Pavan Kumar Verkicharla

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1319427/publications.pdf

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42	936	516561 16	526166 27
papers	citations	h-index	g-index

43	43	43	836
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Do myopes have deficits in peripheral flicker sensitivity?. Journal of Optometry, 2022, 15, 138-144.	0.7	2
2	Alterations in peripheral refraction with spectacles, soft contact lenses and orthokeratology during near viewing: implications for myopia control. Australasian journal of optometry, The, 2022, 105, 761-770.	0.6	6
3	Electroretinogram responses in myopia: a review. Documenta Ophthalmologica, 2022, 145, 77-95.	1.0	14
4	Time spent outdoors as an intervention for myopia prevention and control in children: an overview of systematic reviews. Ophthalmic and Physiological Optics, 2022, 42, 545-558.	1.0	19
5	Asymmetric Peripheral Refraction Profile in Myopes along the Horizontal Meridian. Optometry and Vision Science, 2022, 99, 350-357.	0.6	5
6	Refractive development in individuals with ocular and oculocutaneous albinism. International Ophthalmology, 2022, 42, 2007-2015.	0.6	5
7	Impact of COVID-19 on Indian optometrists: A student, educator, and practitioner's perspective. Indian Journal of Ophthalmology, 2021, 69, 958.	0.5	7
8	Time trends on the prevalence of myopia in India â€“ A prediction model for 2050. Ophthalmic and Physiological Optics, 2021, 41, 466-474.	1.0	26
9	Ambient light level varies with different locations and environmental conditions: Potential to impact myopia. PLoS ONE, 2021, 16, e0254027.	1.1	24
10	Do rectus muscle parameters vary between emmetropes and myopes?. Ophthalmic and Physiological Optics, 2021, 41, 1300-1307.	1.0	1
11	Greater axial elongation associated with low accommodative lag: new insights on accommodative lag theory for myopia. Ophthalmic and Physiological Optics, 2021, 41, 1355-1362.	1.0	7
12	Does myopia decrease the risk of diabetic retinopathy in both type-1 and type-2 diabetes mellitus?. Indian Journal of Ophthalmology, 2021, 69, 3178.	0.5	4
13	Extent of foveal fixation with eye rotation in emmetropes and myopes. Journal of Optometry, 2021, , .	0.7	0
14	Short-Term Exposure to Blue Light Shows an Inhibitory Effect on Axial Elongation in Human Eyes Independent of Defocus. , 2021, 62, 22.		24
15	Optical mechanisms regulating emmetropisation and refractive errors: evidence from animal models. Australasian journal of optometry, The, 2020, 103, 55-67.	0.6	26
16	Anterior Sclera Undergoes Thinning with Increasing Degree of Myopia. , 2020, 61, 6.		49
17	Myopia progression varies with age and severity of myopia. PLoS ONE, 2020, 15, e0241759.	1.1	54
18	Increasing Time in Outdoor Environment Could Counteract the Rising Prevalence of Myopia in Indian School-Going Children. Current Science, 2020, 119, 1616.	0.4	5

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19	Technology and myopia. Community Eye Health Journal, 2019, 32, S9-S10.	0.4	1
20	Peripheral Monochromatic Aberrations in Young Adult Caucasian and East Asian Eyes. Optometry and Vision Science, 2018, 95, 234-238.	0.6	3
21	Longitudinal Changes in Disc and Retinal Lesions Among Highly Myopic Adolescents in Singapore Over a 10-Year Period. Eye and Contact Lens, 2018, 44, 286-291.	0.8	19
22	Patterns of posterior ocular complications in myopic eyes of Indian population. Scientific Reports, 2018, 8, 13700.	1.6	19
23	Change in human lens dimensions, lens refractive index distribution and ciliary body ring diameter with accommodation. Biomedical Optics Express, 2018, 9, 1272.	1.5	35
24	Differences in retinal shape between East Asian and Caucasian eyes. Ophthalmic and Physiological Optics, 2017, 37, 275-283.	1.0	24
25	Three-dimensional MRI study of the relationship between eye dimensions, retinal shape and myopia. Biomedical Optics Express, 2017, 8, 2386.	1.5	54
26	Development of the FitSight Fitness Tracker to Increase Time Outdoors to Prevent Myopia. Translational Vision Science and Technology, 2017, 6, 20.	1.1	43
27	Peripheral Monochromatic Aberrations in Young Adult Caucasian and East Asians. , 2017, , .		0
28	Influence of Gravity on Ocular Lens Position. , 2016, 57, 1885.		14
29	Posterior Eye Shape Measurement With Retinal OCT Compared to MRI. , 2016, 57, OCT196.		39
30	Author Response: Gravity Affects Lens Position During Accommodation. , 2016, 57, 4568.		1
31	Author Response: Gravity Affects Amplitude of Accommodation. , 2016, 57, 4571.		0
32	Axial Length/Corneal Radius of Curvature Ratio and Myopia in 3-Year-Old Children. Translational Vision Science and Technology, 2016, 5, 5.	1.1	38
33	Peripheral Refraction, Peripheral Eye Length, and Retinal Shape in Myopia. Optometry and Vision Science, 2016, 93, 1072-1078.	0.6	48
34	What Public Policies Should Be Developed to Cope with the Myopia Epidemic?. Optometry and Vision Science, 2016, 93, 1055-1057.	0.6	9
35	Lens Shape and Refractive Index Distribution in Type 1 Diabetes. , 2015, 56, 4759.		20
36	Current and predicted demographics of high myopia and an update of its associated pathological changes. Ophthalmic and Physiological Optics, 2015, 35, 465-475.	1.0	143

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37	Validation of a partial coherence interferometry method for estimating retinal shape. Biomedical Optics Express, 2015, 6, 3235.	1.5	24
38	Refractive indices used by the Haagâ€Streit Lenstar to calculate axial biometric dimensions. Ophthalmic and Physiological Optics, 2015, 35, 90-96.	1.0	17
39	Influence of eye rotation on peripheral eye length measurement obtained with a partial coherence interferometry instrument. Ophthalmic and Physiological Optics, 2014, 34, 82-88.	1.0	6
40	Repeatability and Comparison of Peripheral Eye Lengths With Two Instruments. Optometry and Vision Science, 2013, 90, 215-222.	0.6	19
41	Eye shape and retinal shape, and their relation to peripheral refraction. Ophthalmic and Physiological Optics, 2012, 32, 184-199.	1.0	79
42	Interventions for myopia control in children: a living systematic review and network meta-analysis. The Cochrane Library, 0, , .	1.5	3