, 91, 419-429.	1.2	35
48	Shared genetic variants for polypoidal choroidal vasculopathy and typical neovascular age-related macular degeneration in East Asians. Journal of Human Genetics, 2017, 62, 1049-1055.	2.3	35
49	Analysis of choriocapillaris perfusion and choroidal layer changes in patients with chronic central serous chorioretinopathy randomised to micropulse laser or photodynamic therapy. British Journal of Ophthalmology, 2021, 105, 555-560.	3.9	34
50	Comorbidity of dementia and age-related macular degeneration calls for clinical awareness: a meta-analysis. British Journal of Ophthalmology, 2019, 103, bjophthalmol-2018-313277.	3.9	33
51	Refractive Errors and Concomitant Strabismus: A Systematic Review and Meta-analysis. Scientific Reports, 2016, 6, 35177.	3.3	32
52	Genetic Associations of Primary Angle-Closure Disease. Ophthalmology, 2016, 123, 1211-1221.	5.2	32
53	Association of Secondhand Smoking Exposure With Choroidal Thinning in Children Aged 6 to 8 Years. JAMA Ophthalmology, 2019, 137, 1406.	2.5	31
54	Antagonists of growth hormone-releasing hormone receptor induce apoptosis specifically in retinoblastoma cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14396-14401.	7.1	30

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55	Ethnic specific association of the CAV1/CAV2 locus with primary open-angle glaucoma. Scientific Reports, 2016, 6, 27837.	3.3	29
56	Identification of ANGPT2 as a New Gene for Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in the Chinese and Japanese Populations. , 2017, 58, 1076.		29
57	Corneal blindness and current major treatment concern-graft scarcity. International Journal of Ophthalmology, 2017, 10, 1154-1162.	1.1	29
58	SNP rs1533428 at 2p16.3 as a marker for late-onset primary open-angle glaucoma. Molecular Vision, 2012, 18, 1629-39.	1.1	28
59	Gender specific association of a complement component 3 polymorphism with polypoidal choroidal vasculopathy. Scientific Reports, 2014, 4, 7018.	3.3	27
60	Ethnic differences in the association of SERPING1 with age-related macular degeneration and polypoidal choroidal vasculopathy. Scientific Reports, 2015, 5, 9424.	3.3	27
61	Vitamin D and its pathway genes in myopia: systematic review and meta-analysis. British Journal of Ophthalmology, 2019, 103, 8-17.	3.9	27
62	A Multitask Deep-Learning System to Classify Diabetic Macular Edema for Different Optical Coherence Tomography Devices: A Multicenter Analysis. Diabetes Care, 2021, 44, 2078-2088.	8.6	27
63	Vitamin D and Ocular Diseases: A Systematic Review. International Journal of Molecular Sciences, 2022, 23, 4226.	4.1	26
64	Topical Olopatadine in the Treatment of Allergic Conjunctivitis: A Systematic Review and Meta-analysis. Ocular Immunology and Inflammation, 2017, 25, 668-682.	1.8	25
65	Independent Influence of Parental Myopia on Childhood Myopia in a Dose-Related Manner in 2,055 Trios: The Hong Kong Children Eye Study. American Journal of Ophthalmology, 2020, 218, 199-207.	3.3	25
66	Global retinoblastoma survival and globe preservation: a systematic review and meta-analysis of associations with socioeconomic and health-care factors. The Lancet Global Health, 2022, 10, e380-e389.	6.3	25
67	SPP2 Mutations Cause Autosomal Dominant Retinitis Pigmentosa. Scientific Reports, 2015, 5, 14867.	3.3	24
68	HTRA1 promoter variant differentiates polypoidal choroidal vasculopathy from exudative age-related macular degeneration. Scientific Reports, 2016, 6, 28639.	3.3	24
69	Novel Mutations in PRPF31 Causing Retinitis Pigmentosa Identified Using Whole-Exome Sequencing. , 2017, 58, 6342.		23
70	Association of Genetic Variants on 8p21 and 4q12 with Age-Related Macular Degeneration in Asian Populations. , 2012, 53, 6576.		22
71	Association of Gestational Hypertensive Disorders with Retinopathy of prematurity: A Systematic Review and Meta-analysis. Scientific Reports, 2016, 6, 30732.	3.3	22
72	Myopia Geneticsâ€"The Asia-Pacific Perspective. Asia-Pacific Journal of Ophthalmology, 2016, 5, 236-244.	2.5	22

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73	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. JAMA Ophthalmology, 2021, 139, 601.	2.5	22
74	Genetic Associations of Interleukin-related Genes with Gravesâ€™ Ophthalmopathy: a Systematic Review and Meta-analysis. Scientific Reports, 2015, 5, 16672.	3.3	21
75	Myopia Genetics and Heredity. Children, 2022, 9, 382.	1.5	20
76	Identification ofPGFas a New Gene for Neovascular Age-Related Macular Degeneration in a Chinese Population. , 2016, 57, 1714.		19
77	Association of antenatal steroid and risk of retinopathy of prematurity: a systematic review and meta-analysis. British Journal of Ophthalmology, 2018, 102, 1336-1341.	3.9	19
78	Association of the PAX6 gene with extreme myopia rather than lower grade myopias. British Journal of Ophthalmology, 2018, 102, 570-574.	3.9	19
79	Prevalence and predictors of myopic macular degeneration among Asian adults: pooled analysis from the Asian Eye Epidemiology Consortium. British Journal of Ophthalmology, 2021, 105, 1140-1148.	3.9	19
80	Interactive Expressions of HtrA1 and VEGF in Human Vitreous Humors and Fetal RPE Cells. , 2011, 52, 3706.		18
81	Association of toll-like receptor 3 polymorphism rs3775291 with age-related macular degeneration: a systematic review and meta-analysis. Scientific Reports, 2016, 6, 19718.	3.3	18
82	Evaluation of NTF4 as a causative gene for primary open-angle glaucoma. Molecular Vision, 2012, 18, 1763-72.	1.1	18
83	Association ofNR2E3but NotNRLMutations with Retinitis Pigmentosa in the Chinese Population. , 2010, 51, 2229.		17
84	Experience of using adalimumab in treating sight-threatening paediatric or adolescent Behcetâ€™s disease-related uveitis. Journal of Ophthalmic Inflammation and Infection, 2019, 9, 14.	2.2	16
85	Genetic Association of Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy. Asia-Pacific Journal of Ophthalmology, 2020, 9, 104-109.	2.5	16
86	Prevalence of strabismus and its risk factors among school aged children: The Hong Kong Children Eye Study. Scientific Reports, 2021, 11, 13820.	3.3	15
87	Association of the ZC3H11B, ZFHX1B and SNTB1 genes with myopia of different severities. British Journal of Ophthalmology, 2020, 104, 1472-1476.	3.9	14
88	Exposure to Secondhand Smoke in Children is Associated with a Thinner Retinal Nerve Fiber Layer: The Hong Kong Children Eye Study. American Journal of Ophthalmology, 2021, 223, 91-99.	3.3	14
89	Association of PEDF polymorphisms with age-related macular degeneration and polypoidal choroidal vasculopathy: a systematic review and meta-analysis. Scientific Reports, 2015, 5, 9497.	3.3	13
90	Analysis of multiple genetic loci reveals MPDZ-NF1B rs1324183 as a putative genetic marker for keratoconus. British Journal of Ophthalmology, 2018, 102, 1736-1741.	3.9	13

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91	Association of Polymorphisms at theSIX1-SIX6Locus With Primary Open-Angle Glaucoma. , 2019, 60, 2914.		13
92	Association of Common Variants in TCF4 and PTPRG with Fuchs' Corneal Dystrophy: A Systematic Review and Meta-Analysis. PLoS ONE, 2014, 9, e109142.	2.5	13
93	Association of the SIX6 locus with primary open angle glaucoma in southern Chinese and Japanese. Experimental Eye Research, 2019, 180, 129-136.	2.6	12
94	Genetic associations of central serous chorioretinopathy: a systematic review and meta-analysis. British Journal of Ophthalmology, 2022, 106, 1542-1548.	3.9	12
95	Association of ABCG1 With Neovascular Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Chinese and Japanese. , 2016, 57, 5758.		11
96	Ellipsoid zone optical intensity reduction as an early biomarker for retinitis pigmentosa. Acta Ophthalmologica, 2021, 99, e215-e221.	1.1	11
97	Genetic Association of the PARL-ABCC5-HTR3D-HTR3C Locus With Primary Angle-Closure Glaucoma in Chinese. , 2017, 58, 4384.		10
98	Association of the CAV1â€CAV2 locus with normalâ€tension glaucoma in Chinese and Japanese. Clinical and Experimental Ophthalmology, 2020, 48, 658-665.	2.6	10
99	Optical Coherence Tomography Angiography Compared with Multimodal Imaging for Diagnosing Neovascular Central Serous Chorioretinopathy. American Journal of Ophthalmology, 2021, 232, 70-82.	3.3	10
100	Coding Region Mutation Screening in Optineurin in Chinese Normal-Tension Glaucoma Patients. Disease Markers, 2019, 2019, 1-5.	1.3	9
101	Genetic associations of myopia severities and endophenotypes in children. British Journal of Ophthalmology, 2020, 105, bjophthalmol-2020-316728.	3.9	9
102	Protective effects of an HTRA1 insertionâ€“deletion variant against age-related macular degeneration in the Chinese populations. Laboratory Investigation, 2017, 97, 43-52.	3.7	8
103	Evaluation of the association of C5 with neovascular age-related macular degeneration and polypoidal choroidal vasculopathy. Eye and Vision (London, England), 2019, 6, 34.	3.0	8
104	The association between attention-deficit/hyperactivity disorder and retinal nerve fiber/ganglion cell layer thickness measured by optical coherence tomography: a systematic review and meta-analysis. International Ophthalmology, 2021, 41, 3211-3221.	1.4	8
105	Thicker Retinal Nerve Fiber Layer with Age among Schoolchildren: The Hong Kong Children Eye Study. Diagnostics, 2022, 12, 500.	2.6	8
106	Evaluation of SPARC as a candidate gene of juvenile-onset primary open-angle glaucoma by mutation and copy number analyses. Molecular Vision, 2010, 16, 2016-25.	1.1	7
107	A Cohesin Subunit Variant Identified from a Peripheral Sclerocornea Pedigree. Disease Markers, 2019, 2019, 1-8.	1.3	6
108	Association of WNT7B and RSPO1 with Axial Length in School Children. , 2020, 61, 11.		6

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109	Identification of TIE2 as a susceptibility gene for neovascular age-related macular degeneration and polypoidal choroidal vasculopathy. British Journal of Ophthalmology, 2020, 105, bjophthalmol-2019-315746.	3.9	6
110	Development of novel drugs for ocular diseases: possibilities for individualized therapy. Personalized Medicine, 2010, 7, 371-386.	1.5	5
111	Association of polymorphisms in ZFHX1B, KCNQ5 and GJD2 with myopia progression and polygenic risk prediction in children. British Journal of Ophthalmology, 2021, 105, 1751-1757.	3.9	5
112	Optical coherence tomography biomarkers of photoreceptor degeneration in retinitis pigmentosa. International Ophthalmology, 2021, 41, 3949-3959.	1.4	5
113	Comparison of choroidal thickness measurements between spectral domain optical coherence tomography and swept source optical coherence tomography in children. Scientific Reports, 2021, 11, 13749.	3.3	4
114	Delayed Diagnosis of Amblyopia in Children of Lower Socioeconomic Families: The Hong Kong Children Eye Study. Ophthalmic Epidemiology, 2022, 29, 621-628.	1.7	4
115	Clinical features and treatment outcomes of endogenous Klebsiella endophthalmitis: a 12-year review. International Journal of Ophthalmology, 2020, 13, 1933-1940.	1.1	4
116	Association of Corneal Biomechanics Properties with Myopia in a Child and a Parent Cohort: Hong Kong Children Eye Study. Diagnostics, 2021, 11, 2357.	2.6	4
117	rad21 Is Involved in Corneal Stroma Development by Regulating Neural Crest Migration. International Journal of Molecular Sciences, 2020, 21, 7807.	4.1	3
118	Identification and characterization of a novel promoter variant in placental growth factor for neovascular age-related macular degeneration. Experimental Eye Research, 2019, 187, 107748.	2.6	2
119	Fundus Autofluorescence and Optical Coherence Tomography Characteristics in Different Stages of Central Serous Chorioretinopathy. Journal of Ophthalmology, 2021, 2021, 1-9.	1.3	2
120	Differential compensatory role of internal astigmatism in school children and adults: The Hong Kong Children Eye Study. Eye, 2023, 37, 1107-1113.	2.1	2
121	Acupuncture and Amblyopiaâ€”Reply. JAMA Ophthalmology, 2011, 129, 962.	2.4	1
122	Unfair Comparison of In-Office Acupuncture vs At-Home Patching for Amblyopiaâ€”Reply. JAMA Ophthalmology, 2011, 129, 963.	2.4	1
123	Age-Related Macular Degeneration. Asia-Pacific Journal of Ophthalmology, 2013, 2, 211-212.	2.5	1
124	Screening and Referral of Diabetic Retinopathy. Asia-Pacific Journal of Ophthalmology, 2013, 2, 310-316.	2.5	1
125	Reduced photoreceptor outer segment layer thickness in mild commotio retinae without ellipsoid zone disruption. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 1437-1442.	1.9	1
126	Increase in Bruchâ€™s membrane opening minimum rim width with age in healthy children: the Hong Kong Children Eye Study. British Journal of Ophthalmology, 2023, 107, 1344-1349.	3.9	1

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127	Intracameral injection of lidocaine and carbachol. Journal of Cataract and Refractive Surgery, 2005, 31, 1855.	1.5	0
128	Genome-Wide Association Study of Age-Related Eye Diseases in Chinese Population. Essentials in Ophthalmology, 2017, , 209-229.	0.1	0
129	Topical immunosuppressants for blepharitis in adults. The Cochrane Library, 2020, , .	2.8	0
130	Molecular and Clinical Genetics of Retinoblastoma. Essentials in Ophthalmology, 2017, , 243-258.	0.1	0
131	Association ofSIX1-SIX6polymorphisms with peripapillary retinal nerve fibre layer thickness in children. British Journal of Ophthalmology, 2023, 107, 1216-1222.	3.9	0