

# Padmaja R Sankaridurg

## List of Publications by Year in descending order

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121  
papers

8,518  
citations

117571

34  
h-index

64755

79  
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123  
all docs

123  
docs citations

123  
times ranked

4259  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Prevalence of Myopia and High Myopia and Temporal Trends from 2000 through 2050. <i>Ophthalmology</i> , 2016, 123, 1036-1042.	2.5	2,684
2	Time spent in outdoor activities in relation to myopia prevention and control: a meta-analysis and systematic review. <i>Acta Ophthalmologica</i> , 2017, 95, 551-566.	0.6	344
3	Decrease in Rate of Myopia Progression with a Contact Lens Designed to Reduce Relative Peripheral Hyperopia: One-Year Results. , 2011, 52, 9362.		295
4	Myopia. <i>Nature Reviews Disease Primers</i> , 2020, 6, 99.	18.1	259
5	Potential Lost Productivity Resulting from the Global Burden of Myopia. <i>Ophthalmology</i> , 2019, 126, 338-346.	2.5	231
6	IMI "Interventions for Controlling Myopia Onset and Progression Report. , 2019, 60, M106.		230
7	Spectacle Lenses Designed to Reduce Progression of Myopia: 12-Month Results. <i>Optometry and Vision Science</i> , 2010, 87, 631-641.	0.6	225
8	Global prevalence of visual impairment associated with myopic macular degeneration and temporal trends from 2000 through 2050: systematic review, meta-analysis and modelling. <i>British Journal of Ophthalmology</i> , 2018, 102, 855-862.	2.1	198
9	Myopia, an underrated global challenge to vision: where the current data takes us on myopia control. <i>Eye</i> , 2014, 28, 142-146.	1.1	179
10	IMI Risk Factors for Myopia. , 2021, 62, 3.		143
11	IMI Prevention of Myopia and Its Progression. , 2021, 62, 6.		136
12	Myopia Progression Rates in Urban Children Wearing Single-Vision Spectacles. <i>Optometry and Vision Science</i> , 2012, 89, 27-32.	0.6	134
13	IMI Impact of Myopia. , 2021, 62, 2.		132
14	Adverse events with extended wear of disposable hydrogels. <i>Ophthalmology</i> , 1999, 106, 1671-1680.	2.5	122
15	Hypoxic Effects on the Anterior Eye of High-Dk Soft Contact Lens Wearers Are Negligible. <i>Optometry and Vision Science</i> , 2001, 78, 95-99.	0.6	121
16	Age-Specific Prevalence of Visual Impairment and Refractive Error in Children Aged 3-10 Years in Shanghai, China. , 2016, 57, 6188.		115
17	Clinical Characterization of Corneal Infiltrative Events Observed with Soft Contact Lens Wear. <i>Cornea</i> , 2003, 22, 435-442.	0.9	113
18	Peripheral Defocus with Single-Vision Spectacle Lenses in Myopic Children. <i>Optometry and Vision Science</i> , 2010, 87, 4-9.	0.6	113

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19	In Vivo Performance of Melimine as an Antimicrobial Coating for Contact Lenses in Models of CLARE and CLPU. , 2010, 51, 390.		109
20	IMI â€œ Clinical Management Guidelines Report. , 2019, 60, M184.		107
21	IMI â€œ Myopia Control Reports Overview and Introduction. , 2019, 60, M1.		106
22	Myopia Progression in Chinese Children is Slower in Summer Than in Winter. Optometry and Vision Science, 2012, 89, 1196-1202.	0.6	100
23	General and local contact lens induced papillary conjunctivitis (CLPC). Australasian journal of optometry, The, 2002, 85, 193-197.	0.6	96
24	Myopia control with novel central and peripheral plus contact lenses and extended depth of focus contact lenses: 2Â¥year results from a randomised clinical trial. Ophthalmic and Physiological Optics, 2019, 39, 294-307.	1.0	95
25	Bacterial Colonization of Disposable Soft Contact Lenses Is Greater during Corneal Infiltrative Events than during Asymptomatic Extended Lens Wear. Journal of Clinical Microbiology, 2000, 38, 4420-4424.	1.8	95
26	Superior Epithelial Arcuate Lesions with Soft Contact Lens Wear. Optometry and Vision Science, 2001, 78, 9-12.	0.6	82
27	Characteristics of peripheral refractive errors of myopic and non-myopic Chinese eyes. Vision Research, 2010, 50, 31-35.	0.7	76
28	Two Presentations of Contact Lens-Induced Papillary Conjunctivitis (CLPC) in Hydrogel Lens Wear: Local and General. Optometry and Vision Science, 2006, 83, E27-E36.	0.6	69
29	Comparison of noncycloplegic and cycloplegic autorefraction in categorizing refractive error data in children. Acta Ophthalmologica, 2017, 95, e633-e640.	0.6	67
30	Salicylic Acid Reduces the Production of Several Potential Virulence Factors of Pseudomonas aeruginosa Associated with Microbial Keratitis. , 2006, 47, 4453.		64
31	Colonization of Hydrogel Lenses with Streptococcus pneumoniae. Cornea, 1999, 18, 289.	0.9	64
32	Practical applications to modify and control the development of ametropia. Eye, 2014, 28, 134-141.	1.1	63
33	Contact Lens-Induced Peripheral Ulcers with Extended Wear of Disposable Hydrogel Lenses. Cornea, 1999, 18, 538-543.	0.9	60
34	Review: Myopia control strategies recommendations from the 2018 WHO/IAPB/BHVI Meeting on Myopia. British Journal of Ophthalmology, 2020, 104, bjophthalmol-2019-315575.	2.1	59
35	Microbial Keratitis and Vision Loss with Contact Lenses. Eye and Contact Lens, 2003, 29, S131-S134.	0.8	52
36	Contact lenses to slow progression of myopia. Australasian journal of optometry, The, 2017, 100, 432-437.	0.6	51

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37	External Ocular Surface and Lens Microbiota in Contact Lens Wearers With Corneal Infiltrates During Extended Wear of Hydrogel Lenses. <i>Eye and Contact Lens</i> , 2011, 37, 90-95.	0.8	50
38	BCLA CLEAR “ Contact lens technologies of the future. <i>Contact Lens and Anterior Eye</i> , 2021, 44, 398-430.	0.8	47
39	Distribution and Severity of Myopic Maculopathy Among Highly Myopic Eyes. , 2018, 59, 4880.		46
40	Comparison of adverse events with daily disposable hydrogels and spectacle wear. <i>Ophthalmology</i> , 2003, 110, 2327-2334.	2.5	45
41	Influence of accommodation on off-axis refractive errors in myopic eyes. <i>Journal of Vision</i> , 2009, 9, 14-14.	0.1	44
42	A Review of Myopia Control with Atropine. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2018, 34, 374-379.	0.6	41
43	Lid and Conjunctival Micro Biota During Contact Lens Wear in Children. <i>Optometry and Vision Science</i> , 2009, 86, 312-317.	0.6	40
44	Sleeping late is a risk factor for myopia development amongst school-aged children in China. <i>Scientific Reports</i> , 2020, 10, 17194.	1.6	39
45	Non-steroidal anti inflammatory agents decrease bacterial colonisation of contact lenses and prevent adhesion to human corneal epithelial cells. <i>Current Eye Research</i> , 2004, 29, 245-251.	0.7	38
46	Total ocular, anterior corneal and lenticular higher order aberrations in hyperopic, myopic and emmetropic eyes. <i>Vision Research</i> , 2012, 52, 31-37.	0.7	38
47	Microbial Keratitis in Prospective Studies of Extended Wear With Disposable Hydrogel Contact Lenses. <i>Cornea</i> , 2005, 24, 156-161.	0.9	36
48	IMI 2021 Yearly Digest. , 2021, 62, 7.		36
49	The Relationship between Progression in Axial Length/Corneal Radius of Curvature Ratio and Spherical Equivalent Refractive Error in Myopia. <i>Optometry and Vision Science</i> , 2018, 95, 921-929.	0.6	33
50	The Effects of the Relative Strength of Simultaneous Competing Defocus Signals on Emmetropization in Infant Rhesus Monkeys. , 2016, 57, 3949.		31
51	Myopia: a growing global problem with sight-threatening complications. <i>Community Eye Health Journal</i> , 2015, 28, 35.	0.4	31
52	Accommodative Facility in Eyes with and without Myopia. , 2006, 47, 4725.		30
53	Adverse Events during 2 Years of Daily Wear of Silicone Hydrogels in Children. <i>Optometry and Vision Science</i> , 2013, 90, 961-969.	0.6	30
54	Progression of Myopic Maculopathy in Highly Myopic Chinese Eyes. , 2019, 60, 1096.		29

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55	Refractive error, axial length, environmental and hereditary factors associated with myopia in Swedish children. <i>Australasian journal of optometry</i> , The, 2021, 104, 595-601.	0.6	27
56	Normative data and percentile curves for axial length and axial length/corneal curvature in Chinese children and adolescents aged 4–18 years. <i>British Journal of Ophthalmology</i> , 2023, 107, 167-175.	2.1	27
57	Monochromatic aberrations in hyperopic and emmetropic children. <i>Journal of Vision</i> , 2009, 9, 23-23.	0.1	26
58	Risk Factors for Corneal Inflammatory and Mechanical Events with Extended Wear Silicone Hydrogel Contact Lenses. <i>Optometry and Vision Science</i> , 2010, 87, 847-853.	0.6	26
59	Shanghai Time Outside to Reduce Myopia trial: design and baseline data. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 171-178.	1.3	26
60	Guinea Pig Models of Acute Keratitis Responses. <i>Cornea</i> , 2009, 28, 1153-1159.	0.9	24
61	Influence of higher order aberrations and retinal image quality in myopisation of emmetropic eyes. <i>Vision Research</i> , 2014, 105, 233-243.	0.7	24
62	Eccentricity-dependent effects of simultaneous competing defocus on emmetropization in infant rhesus monkeys. <i>Vision Research</i> , 2020, 177, 32-40.	0.7	24
63	ATPase-positive Dendritic Cells in the Limbal and Corneal Epithelium of Guinea Pigs After Extended Wear of Hydrogel Lenses. <i>Cornea</i> , 2000, 19, 374-377.	0.9	22
64	The Future of Silicone Hydrogels. <i>Eye and Contact Lens</i> , 2013, 39, 125-129.	0.8	21
65	Prevalence of myopia and high myopia, and the association with education: Shanghai Child and Adolescent Large-scale Eye Study (SCALE): a cross-sectional study. <i>BMJ Open</i> , 2021, 11, e048450.	0.8	21
66	Comparison of Aberrometer and Autorefractor Measures of Refractive Error in Children. <i>Optometry and Vision Science</i> , 2006, 83, E811-E817.	0.6	20
67	Effect of Salicylic Acid on the Membrane Proteome and Virulence of <i>Pseudomonas aeruginosa</i> . , 2016, 57, 1213.		20
68	Contact Lens-Induced Papillary Conjunctivitis Is Associated With Increased Albumin Deposits On Extended Wear Hydrogel Lenses. <i>Advances in Experimental Medicine and Biology</i> , 2002, 506, 951-955.	0.8	20
69	Choroidal thickness predicts progression of myopic maculopathy in high myopes: a 2-year longitudinal study. <i>British Journal of Ophthalmology</i> , 2021, 105, 1744-1750.	2.1	18
70	Optic Disc Features in Highly Myopic Eyes: The ZOC-BHVI High Myopia Cohort Study. <i>Optometry and Vision Science</i> , 2018, 95, 318-322.	0.6	17
71	Methodology of the ZOC-BHVI High Myopia Cohort Study: The Onset and Progression of Myopic Pathologies and Associated Risk Factors in Highly Myopic Chinese. <i>Ophthalmic Epidemiology</i> , 2018, 25, 31-38.	0.8	17
72	Design and methodology of the Shanghai child and adolescent large-scale eye study (SCALE). <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 329-338.	1.3	16

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73	Controlling Progression of Myopia: Optical and Pharmaceutical Strategies. <i>Asia-Pacific Journal of Ophthalmology</i> , 2019, 7, 405-414.	1.3	16
74	The Lowdown on Low-Concentration Atropine for Myopia Progression. <i>Ophthalmology</i> , 2019, 126, 125-126.	2.5	16
75	IgE Antibody on Worn Highly Oxygen-Permeable Silicone Hydrogel Contact Lenses From Patients With Contact Lens-Induced Papillary Conjunctivitis (CLPC). <i>Eye and Contact Lens</i> , 2008, 34, 117-121.	0.8	15
76	Tessellated fundus appearance and its association with myopic refractive error. <i>Australasian journal of optometry, The</i> , 2019, 102, 378-384.	0.6	12
77	DIFFUSE CHORIORETINAL ATROPHY IN CHINESE HIGH MYOPIA. <i>Retina</i> , 2020, 40, 241-248.	1.0	12
78	Hypersensitivity responses and contact lens wear. <i>Contact Lens and Anterior Eye</i> , 2003, 26, 57-69.	0.8	11
79	Discrimination of indoor versus outdoor environmental state with machine learning algorithms in myopia observational studies. <i>Journal of Translational Medicine</i> , 2019, 17, 314.	1.8	11
80	Highlights from the 2019 International Myopia Summit on "controversies in myopia". <i>British Journal of Ophthalmology</i> , 2021, 105, 1196-1202.	2.1	11
81	A Meta-Analysis Assessing Change in Pupillary Diameter, Accommodative Amplitude, and Efficacy of Atropine for Myopia Control. <i>Asia-Pacific Journal of Ophthalmology</i> , 2021, 10, 450-460.	1.3	11
82	Influence of Contact Lens Power Profile on Peripheral Refractive Error. <i>Optometry and Vision Science</i> , 2014, 91, 642-649.	0.6	10
83	Profile of off-axis higher order aberrations and its variation with time among various refractive error groups. <i>Vision Research</i> , 2018, 153, 111-123.	0.7	10
84	Posterior segment conditions associated with myopia and high myopia. <i>Australasian journal of optometry, The</i> , 2020, 103, 756-765.	0.6	10
85	Progression and Longitudinal Biometric Changes in Highly Myopic Eyes. , 2020, 61, 34.		10
86	Agreement of glaucoma specialists and experienced optometrists in gonioscopy and optic disc evaluation. <i>Journal of Optometry</i> , 2013, 6, 212-218.	0.7	9
87	IMI 2021 Reports and Digest " Reflections on the Implications for Clinical Practice. , 2021, 62, 1.		9
88	Accelerated loss of crystalline lens power initiating from emmetropia among young school children: a 2-year longitudinal study. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	9
89	Reduced vision in highly myopic eyes without ocular pathology: the ZOC-BHVI high myopia study. <i>Australasian journal of optometry, The</i> , 2018, 101, 77-83.	0.6	8
90	Establishing a method to estimate the effect of antimyopia management options on lifetime cost of myopia. <i>British Journal of Ophthalmology</i> , 2023, 107, 1043-1050.	2.1	8

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91	LV Prasad Eye Institute Glaucoma Epidemiology and Molecular Genetic Study (LVPEI- GLEAMS). Report 1: Study Design and Research Methodology. Ophthalmic Epidemiology, 2013, 20, 188-195.	0.8	7
92	Peripheral eye length measurement techniques: a review. Australasian journal of optometry, The, 2020, 103, 138-147.	0.6	7
93	Exploring non-adherence to contact lens wear schedule: Subjective assessments and patient related factors in children wearing single vision and myopia control contact lenses. Contact Lens and Anterior Eye, 2021, 44, 94-101.	0.8	6
94	(CL-199)CONTACT LENS INDUCED PAPILLARY CONJUNCTIVITIS (CLPC): A CASE CONTROL STUDY. Optometry and Vision Science, 2000, 77, 257.	0.6	5
95	Progression of diffuse chorioretinal atrophy among patients with high myopia: a 4-year follow-up study. British Journal of Ophthalmology, 2021, 105, 989-994.	2.1	5
96	Visual impairment in highly myopic eyes: The ZOC-BHVI High Myopia Cohort Study. Clinical and Experimental Ophthalmology, 2020, 48, 783-792.	1.3	4
97	CHARACTERISTICS OF PERIPAPILLARY INTRACHOROIDAL CAVITATION IN HIGHLY MYOPIC EYES. Retina, 2021, 41, 1057-1062.	1.0	4
98	Prevalence and Patterns of Refractive Errors in Children and Young Adults in an Urban Region in South India: the Hyderabad Eye Study. Ophthalmic Epidemiology, 2023, 30, 27-37.	0.8	4
99	A less myopic future: what are the prospects?. Australasian journal of optometry, The, 2015, 98, 494-496.	0.6	3
100	Adherence of Acanthamoeba to human corneal epithelial cells recovered from normal non-lens wearers and asymptomatic contact lens wearers. Contact Lens and Anterior Eye, 1999, 22, 110-115.	0.8	2
101	Distribution of intraocular pressure and related risk factors in a highly myopic Chinese population: an observational, cross-sectional study. Australasian journal of optometry, The, 2021, 104, 767-772.	0.6	2
102	Advocacy to reduce the risk of myopia. Community Eye Health Journal, 2019, 32, 12.	0.4	1
103	Acute stromal edema with soft contact lens wear: A case report. International Contact Lens Clinic (New York, N Y ), 1993, 20, 230-233.	0.1	0
104	Fungal contamination of soft contact lens with Bipolaris spicifera. International Contact Lens Clinic (New York, N Y ), 1993, 20, 140-144.	0.1	0
105	MICROBIOTA OF THE LIDS AND CONJUNCTIVA DURING EXTENDED HYDROGEL LENS WEAR. Optometry and Vision Science, 1994, 71, 55.	0.6	0
106	Functional breakdown of corneal endothelium in keratoconus: A case report. International Contact Lens Clinic (New York, N Y ), 1995, 22, 213-216.	0.1	0
107	Change in peripheral refraction and curvature of field of the human eye with accommodation. , 2009, , .		0
108	26 Does soft contact lens daily wear impact corneal curvature?. Contact Lens and Anterior Eye, 2011, 34, S22.	0.8	0

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109	31 Corneal erosions with silicone hydrogel lenswear in India: clinical features and outcome. Contact Lens and Anterior Eye, 2011, 34, S24.	0.8	0
110	Picking the winners. Contact Lens and Anterior Eye, 2012, 35, e44.	0.8	0
111	Retention rates and subjective responses of myopic children wearing single vision soft contact lenses. Contact Lens and Anterior Eye, 2012, 35, e15.	0.8	0
112	Reply. Ophthalmology, 2017, 124, e25.	2.5	0
113	Myopia Control. , 2018, , 306-313.e2.		0
114	Subjective wearing experience and discontinuation rates with novel, extended depth of focus (EDOF), myopia management lenses. Contact Lens and Anterior Eye, 2019, 42, e31-e32.	0.8	0
115	Refractive Error and School Eye Health. , 2021, , 145-168.		0
116	CONTACT LENS INDUCED PAPILLARY CONJUNCTIVITIS IS ASSOCIATED WITH INCREASED ALBUMIN DEPOSITS ON EXTENDED WEAR HYDROGEL LENSES.. Cornea, 2000, 19, S131.	0.9	0
117	Mechanisms in ocular inflammatory disease. , 2003, , 40-103.		0
118	Influence of Neighbourhood and Schooling on Myopia: Learnings from the Shanghai Child and Adolescent Large-Scale Eye Study (SCALE). SSRN Electronic Journal, 0, , .	0.4	0
119	Automated Grading of Refractive Error from Fundus Images using Deep Learning. , 2020, , .		0
120	Who is at risk of myopia?. Community Eye Health Journal, 2019, 32, 16.	0.4	0
121	Can myopia be prevented?. Community Eye Health Journal, 2019, 32, 10.	0.4	0