Haotian Lin

List of Publications by Year
in descending order

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Version: 2024-02-01

168 papers	4,288 citations	147566 31 h-index	155451 55 g-index
175 all docs	175 docs citations	175 times ranked	4288 citing authors

#	Article	IF	Citations
1	Prevalence of depression and depressive symptoms among outpatients: a systematic review and meta-analysis. BMJ Open, 2017, 7, e017173.	0.8	278
2	Digital technology, tele-medicine and artificial intelligence in ophthalmology: A global perspective. Progress in Retinal and Eye Research, 2021, 82, 100900.	7.3	261
3	An artificial intelligence platform for the multihospital collaborative management of congenital cataracts. Nature Biomedical Engineering, 2017, 1, .	11.6	234
4	Lens regeneration using endogenous stem cells with gain of visual function. Nature, 2016, 531, 323-328.	13.7	171
5	Prevalence and epidemiological characteristics of congenital cataract: a systematic review and meta-analysis. Scientific Reports, 2016, 6, 28564.	1.6	127
6	Diagnostic Efficacy and Therapeutic Decision-making Capacity of an Artificial Intelligence Platform for Childhood Cataracts in Eye Clinics: A Multicentre Randomized Controlled Trial. EClinicalMedicine, 2019, 9, 52-59.	3.2	117
7	Artificial intelligence for anterior segment diseases: Emerging applications in ophthalmology. British Journal of Ophthalmology, 2021, 105, 158-168.	2.1	110
8	The Prevalence of Depression and Depressive Symptoms among Eye Disease Patients: A Systematic Review and Meta-analysis. Scientific Reports, 2017, 7, 46453.	1.6	104
9	Prediction of myopia development among Chinese school-aged children using refraction data from electronic medical records: A retrospective, multicentre machine learning study. PLoS Medicine, 2018, 15, e1002674.	3.9	93
10	Factors influencing subspecialty choice among medical students: a systematic review and meta-analysis. BMJ Open, 2019, 9, e022097.	0.8	92
11	Universal artificial intelligence platform for collaborative management of cataracts. British Journal of Ophthalmology, 2019, 103, 1553-1560.	2.1	87
12	Effectiveness of a Short Message Reminder in Increasing Compliance with Pediatric Cataract Treatment. Ophthalmology, 2012, 119, 2463-2470.	2.5	84
13	Localization and diagnosis framework for pediatric cataracts based on slit-lamp images using deep features of a convolutional neural network. PLoS ONE, 2017, 12, e0168606.	1.1	72
14	Development and validation of deep learning algorithms for scoliosis screening using back images. Communications Biology, 2019, 2, 390.	2.0	72
15	Application of Comprehensive Artificial intelligence Retinal Expert (CARE) system: a national real-world evidence study. The Lancet Digital Health, 2021, 3, e486-e495.	5.9	65
16	Intervention Strategies for Improving Patient Adherence to Follow-Up in the Era of Mobile Information Technology: A Systematic Review and Meta-Analysis. PLoS ONE, 2014, 9, e104266.	1.1	56
17	Psychosocial Factors Affecting Artificial Intelligence Adoption in Health Care in China: Cross-Sectional Study. Journal of Medical Internet Research, 2019, 21, e14316.	2.1	56
18	Artificial intelligence, the internet of things, and virtual clinics: ophthalmology at the digital translation forefront. The Lancet Digital Health, 2020, 2, e8-e9.	5.9	55

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19	Implementation of artificial intelligence in medicine: Status analysis and development suggestions. Artificial Intelligence in Medicine, 2020, 102, 101780.	3.8	53
20	Metaâ€analysis of accuracy of intraocular lens power calculation formulas in short eyes. Clinical and Experimental Ophthalmology, 2018, 46, 356-363.	1.3	52
21	Accuracy of intraocular lens power calculation formulas in long eyes: a systematic review and metaâ€analysis. Clinical and Experimental Ophthalmology, 2018, 46, 738-749.	1.3	51
22	Screening Candidates for Refractive Surgery With Corneal Tomographicâ€“Based Deep Learning. JAMA Ophthalmology, 2020, 138, 519.	1.4	51
23	Deep learning for detecting retinal detachment and discerning macular status using ultra-widefield fundus images. Communications Biology, 2020, 3, 15.	2.0	48
24	Slippery Liquid-Attached Surface for Robust Biofouling Resistance. ACS Biomaterials Science and Engineering, 2020, 6, 358-366.	2.6	44
25	Distribution of axial length, anterior chamber depth, and corneal curvature in an aged population in South China. BMC Ophthalmology, 2016, 16, 47.	0.6	42
26	Dense anatomical annotation of slit-lamp images improves the performance of deep learning for the diagnosis of ophthalmic disorders. Nature Biomedical Engineering, 2020, 4, 767-777.	11.6	42
27	Comparative analysis of image classification methods for automatic diagnosis of ophthalmic images. Scientific Reports, 2017, 7, 41545.	1.6	41
28	An Interpretable and Expandable Deep Learning Diagnostic System for Multiple Ocular Diseases: Qualitative Study. Journal of Medical Internet Research, 2018, 20, e11144.	2.1	41
29	Automatic diagnosis of imbalanced ophthalmic images using a cost-sensitive deep convolutional neural network. BioMedical Engineering OnLine, 2017, 16, 132.	1.3	36
30	Development and validation of a deep learning system to screen vision-threatening conditions in high myopia using optical coherence tomography images. British Journal of Ophthalmology, 2022, 106, 633-639.	2.1	36
31	A deep learning system for identifying lattice degeneration and retinal breaks using ultra-widefield fundus images. Annals of Translational Medicine, 2019, 7, 618-618.	0.7	36
32	Co-delivery of metformin and levofloxacin hydrochloride using biodegradable thermosensitive hydrogel for the treatment of corneal neovascularization. Drug Delivery, 2019, 26, 522-531.	2.5	34
33	A novel FK506 loaded nanomicelles consisting of amino-terminated poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 Td International Journal of Pharmaceutics, 2019, 562, 1-10.	2.6	34
34	Visual Restoration after Cataract Surgery Promotes Functional and Structural Brain Recovery. EBioMedicine, 2018, 30, 52-61.	2.7	33
35	Documenting rare disease data in China. Science, 2015, 349, 1064-1064.	6.0	32
36	Comparative meta-analysis of toric intraocular lens alignment accuracy in cataract patients: Image-guided system versus manual marking. Journal of Cataract and Refractive Surgery, 2019, 45, 1340-1345.	0.7	31

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37	The combination of brain-computer interfaces and artificial intelligence: applications and challenges. Annals of Translational Medicine, 2020, 8, 712-712.	0.7	31
38	Deep learning-based automated diagnosis of fungal keratitis with in vivo confocal microscopy images. Annals of Translational Medicine, 2020, 8, 706-706.	0.7	31
39	Identification of an intraocular microbiota. Cell Discovery, 2021, 7, 13.	3.1	30
40	Deep learning for automated glaucomatous optic neuropathy detection from ultra-widefield fundus images. British Journal of Ophthalmology, 2021, 105, 1548-1554.	2.1	29
41	Congenital Cataract: Prevalence and Surgery Age at Zhongshan Ophthalmic Center (ZOC). PLoS ONE, 2014, 9, e101781.	1.1	28
42	A practical model for the identification of congenital cataracts using machine learning. EBioMedicine, 2020, 51, 102621.	2.7	28
43	Sprouty2 Suppresses Epithelial-Mesenchymal Transition of Human Lens Epithelial Cells through Blockade of Smad2 and ERK1/2 Pathways. PLoS ONE, 2016, 11, e0159275.	1.1	28
44	Modified Team-Based Learning in an Ophthalmology Clerkship in China. PLoS ONE, 2016, 11, e0154250.	1.1	27
45	Application of artificial intelligence in cataract management: current and future directions. Eye and Vision (London, England), 2022, 9, 3.	1.4	27
46	10-Year Overview of the Hospital-Based Prevalence and Treatment of Congenital Cataracts: The CCPMOH Experience. PLoS ONE, 2015, 10, e0142298.	1.1	26
47	Ocular Hypertension after Pediatric Cataract Surgery: Baseline Characteristics and First-Year Report. PLoS ONE, 2013, 8, e69867.	1.1	25
48	Effectiveness of an Ophthalmic Hospital-Based Virtual Service during the COVID-19 Pandemic. Ophthalmology, 2021, 128, 942-945.	2.5	25
49	An Artificial Intelligence System for the Detection of Bladder Cancer via Cystoscopy: A Multicenter Diagnostic Study. Journal of the National Cancer Institute, 2022, 114, 220-227.	3.0	24
50	Discrepant Expression of Cytokines in Inflammation- and Age-Related Cataract Patients. PLoS ONE, 2014, 9, e109647.	1.1	24
51	Automatic identification of myopia based on ocular appearance images using deep learning. Annals of Translational Medicine, 2020, 8, 705-705.	0.7	23
52	Artificial intelligence manages congenital cataract with individualized prediction and telehealth computing. Npj Digital Medicine, 2020, 3, 112.	5.7	22
53	Development and Evaluation of a Deep Learning System for Screening Retinal Hemorrhage Based on Ultra-Widefield Fundus Images. Translational Vision Science and Technology, 2020, 9, 3.	1.1	22
54	Capsular Outcomes Differ with Capsulorhexis Sizes after Pediatric Cataract Surgery: A Randomized Controlled Trial. Scientific Reports, 2015, 5, 16227.	1.6	21

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55	Rescue Sedation With Intranasal Dexmedetomidine for Pediatric Ophthalmic Examination After Chloral Hydrate Failure: A Randomized, Controlled Trial. Clinical Therapeutics, 2016, 38, 1522-1529.	1.1	21
56	Application of artificial intelligence in anterior segment ophthalmic diseases: diversity and standardization. Annals of Translational Medicine, 2020, 8, 714-714.	0.7	21
57	Development and effects of tacrolimus-loaded nanoparticles on the inhibition of corneal allograft rejection. Drug Delivery, 2019, 26, 290-299.	2.5	20
58	Prediction of Tumor Shrinkage Pattern to Neoadjuvant Chemotherapy Using a Multiparametric MRI-Based Machine Learning Model in Patients With Breast Cancer. Frontiers in Bioengineering and Biotechnology, 2021, 9, 662749.	2.0	20
59	Expression of Cytokines, Chmokines and Growth Factors in Patients Undergoing Cataract Surgery with Femtosecond Laser Pretreatment. PLoS ONE, 2015, 10, e0137227.	1.1	20
60	A Novel Congenital Cataract Category System Based on Lens Opacity Locations and Relevant Anterior Segment Characteristics. , 2016, 57, 6389.		19
61	Comparisons of the in-the-bag stabilities of single-piece and three-piece intraocular lenses for age-related cataract patients: a randomized controlled trial. BMC Ophthalmology, 2016, 16, 100.	0.6	19
62	Automated detection of retinal exudates and drusen in ultra-widefield fundus images based on deep learning. Eye, 2022, 36, 1681-1686.	1.1	19
63	Topical 0.1% Bromfenac Sodium for Intraoperative Miosis Prevention and Prostaglandin E₂ Inhibition in Femtosecond Laser-Assisted Cataract Surgery. Journal of Ocular Pharmacology and Therapeutics, 2017, 33, 193-201.	0.6	18
64	Predicting the progression of ophthalmic disease based on slit-lamp images using a deep temporal sequence network. PLoS ONE, 2018, 13, e0201142.	1.1	18
65	Tacrolimus-loaded methoxy poly(ethylene glycol)-block-poly(D,L)-lacticâ€“co-glycolic acid micelles self-assembled in aqueous solution for treating cornea immune rejection after allogenic penetrating keratoplasty in rats. European Journal of Pharmaceutical Sciences, 2019, 133, 104-114.	1.9	18
66	Loss-of-function mutations in FREM2 disrupt eye morphogenesis. Experimental Eye Research, 2019, 181, 302-312.	1.2	18
67	Predicting Post-Therapeutic Visual Acuity and OCT Images in Patients With Central Serous Chorioretinopathy by Artificial Intelligence. Frontiers in Bioengineering and Biotechnology, 2021, 9, 649221.	2.0	18
68	Prevalence of Corneal Astigmatism and Anterior Segmental Biometry Characteristics Before Surgery in Chinese Congenital Cataract Patients. Scientific Reports, 2016, 6, 22092.	1.6	17
69	Deep learning from â€œpassive feedingâ€•to â€œselective eatingâ€•of real-world data. Npj Digital Medicine, 2020, 3, 143.	5.7	17
70	Extracellular vesicles promote epithelial-to-mesenchymal transition of lens epithelial cells under oxidative stress. Experimental Cell Research, 2021, 398, 112362.	1.2	17
71	Artificial intelligence for cellular phenotyping diagnosis of nasal polyps by whole-slide imaging. EBioMedicine, 2021, 66, 103336.	2.7	17
72	Post-keratoplasty Infectious Keratitis: Epidemiology, Risk Factors, Management, and Outcomes. Frontiers in Medicine, 2021, 8, 707242.	1.2	17

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73	Distribution of Axial Length before Cataract Surgery in Chinese Pediatric Patients. Scientific Reports, 2016, 6, 23862.	1.6	16
74	Monitoring and Morphologic Classification of Pediatric Cataract Using Slit-Lamp-Adapted Photography. Translational Vision Science and Technology, 2017, 6, 2.	1.1	15
75	Machine learning models for prognosis prediction in endodontic microsurgery. Journal of Dentistry, 2022, 118, 103947.	1.7	15
76	Proteomics analysis and proteogenomic characterization of different physiopathological human lenses. BMC Ophthalmology, 2017, 17, 253.	0.6	14
77	Attitudes towards medical artificial intelligence talent cultivation: an online survey study. Annals of Translational Medicine, 2020, 8, 708-708.	0.7	14
78	Artificial intelligence-tutoring problem-based learning in ophthalmology clerkship. Annals of Translational Medicine, 2020, 8, 700-700.	0.7	14
79	In-the-Bag Intraocular Lens Placement via Secondary Capsulorhexis with Radiofrequency Diathermy in Pediatric Aphakic Eyes. PLoS ONE, 2013, 8, e62381.	1.1	14
80	In-the-Bag Versus Ciliary Sulcus Secondary Intraocular Lens Implantation for Pediatric Aphakia: A Prospective Comparative Study. American Journal of Ophthalmology, 2022, 236, 183-192.	1.7	14
81	Development and Effects of FTY720 Ophthalmic Solution on Corneal Allograft Survival. Scientific Reports, 2015, 5, 16468.	1.6	13
82	Discrimination of the behavioural dynamics of visually impaired infants via deep learning. Nature Biomedical Engineering, 2019, 3, 860-869.	11.6	13
83	The impact of an interactive, multifaceted education approach for congenital cataract on parental anxiety, knowledge and satisfaction: A randomized, controlled trial. Patient Education and Counseling, 2020, 103, 321-327.	1.0	13
84	Optical coherence tomography angiography helps distinguish multiple sclerosis from AQP4â€IgGâ€seropositive neuromyelitis optica spectrum disorder. Brain and Behavior, 2021, 11, e02125.	1.0	13
85	Preoperative and postoperative measurements of retinal vessel oxygen saturation in patients with different grades of cataracts. Acta Ophthalmologica, 2017, 95, e436-e442.	0.6	12
86	Liu et al. reply. Nature, 2018, 556, E3-E4.	13.7	12
87	A human-in-the-loop deep learning paradigm for synergic visual evaluation in children. Neural Networks, 2020, 122, 163-173.	3.3	12
88	Incidence of and Risk Factors for Suspected Glaucoma and Glaucoma After Congenital and Infantile Cataract Surgery: A Longitudinal Study in China. Journal of Glaucoma, 2020, 29, 46-52.	0.8	12
89	Optical Coherence Tomography Angiography Reveals Distinct Retinal Structural and Microvascular Abnormalities in Cerebrovascular Disease. Frontiers in Neuroscience, 2020, 14, 588515.	1.4	12
90	Comparison of Visual Neuroadaptations After Multifocal and Monofocal Intraocular Lens Implantation. Frontiers in Neuroscience, 2021, 15, 648863.	1.4	12

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91	Anterior segment variations after posterior chamber phakic intraocular lens implantation in myopic eyes. Journal of Cataract and Refractive Surgery, 2013, 39, 730-738.	0.7	11
92	Lens regeneration in humans: using regenerative potential for tissue repairing. Annals of Translational Medicine, 2020, 8, 1544-1544.	0.7	11
93	Differentiate cavernous hemangioma from schwannoma with artificial intelligence (AI). Annals of Translational Medicine, 2020, 8, 710-710.	0.7	11
94	Artificial intelligence deciphers codes for color and odor perceptions based on large-scale chemoinformatic data. GigaScience, 2020, 9, .	3.3	11
95	Spatial Technology Assessment of Green Space Exposure andÂMyopia. Ophthalmology, 2022, 129, 113-117.	2.5	11
96	Visual Outcome and Related Factors in Bilateral Total Congenital Cataract Patients: A Prospective Cohort Study. Scientific Reports, 2016, 6, 31307.	1.6	10
97	Lymphatic microvessel density as a predictive marker for the recurrence time of pterygium: a three-year follow-up study. Molecular Vision, 2013, 19, 166-73.	1.1	10
98	Preoperative profile of inflammatory factors in aqueous humor correlates with postoperative inflammatory response in patients with congenital cataract. Molecular Vision, 2018, 24, 414-424.	1.1	10
99	Patient participation in free cataract surgery: a cross-sectional study of the low-income elderly in urban China. BMJ Open, 2016, 6, e011061.	0.8	9
100	Interocular anatomical and visual functional differences in pediatric patients with unilateral cataracts. BMC Ophthalmology, 2016, 16, 192.	0.6	9
101	The associations of high academic performance with childhood ametropia prevalence and myopia development in China. Annals of Translational Medicine, 2021, 9, 745-745.	0.7	9
102	Development and validation of a deep learning system to classify aetiology and predict anatomical outcomes of macular hole. British Journal of Ophthalmology, 2023, 107, 109-115.	2.1	9
103	Femtosecond laser combined with non-chopping rotation phacoemulsification technique for soft-nucleus cataract surgery: a prospective study. Scientific Reports, 2016, 6, 18684.	1.6	8
104	Timing and approaches in congenital cataract surgery: a randomised controlled trial. Lancet, The, 2016, 388, S52.	6.3	8
105	Automatic classification of heterogeneous slit-illumination images using an ensemble of cost-sensitive convolutional neural networks. Annals of Translational Medicine, 2021, 9, 550-550.	0.7	8
106	Broadening the Mutation Spectrum in GJA8 and CHMP4B: Novel Missense Variants and the Associated Phenotypes in Six Chinese Han Congenital Cataracts Families. Frontiers in Medicine, 2021, 8, 713284.	1.2	8
107	Cytotoxic effect of HIV-1 gp120 on primary cultured human retinal capillary endothelial cells. Molecular Vision, 2011, 17, 3450-7.	1.1	8
108	Developmental profile of ocular refraction in patients with congenital cataract: a prospective cohort study. Lancet, The, 2016, 388, S54.	6.3	7

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109	Exploring the growth patterns of medical demand for eye care: a longitudinal hospital-level study over 10 years in China. Annals of Translational Medicine, 2020, 8, 1374-1374.	0.7	7
110	Comparison of macular structural and vascular changes in neuromyelitis optica spectrum disorder and primary open angle glaucoma: a cross-sectional study. British Journal of Ophthalmology, 2021, 105, 354-360.	2.1	7
111	Prevalence and Determinants Associated With Spectacle-Wear Compliance in Aphakic Infants. Translational Vision Science and Technology, 2018, 7, 5.	1.1	6
112	A safe treatment for congenital fibrovascular pupillary membrane. European Journal of Ophthalmology, 2020, 30, 1143-1148.	0.7	6
113	An artificial intelligent platform for live cell identification and the detection of cross-contamination. Annals of Translational Medicine, 2020, 8, 697-697.	0.7	6
114	Associations Between Regional Environment and Cornea-Related Morphology of the Eye in Young Adults: A Large-Scale Multicenter Cross-Sectional Study. , 2021, 62, 35.		6
115	An artificial intelligence platform for the diagnosis and surgical planning of strabismus using corneal light-reflection photos. Annals of Translational Medicine, 2021, 9, 374-374.	0.7	6
116	Anterior Segment and Others in Teleophthalmology: Past, Present, and Future. Asia-Pacific Journal of Ophthalmology, 2021, 10, 234-243.	1.3	6
117	Improving the Generalizability of Infantile Cataracts Detection via Deep Learning-Based Lens Partition Strategy and Multicenter Datasets. Frontiers in Medicine, 2021, 8, 664023.	1.2	6
118	Intraocular Lens-Shell Technique: Adjustment of the Surgical Procedure Leads to Greater Safety When Treating Dense Nuclear Cataracts. PLoS ONE, 2014, 9, e112663.	1.1	6
119	Association of OGG1 and MTHFR polymorphisms with age-related cataract: A systematic review and meta-analysis. PLoS ONE, 2017, 12, e0172092.	1.1	6
120	Augmented Reality in Ophthalmology: Applications and Challenges. Frontiers in Medicine, 2021, 8, 733241.	1.2	6
121	Intelligent cataract surgery supervision and evaluation via deep learning. International Journal of Surgery, 2022, 104, 106740.	1.1	6
122	Preventive Scleral Buckling and Silicone Oil Tamponade Are Important for Posttraumatic Endophthalmitis Successfully Managed with Vitrectomy. Ophthalmologica, 2011, 226, 214-219.	1.0	5
123	Eye can see a nest of worms!. Lancet, The, 2012, 379, e42.	6.3	5
124	Dynamic response to initial stage blindness in visual system development. Clinical Science, 2017, 131, 1515-1527.	1.8	5
125	Construction and implications of structural equation modeling network for pediatric cataract: a data mining research of rare diseases. BMC Ophthalmology, 2017, 17, 74.	0.6	5
126	Using artificial intelligence to improve medical services in China. Annals of Translational Medicine, 2020, 8, 711-711.	0.7	5

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127	Real-world big data demonstrates prevalence trends and developmental patterns of myopia in China: a retrospective, multicenter study. Annals of Translational Medicine, 2021, 9, 554-554.	0.7	5
128	Deep Learning for Detecting Subretinal Fluid and Discerning Macular Status by Fundus Images in Central Serous Chorioretinopathy. Frontiers in Bioengineering and Biotechnology, 2021, 9, 651340.	2.0	5
129	Progress of application of sedation technique in pediatric ocular examination. Yan Ke Xue Bao = Eye Science, 2014, 29, 186-92.	0.1	5
130	Primary Culture of Human Bloodâ€“Retinal Barrier Cells and Preliminary Study of APOBEC3 Expression: An In Vitro Study. , 2009, 50, 4436.		4
131	Blockchain: chaining digital health to a new era. Annals of Translational Medicine, 2020, 8, 696-696.	0.7	4
132	The value and implementation of routine ophthalmic examination in the era of HAART. EClinicalMedicine, 2021, 31, 100646.	3.2	4
133	Predicting subretinal fluid absorption with machine learning in patients with central serous chorioretinopathy. Annals of Translational Medicine, 2021, 9, 242-242.	0.7	4
134	Elongated axial length and myopia-related fundus changes associated with the Arg130Cys mutation in the LIM2 gene in four Chinese families with congenital cataracts. Annals of Translational Medicine, 2021, 9, 235-235.	0.7	4
135	Significance of axial length monitoring in children with congenital cataract and update of measurement methods. Yan Ke Xue Bao = Eye Science, 2013, 28, 95-102.	0.1	4
136	Application of visual electrophysiology for the diagnosis and treatment of cataracts. Yan Ke Xue Bao = Eye Science, 2015, 30, 190-7.	0.1	4
137	Visual Function in Children With Posterior Lens Opacities Before and After Surgery. American Journal of Ophthalmology, 2022, 241, 160-167.	1.7	4
138	Practical pattern of surgical timing of childhood cataract in China: A cross-sectional database study. International Journal of Surgery, 2019, 62, 56-61.	1.1	3
139	Developmental characteristics of the cytokine profile in aqueous humor and its relationship with the inflammatory response in children. Annals of Translational Medicine, 2020, 8, 1542-1542.	0.7	3
140	Translating artificial intelligence into clinical practice. Annals of Translational Medicine, 2020, 8, 715-715.	0.7	3
141	Hypertension affects the treatment of wet ageâ€related macular degeneration. Acta Ophthalmologica, 2021, 99, 871-876.	0.6	3
142	Longtime Vision Function Prediction in Childhood Cataract Patients Based on Optical Coherence Tomography Images. Frontiers in Bioengineering and Biotechnology, 2021, 9, 646479.	2.0	3
143	Intraoperative optical coherence tomography for the assessment of posterior capsular integrity in pediatric cataract surgery. Journal of Cataract and Refractive Surgery, 2021, Publish Ahead of Print, .	0.7	3
144	Predicting Central Serous Chorioretinopathy Recurrence Using Machine Learning. Frontiers in Physiology, 2021, 12, 649316.	1.3	3

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145	Diagnostic Performance of Deep Learning Classifiers in Measuring Peripheral Anterior Synechia Based on Swept Source Optical Coherence Tomography Images. Frontiers in Medicine, 2021, 8, 775711.	1.2	3
146	A flexible head fixation for ophthalmic microsurgery. , 2017, , .		2
147	Impairments of Visual Function and Ocular Structure in Patients With Unilateral Posterior Lens Opacity. Translational Vision Science and Technology, 2018, 7, 9.	1.1	2
148	Study to establish visual acuity norms with Teller Acuity Cards II for infants from southern China. Eye, 2021, 35, 2787-2792.	1.1	2
149	Medical artificial intelligent research: translating artificial intelligence into clinical practice. Annals of Translational Medicine, 2020, 8, 695-695.	0.7	2
150	Polar value analysis of astigmatic change and rotational stability after implantation of V4c toric implantable collamer lens. Annals of Translational Medicine, 2021, 9, 139-139.	0.7	2
151	The Metabolic Reprogramming of Frem2 Mutant Mice Embryos in Cryptophthalmos Development. Frontiers in Cell and Developmental Biology, 2020, 8, 625492.	1.8	2
152	The associations of population mobility in HIV disease severity and mortality rate in China. Annals of Translational Medicine, 2021, 9, 315-315.	0.7	2
153	Microperipheral Iridectomy for Troublesome Posterior Synechiolysis in Secondary Intraocular Lens Implantation. Journal of Ophthalmology, 2021, 2021, 1-5.	0.6	2
154	Linear Nevus Sebaceous Syndrome in a Patient With Atypical Associated Abnormalities. Journal of Pediatric Ophthalmology and Strabismus, 2010, 47, 1-4.	0.3	2
155	Handwashing quality assessment via deep learning: a modelling study for monitoring compliance and standards in hospitals and communities. Intelligent Medicine, 2022, 2, 152-160.	1.6	2
156	Height, weight and body mass index of children with congenital cataracts before surgical treatment. BMC Ophthalmology, 2017, 17, 119.	0.6	1
157	Clinical characteristics of young adult cataract patients: a 10-year retrospective study of the Zhongshan Ophthalmic Center. BMJ Open, 2018, 8, e020234.	0.8	1
158	Evaluation of integrated modular teaching in Chinese ophthalmology trainee courses. BMC Medical Education, 2020, 20, 158.	1.0	1
159	Analysis of Choroidal Thickness in Children with Congenital Aniridia. Current Eye Research, 2020, 45, 1292-1297.	0.7	1
160	Vitreous Incarceration in Patients Undergoing Second 20-Gauge Pars Plana Vitrectomy for Recurrent Retinal Detachment. ISRN Ophthalmology, 2011, 2011, 1-5.	1.7	1
161	Authors' Reply to: Kruger SJ, Vanderveen DK, Freedman SF, Bothun E, Drews-Botsch CD, and Lambert SR. Third-Party Coverage for Aphakic Contact Lenses for Children. Translational Vision Science and Technology, 2019, 8, 42.	1.1	0
162	Optimizing the study design of clinical trials to identify the efficacy of artificial intelligence tools in clinical practicesâ€“Authorsâ€™ reply. EClinicalMedicine, 2019, 16, 12-13.	3.2	0

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163	The Detrimental Effect of Noisy Visual Input on the Visual Development of Human Infants. IScience, 2020, 23, 100803.	1.9	0
164	Application of Surgical Decision Model for Patients With Childhood Cataract: A Study Based on Real World Data. Frontiers in Bioengineering and Biotechnology, 2021, 9, 657866.	2.0	0
165	Time to talk about parents of ill children. Annals of Translational Medicine, 2019, 7, S233-S233.	0.7	0
166	Modified organized ophthalmology pre-internship in China. Annals of Translational Medicine, 2020, 8, 1426.	0.7	0
167	Progress in screening and treatment of common congenital eye diseases. Yan Ke Xue Bao = Eye Science, 2013, 28, 157-62.	0.1	0
168	ç»†èƒžå–å›Šæ³¡å¸ä¸Žæº§åŒ–å¹³è¡¡åœ¨è¡°è€å’Œå†ç”Ÿè¿‡ç¨‹ä¸çš„ç”¨ç©¶è¿›å±•. Scientia Sinica Vitae, 2022, , .	0.1	0