Zhikuan Yang

List of Publications by Year
in descending order

22	494	933264 10	839398 18
papers	citations	h-index	g-index

22	22	22	499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Approach of Combining Convolution Neural Network and Graph Convolution Network to Predict the Progression of Myopia. Neural Processing Letters, 2023, 55, 247-257.	2.0	1
2	Atropine Affects the Outer Retina During Inhibiting Form Deprivation Myopia in Guinea Pigs. Current Eye Research, 2022, 47, 614-623.	0.7	1
3	Editorial: Functional Eye Diseases: Visual Deficits and Rehabilitation. Frontiers in Neuroscience, 2022, 16, 842767.	1.4	0
4	The Clouclip, a wearable device for measuring nearâ€work and outdoor time: validation and comparison of objective measures with questionnaire estimates. Acta Ophthalmologica, 2021, 99, e1222-e1235.	0.6	17
5	RNA-Seq Analysis Reveals an Essential Role of the Tyrosine Metabolic Pathway and Inflammation in Myopia-Induced Retinal Degeneration in Guinea Pigs. International Journal of Molecular Sciences, 2021, 22, 12598.	1.8	18
6	A Deep Learningâ€“Based Framework for Accurate Evaluation of Corneal Treatment Zone After Orthokeratology. Translational Vision Science and Technology, 2021, 10, 21.	1.1	8
7	An effectiveness study of a wearable device (Clouclip) intervention in unhealthy visual behaviors among school-age children. Medicine (United States), 2020, 99, e17992.	0.4	18
8	The Adaptation and Acceptance of Defocus Incorporated Multiple Segment Lens for Chinese Children. American Journal of Ophthalmology, 2020, 211, 207-216.	1.7	29
9	Optimal Stereoacuity Reveals More Than Critical Time in Patients With Intermittent Exotropia. Frontiers in Neuroscience, 2020, 14, 133.	1.4	4
10	Objectively measured near work, outdoor exposure and myopia in children. British Journal of Ophthalmology, 2020, 104, bjophthalmol-2019-315258.	2.1	61
11	A Novel Approach to Quantify Environmental Risk Factors of Myopia: Combination of Wearable Devices and Big Data Science. Translational Vision Science and Technology, 2020, 9, 17.	1.1	7
12	Two-dimensional peripheral refraction and retinal image quality in orthokeratology lens wearers. Biomedical Optics Express, 2020, 11, 3523.	1.5	11
13	An Objective Comparison of Light Intensity and Near-Visual Tasks Between Rural and Urban School Children in China by a Wearable Device Clouclip. Translational Vision Science and Technology, 2019, 8, 15.	1.1	23
14	Ocular residual and corneal astigmatism in a clinical population of high school students. PLoS ONE, 2018, 13, e0194513.	1.1	11
15	Balanced Eyes See Stereopsis More Quickly, but Not More Finely. , 2018, 59, 499.		5
16	Induction of dopamine D1 and D5 receptors in R28Âcells by light exposures. Biochemical and Biophysical Research Communications, 2017, 486, 686-692.	1.0	3
17	Changes in dopamine and ZENK during suppression of myopia in chicks by intense illuminance. Experimental Eye Research, 2016, 145, 118-124.	1.2	26
18	The Effect of Spectral Property and Intensity of Light on Natural Refractive Development and Compensation to Negative Lenses in Guinea Pigs. , 2014, 55, 6324.		44

#	Article	IF	Citations
19	The effectiveness of progressive addition lenses on the progression of myopia in Chinese children. Ophthalmic and Physiological Optics, 2009, 29, 41-48.	1.0	92
20	Clinical and linkage study on a consanguineous Chinese family with autosomal recessive high myopia. Molecular Vision, 2009, 15, 312-8.	1.1	40
21	Protective effects of tetramethylpyrazine on rat retinal cell cultures. Neurochemistry International, 2008, 52, 1176-1187.	1.9	47
22	Association of Ocular Dominance and Myopia Development: A 2-Year Longitudinal Study. , 2008, 49, 4779.		28