Zhenglin Yang

List of Publications by Year
in descending order

94	5,252	153493	99504
papers	citations	30 h-index	67 g-index

104	104	104	11847
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. Nature Genetics, 2016, 48, 134-143.	20.4	1,237
2	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. Nature, 2020, 586, 572-577.	36.2	670
3	Seroprevalence of immunoglobulin M and G antibodies against SARS-CoV-2 in China. Nature Medicine, 2020, 26, 1193-1195.	30.1	363
4	Comparison of different samples for 2019 novel coronavirus detection by nucleic acid amplification tests. International Journal of Infectious Diseases, 2020, 93, 264-267.	3.3	292
5	Common variants near ABCA1 and in PMM2 are associated with primary open-angle glaucoma. Nature Genetics, 2014, 46, 1115-1119.	20.4	163
6	New loci and coding variants confer risk for age-related macular degeneration in East Asians. Nature Communications, 2015, 6, 6063.	13.2	152
7	Genetic association study of exfoliation syndrome identifies a protective rare variant at LOXL1 and five new susceptibility loci. Nature Genetics, 2017, 49, 993-1004.	20.4	122
8	Genetic Variants at 13q12.12 Are Associated with High Myopia in the Han Chinese Population. American Journal of Human Genetics, 2011, 88, 805-813.	6.1	109
9	A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892.	3.0	107
10	Genetic and Functional Dissection of HTRA1 and LOC387715 in Age-Related Macular Degeneration. PLoS Genetics, 2010, 6, e1000836.	3.4	101
11	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. Nature Genetics, 2015, 47, 387-392.	20.4	101
12	A Recurrent Missense Mutation in ZP3 Causes Empty Follicle Syndrome and Female Infertility. American Journal of Human Genetics, 2017, 101, 459-465.	6.1	95
13	Genome-wide association analysis of Vogt-Koyanagi-Harada syndrome identifies two new susceptibility loci at 1p31.2 and 10q21.3. Nature Genetics, 2014, 46, 1007-1011.	20.4	91
14	Dysregulated m6A modification promotes lipogenesis and development of non-alcoholic fatty liver disease and hepatocellular carcinoma. Molecular Therapy, 2022, 30, 2342-2353.	8.1	85
15	Detection of serum IgM and IgG for COVID-19 diagnosis. Science China Life Sciences, 2020, 63, 777-780.	5.0	80
16	Dynamic blood single-cell immune responses in patients with COVID-19. Signal Transduction and Targeted Therapy, 2021, 6, 110.	17.5	76
17	Genetic factors define CPO and CLO subtypes of nonsyndromicorofacial cleft. PLoS Genetics, 2019, 15, e1008357.	3.4	74
18	A genome-wide meta-analysis identifies two novel loci associated with high myopia in the Han Chinese population. Human Molecular Genetics, 2013, 22, 2325-2333.	3.0	72

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19	Identification of myopia-associated WNT7B polymorphisms provides insights into the mechanism underlying the development of myopia. Nature Communications, 2015, 6, 6689.	13.2	71
20	Scleral HIF-1Î± is a prominent regulatory candidate for genetic and environmental interactions in human myopia pathogenesis. EBioMedicine, 2020, 57, 102878.	6.0	70
21	A missense variant in FGD6 confers increased risk of polypoidal choroidal vasculopathy. Nature Genetics, 2016, 48, 640-647.	20.4	69
22	Mistrafficking of prenylated proteins causes retinitis pigmentosa 2. FASEB Journal, 2015, 29, 932-942.	0.5	58
23	Catenin Î± 1 mutations cause familial exudative vitreoretinopathy by overactivating Norrin/Î²-catenin signaling. Journal of Clinical Investigation, 2021, 131, .	8.2	45
24	Exome sequencing revealed Notch ligand JAG1 as a novel candidate gene for familial exudative vitreoretinopathy. Genetics in Medicine, 2020, 22, 77-84.	2.4	42
25	Genetic variants in the HLAâ€“DRB1 gene are associated with Kashinâ€Beck disease in the Tibetan population. Arthritis and Rheumatism, 2011, 63, 3408-3416.	6.8	39
26	Human papillomavirus prevalence and risk factors among HIV-negative and HIV-positive women residing in rural Eastern Cape, South Africa. International Journal of Infectious Diseases, 2020, 95, 176-182.	3.3	38
27	Mutation screening in genes known to be responsible for Retinitis Pigmentosa in 98 Small Han Chinese Families. Scientific Reports, 2017, 7, 1948.	3.4	36
28	Aberrant TGF-Î²1 signaling activation by MAF underlies pathological lens growth in high myopia. Nature Communications, 2021, 12, 2102.	13.2	35
29	A Mussel-Inspired Facile Method to Prepare Multilayer-AgNP-Loaded Contact Lens for Early Treatment of Bacterial and Fungal Keratitis. ACS Biomaterials Science and Engineering, 2018, 4, 1568-1579.	5.4	34
30	HTRA1 variant increases risk to neovascular age-related macular degeneration in Chinese population. Vision Research, 2007, 47, 3120-3123.	1.5	31
31	A splicing mutation in aryl hydrocarbon receptor associated with retinitis pigmentosa. Human Molecular Genetics, 2018, 27, 2563-2572.	3.0	30
32	Genetic Variants in PVRL2-TOMM40-APOE Region Are Associated with Human Longevity in a Han Chinese Population. PLoS ONE, 2014, 9, e99580.	2.5	30
33	Association Study of Polymorphisms in Selenoprotein Genes and Kashinâ€“Beck Disease and Serum Selenium/Iodine Concentration in a Tibetan Population. PLoS ONE, 2013, 8, e71411.	2.5	25
34	Brain variability in dynamic resting-state networks identified by fuzzy entropy: a scalp EEG study. Journal of Neural Engineering, 2021, 18, 046097.	3.5	25
35	Variants in the Wnt co-receptor LRP6 are associated with familial exudative vitreoretinopathy. Journal of Genetics and Genomics, 2022, 49, 590-594.	3.9	24
36	Whole-Exome Sequencing Identified DLG1 as a Candidate Gene for Familial Exudative Vitreoretinopathy. Genetic Testing and Molecular Biomarkers, 2021, 25, 309-316.	0.8	23

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37	A genetic variant in IL-6 lowering its expression is protective for critical patients with COVID-19. Signal Transduction and Targeted Therapy, 2022, 7, 112.	17.5	18
38	Exome Sequencing Analysis Identifies Compound Heterozygous Mutation in ABCA4 in a Chinese Family with Stargardt Disease. PLoS ONE, 2014, 9, e91962.	2.5	17
39	Mutation spectrum ofCYP1B1in Chinese patients with primary open-angle glaucoma. British Journal of Ophthalmology, 2015, 99, 425-430.	4.0	17
40	Mutant RAMP2 causes primary open-angle glaucoma via the CRLR-cAMP axis. Genetics in Medicine, 2019, 21, 2345-2354.	2.4	17
41	Modifying strategies for SDF-1/CXCR4 interaction during mesenchymal stem cell transplantation. General Thoracic and Cardiovascular Surgery, 2022, 70, 1-10.	0.9	17
42	Mutation screening of the USH2A gene in retinitis pigmentosa and USHER patients in a Han Chinese population. Eye, 2018, 32, 1608-1614.	2.3	16
43	The ER membrane protein complex subunit Emc3 controls angiogenesis via the FZD4/WNT signaling axis. Science China Life Sciences, 2021, 64, 1868-1883.	5.0	16
44	Evaluation of the Association Between Common Genetic Variants Near theABCA1Gene and Primary Angle Closure Glaucoma in a Han Chinese Population. , 2015, 56, 6248.		15
45	Altered intrinsic brain activity in patients with familial cortical myoclonic tremor and epilepsy: An amplitude of low-frequency fluctuation study. Journal of the Neurological Sciences, 2015, 351, 133-139.	0.6	15
46	Whole-exome sequencing reveals a novel frameshift mutation in the FAM161A gene causing autosomal recessive retinitis pigmentosa in the Indian population. Journal of Human Genetics, 2015, 60, 625-630.	2.3	14
47	Autologous Fat Graft for the Treatment of Sighted Posttraumatic Enophthalmos and Sunken Upper Eyelid. Ophthalmic Plastic and Reconstructive Surgery, 2018, 34, 381-386.	0.9	14
48	Whole-exome sequencing revealed HKDC1 as a candidate gene associated with autosomal-recessive retinitis pigmentosa. Human Molecular Genetics, 2018, 27, 4157-4168.	3.0	14
49	Identification of potential candidate genes and pathways in atrioventricular nodal reentry tachycardia by wholeâ€exome sequencing. Clinical and Translational Medicine, 2020, 10, 238-257.	4.2	14
50	Dysfunction of VIPR2 leads to myopia in humans and mice. Journal of Medical Genetics, 2022, 59, 88-100.	3.6	13
51	A comprehensive analysis of NPHS1 gene mutations in patients with sporadic focal segmental glomerulosclerosis. BMC Medical Genetics, 2019, 20, 111.	2.0	12
52	A Novel PRPF31 Mutation in a Large Chinese Family with Autosomal Dominant Retinitis Pigmentosa and Macular Degeneration. PLoS ONE, 2013, 8, e78274.	2.5	11
53	Update on the application of optic nerve sheath fenestration. Restorative Neurology and Neuroscience, 2017, 35, 275-286.	0.8	11
54	A Case of Hyaluronic Acid Induced Blindness With Ophthalmoplegia and Ptosis. Ophthalmic Plastic and Reconstructive Surgery, 2018, 34, e184-e186.	0.9	11

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55	Whole-exome sequencing identifies a novel homozygous frameshift mutation in the PROM1 gene as a causative mutation in two patients with sporadic retinitis pigmentosa. International Journal of Molecular Medicine, 2016, 37, 1528-1534.	4.1	10
56	Association ofIGF1andIGF1Rgene polymorphisms with high myopia in a Han Chinese population. Ophthalmic Genetics, 2017, 38, 122-126.	0.9	10
57	Sin1 promotes proliferation and invasion of prostate cancer cells by modulating mTORC2-AKT and AR signaling cascades. Life Sciences, 2020, 248, 117449.	4.4	9
58	Novel Compound Heterozygous CBS Mutations Cause Homocystinuria in a Han Chinese Family. Scientific Reports, 2015, 5, 17947.	3.4	8
59	Evaluation of Four Genetic Variants in Han Chinese Subjects with High Myopia. Journal of Ophthalmology, 2015, 2015, 1-6.	1.3	8
60	Identification of a novel MYOC mutation in a Chinese family with primary open-angle glaucoma. Gene, 2015, 571, 188-193.	2.3	8
61	Associations of 6p21.3 Region with Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy. Scientific Reports, 2016, 6, 20914.	3.4	8
62	Association study of candidate genes for susceptibility to Kashin-Beck disease in a Tibetan population. BMC Medical Genetics, 2017, 18, 69.	2.0	8
63	Association of catalase polymorphisms with primary open-angle glaucoma in a Chinese population. Ophthalmic Genetics, 2018, 39, 35-40.	0.9	8
64	CD146 as a promising therapeutic target for retinal and choroidal neovascularization diseases. Science China Life Sciences, 2022, 65, 1157-1170.	5.0	8
65	Whole exome sequencing identified novel CRB1 mutations in Chinese and Indian populations with autosomal recessive retinitis pigmentosa. Scientific Reports, 2016, 6, 33681.	3.4	7
66	Evaluation of FGF10 as a candidate gene for high myopia in a Han Chinese population. Eye and Vision (London, England), 2019, 6, 33.	3.3	7
67	Identification of Novel Mutations in the FZD4 and NDP Genes in Patients with Familial Exudative Vitreoretinopathy in South India. Genetic Testing and Molecular Biomarkers, 2020, 24, 92-98.	0.8	7
68	A quick protocol for the preparation of mouse retinal cryosections for immunohistochemistry. Open Biology, 2021, 11, 210076.	3.7	7
69	Loss of Wtap results in cerebellar ataxia and degeneration of Purkinje cells. Journal of Genetics and Genomics, 2022, 49, 847-858.	3.9	7
70	A novel mutation in LMX1B gene causes nail-patella syndrome in a large Chinese family. Bone, 2008, 43, 591-595.	3.0	6
71	Heterozygote lossâ€ofâ€function variants in the LRP5 gene cause familial exudative vitreoretinopathy. Clinical and Experimental Ophthalmology, 2022, 50, 441-448.	2.9	6
72	A novel deleterious mutation in the COMP gene that causes pseudoachondroplasia. Human Genome Variation, 2016, 3, 16009.	1.5	5

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73	Targeted next-generation sequencing reveals that a compound heterozygous mutation in phosphodiesterase 6a gene leads to retinitis pigmentosa in a Chinese family. Ophthalmic Genetics, 2018, 39, 487-491.	0.9	5
74	A novel deletion downstream of the PAX6 gene identified in a Chinese family with congenital aniridia. Ophthalmic Genetics, 2018, 39, 428-436.	0.9	5
75	Improving Detection Efficiency of SARS-CoV-2 Nucleic Acid Testing. Frontiers in Cellular and Infection Microbiology, 2020, 10, 558472.	4.0	5
76	Evaluation of genome-wide susceptibility loci for high myopia in a Han Chinese population. Ophthalmic Genetics, 2017, 38, 330-334.	0.9	4
77	Mutation screening in the FBN1 gene responsible for Marfan syndrome and related disorder in Chinese families. Molecular Genetics & Genomic Medicine, 2019, 7, e00594.	1.3	4
78	G-Protein-Coupled Estrogen Receptor 1 Promotes Gender Disparities in Hepatocellular Carcinoma via Modulation of SIN1 and mTOR Complex 2 Activity. Molecular Cancer Research, 2020, 18, 1863-1875.	3.5	4
79	Whole-Exome Sequencing Reveals Novel TSPAN12 Variants in Autosomal Dominant Familial Exudative Vitreoretinopathy. Genetic Testing and Molecular Biomarkers, 2021, 25, 399-404.	0.8	4
80	PDE4B Proposed as a High Myopia Susceptibility Gene in Chinese Population. Frontiers in Genetics, 2021, 12, 775797.	2.3	4
81	Exploring the R-ISS stage-specific regular networks in the progression of multiple myeloma at single-cell resolution. Science China Life Sciences, 2022, 65, 1811-1823.	5.0	4
82	The Clinical Prognosis of Presence and Location of Late Gadolinium Enhancement by Cardiac Magnetic Resonance Imaging in Patients with Hypertrophic Cardiomyopathy: a Single-Center Cohort Study. Journal of Cardiovascular Translational Research, 2021, 14, 1001-1016.	2.5	3
83	Mutation in connexin 32 causes charcotâ€“marieâ€“tooth disease in a large Chinese family. Muscle and Nerve, 2010, 42, 715-721.	2.3	2
84	Association of coding and UTR variants in the known regions with wet age-related macular degeneration in Han Chinese population. Journal of Human Genetics, 2018, 63, 1055-1070.	2.3	2
85	A fetal mouse model of ventricular non-compaction using retinoic acid. Pathology Research and Practice, 2019, 215, 152496.	2.3	2
86	Identification of novel variants in the FZD4 gene associated with familial exudative vitreoretinopathy in Chinese families. Clinical and Experimental Ophthalmology, 2020, 48, 356-365.	2.9	2
87	Characterization of guanine nucleotide exchange activity of DH domain of human FGD2. Protein Expression and Purification, 2020, 176, 105693.	1.4	2
88	The association of OPG polymorphisms with diabetic retinopathy in Chinese population. Ophthalmic Genetics, 2021, 42, 1-5.	0.9	2
89	Association of genetic variants in PDGFRA with high myopia in the Han population of southwestern China. Ophthalmic Genetics, 2022, 43, 184-190.	0.9	2
90	A novel frameshift variant in the TSPAN12 gene causes autosomal dominant <scp>FEVR</scp>. Molecular Genetics & Genomic Medicine, 2022, 10, e1949.	1.3	2

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91	Genetic Association Study Between the COL11A1 and COL18A1 Genes and High Myopia in a Han Chinese Population. Genetic Testing and Molecular Biomarkers, 2018, 22, 359-365.	0.8	1
92	A splicing mutation in aryl hydrocarbon receptor associated with retinitis pigmentosa. Human Molecular Genetics, 2018, 27, 2587-2587.	3.0	1
93	A modified method for preparation of fluorescent MantGDP bound CDC42. Analytical Biochemistry, 2020, 610, 113846.	2.5	1
94	Probing the Functional and Structural Connectivity Underlying EEG Traveling Waves. Brain Topography, 2022, 35, 66-78.	1.8	1