

# Yingfeng Zheng

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

47  
papers

3,624  
citations

20  
h-index

53  
g-index

53  
ext. papers

4,842  
ext. citations

8.2  
avg. IF

5.07  
L-index

#	Paper	IF	Citations
47	Predicting Optical Coherence Tomography-Derived High Myopia Grades From Fundus Photographs Using Deep Learning.. <i>Frontiers in Medicine</i> , <b>2022</b> , 9, 842680	4.9	1
46	Functional analysis of human circulating immune cells based on high-dimensional mass cytometry.. <i>STAR Protocols</i> , <b>2022</b> , 3, 101310	1.4	0
45	Prevalence, incidence, and risk factors for myopia among urban and rural children in southern China: protocol for a school-based cohort study. <i>BMJ Open</i> , <b>2021</b> , 11, e049846	3	0
44	Effects of poor sleep on the immune cell landscape as assessed by single-cell analysis. <i>Communications Biology</i> , <b>2021</b> , 4, 1325	6.7	3
43	Express Medicine-Potential for Home-Based Medical Care. <i>JAMA Ophthalmology</i> , <b>2021</b> , 139, 269-270	3.9	1
42	A Peer-to-Peer Live-Streaming Intervention for Children During COVID-19 Homeschooling to Promote Physical Activity and Reduce Anxiety and Eye Strain: Cluster Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e24316	7.6	11
41	EyeHealer: A large-scale anterior eye segment dataset with eye structure and lesion annotations. <i>Precision Clinical Medicine</i> , <b>2021</b> , 4, 85-92	6.7	1
40	Single-Cell Analysis Reveals the Heterogeneity of Monocyte-Derived and Peripheral Type-2 Conventional Dendritic Cells. <i>Journal of Immunology</i> , <b>2021</b> , 207, 837-848	5.3	1
39	High-dimensional single-cell analysis reveals the immune characteristics of COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2021</b> , 320, L84-L98	5.8	9
38	A decision aid to facilitate informed choices among cataract patients: A randomized controlled trial. <i>Patient Education and Counseling</i> , <b>2021</b> , 104, 1295-1303	3.1	1
37	Effects of sex and aging on the immune cell landscape as assessed by single-cell transcriptomic analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	8
36	Integrated single-cell analysis revealed immune dynamics during Ad5-nCoV immunization. <i>Cell Discovery</i> , <b>2021</b> , 7, 64	22.3	3
35	Immune Cell Landscape of Patients With Diabetic Macular Edema by Single-Cell RNA Analysis. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 754933	5.6	0
34	Immune cell profiling of COVID-19 patients in the recovery stage by single-cell sequencing. <i>Cell Discovery</i> , <b>2020</b> , 6, 31	22.3	423
33	Patient-centred and economic effectiveness of a decision aid for patients with age-related cataract in China: study protocol of a randomised controlled trial. <i>BMJ Open</i> , <b>2020</b> , 10, e032242	3	2
32	Knowledge about benefits and risks of undergoing cataract surgery among cataract patients in Southern China. <i>International Ophthalmology</i> , <b>2020</b> , 40, 2889-2899	2.2	0
31	Effect of a complex intervention to improve post-vision screening referral compliance among pre-school children in China: A cluster randomized clinical trial. <i>EClinicalMedicine</i> , <b>2020</b> , 19, 100258	11.3	4

30	Development and preliminary evaluation of a decision aid to support informed choice among patients with age-related cataract. <i>International Ophthalmology</i> , <b>2020</b> , 40, 1487-1499	2.2	0
29	An Integrated Gene Expression Landscape Profiling Approach to Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. <i>Cancer Cell</i> , <b>2020</b> , 37, 21-36.e13	24.3	93
28	Single-Cell RNA Sequencing Maps Endothelial Metabolic Plasticity in Pathological Angiogenesis. <i>Cell Metabolism</i> , <b>2020</b> , 31, 862-877.e14	24.6	67
27	Differential expression of $\beta$ and $\beta$ integrins reveals epidermal heterogeneity at single-cell resolution. <i>Journal of Cellular Biochemistry</i> , <b>2020</b> , 121, 2664-2676	4.7	1
26	MiR-22-3p inhibits fibrotic cataract through inactivation of HDAC6 and increase of $\beta$ tubulin acetylation. <i>Cell Proliferation</i> , <b>2020</b> , 53, e12911	7.9	4
25	Single-cell RNA cap and tail sequencing (scRCAT-seq) reveals subtype-specific isoforms differing in transcript demarcation. <i>Nature Communications</i> , <b>2020</b> , 11, 5148	17.4	5
24	A human circulating immune cell landscape in aging and COVID-19. <i>Protein and Cell</i> , <b>2020</b> , 11, 740-770	7.2	88
23	The noncoding and coding transcriptional landscape of the peripheral immune response in patients with COVID-19. <i>Clinical and Translational Medicine</i> , <b>2020</b> , 10, e200	5.7	43
22	Multimodal imaging of the retina and choroid in healthy <i>Macaca fascicularis</i> at different ages. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , <b>2019</b> , 257, 455-463	3.8	4
21	Dynamic expression of $\beta$ integrin indicates epidermal cell behaviors. <i>Biochemical and Biophysical Research Communications</i> , <b>2019</b> , 515, 119-124	3.4	
20	Prevalence and causes of childhood blindness in Huidong County, South China, primary ascertained by the key informants. <i>BMJ Open Ophthalmology</i> , <b>2019</b> , 4, e000240	3.2	0
19	Necroptosis in microglia contributes to neuroinflammation and retinal degeneration through TLR4 activation. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 180-189	12.7	77
18	Glutathione depletion induces ferroptosis, autophagy, and premature cell senescence in retinal pigment epithelial cells. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 753	9.8	167
17	Prediction of myopia development among Chinese school-aged children using refraction data from electronic medical records: A retrospective, multicentre machine learning study. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002674	11.6	49
16	Global causes of blindness and distance vision impairment 1990-2020: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , <b>2017</b> , 5, e1221-e1234	13.6	1218
15	Preferences for participation in shared decision-making among cataract patients in urban southern China: a cross-sectional study. <i>Lancet, The</i> , <b>2016</b> , 388, S56	4.0	8
14	Willingness to Pay for Cataract Surgery Provided by a Senior Surgeon in Urban Southern China. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142858	3.7	5
13	How much eye care services do Asian populations need? Projection from the Singapore Epidemiology of Eye Disease (SEED) study <b>2013</b> , 54, 2171-7		25

12	Phenotypic and genetic correlation of blood pressure and body mass index with retinal vascular caliber in children and adolescents: the Guangzhou twin eye study <b>2013</b> , 54, 423-8		9
11	The worldwide epidemic of diabetic retinopathy. <i>Indian Journal of Ophthalmology</i> , <b>2012</b> , 60, 428-31	1.6	305
10	Intraocular pressure, central corneal thickness, and glaucoma in chinese adults: the liwan eye study. <i>American Journal of Ophthalmology</i> , <b>2011</b> , 152, 454-462.e1	4.9	59
9	Prevalence and causes of visual impairment and blindness in an urban Indian population: the Singapore Indian Eye Study. <i>Ophthalmology</i> , <b>2011</b> , 118, 1798-804	7.3	109
8	Distribution and heritability of intraocular pressure in chinese children: the Guangzhou twin eye study <b>2009</b> , 50, 2040-3		14
7	Prevalence of myopia in urban and rural children in mainland China. <i>Optometry and Vision Science</i> , <b>2009</b> , 86, 40-4	2.1	129
6	Heritability of central corneal thickness in Chinese: the Guangzhou Twin Eye Study <b>2008</b> , 49, 4303-7		49
5	Distribution of central and peripheral corneal thickness in Chinese children and adults: the Guangzhou twin eye study. <i>Cornea</i> , <b>2008</b> , 27, 776-81	3.1	32
4	Refractive error and visual impairment in school children in rural southern China. <i>Ophthalmology</i> , <b>2007</b> , 114, 374-82	7.3	268
3	The Guangzhou Twin Project. <i>Twin Research and Human Genetics</i> , <b>2006</b> , 9, 753-757	2.2	35
2	Prevalence and clinical characteristics of glaucoma in adult Chinese: a population-based study in Liwan District, Guangzhou. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 2782-8		245
1	Immune Cell Profiling of COVID-19 Patients in the Recovery Stage by Single-Cell Sequencing		16