

Katrina L Schmid

List of Publications by Year in descending order

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119
papers

4,009
citations

159585
30
h-index

168389
53
g-index

119
all docs

119
docs citations

119
times ranked

2550
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of concentric and aspheric multifocal soft contact lenses on binocular vision in young adult myopes. <i>Contact Lens and Anterior Eye</i> , 2023, 46, 101588.	1.7	9
2	Lid Margin Score Is the Strongest Predictor of Meibomian Area Loss. <i>Cornea</i> , 2022, Publish Ahead of Print, .	1.7	4
3	The effects of optically and digitally simulated aniseikonia on stereopsis. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 921-930.	2.0	3
4	Segmentation methods and morphometry of confocal microscopy imaged corneal epithelial cells. <i>Contact Lens and Anterior Eye</i> , 2022, 45, 101720.	1.7	3
5	Ciliary Muscle Dimension Changes With Accommodation Vary in Myopia and Emmetropia. , 2022, 63, 24.		11
6	Accommodation lags are higher in myopia than in emmetropia: Measurement methods and metrics matter. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 1103-1114.	2.0	15
7	Fluoroquinolones are a potent form of chemotherapy. <i>Australasian journal of optometry, The</i> , 2021, 104, 412-416.	1.3	4
8	COVID-19: ensuring safe clinical teaching at university optometry schools. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 144-156.	2.0	10
9	Â. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 632-632.	2.0	0
10	A snapshot of optometry teaching in Australia and New Zealand in response to COVID-19. <i>Australasian journal of optometry, The</i> , 2021, 104, 723-727.	1.3	5
11	Combination Effect of Outdoor Activity and Screen Exposure on Risk of Preschool Myopia: Findings From Longhua Child Cohort Study. <i>Frontiers in Public Health</i> , 2021, 9, 607911.	2.7	15
12	IMI Accommodation and Binocular Vision in Myopia Development and Progression. , 2021, 62, 4.		46
13	Association between greater residential greenness and decreased risk of preschool myopia and astigmatism. <i>Environmental Research</i> , 2021, 196, 110976.	7.5	9
14	Multifocal contact lens design, not addition power, affects accommodation responses in young adult myopes. <i>Ophthalmic and Physiological Optics</i> , 2021, 41, 1346-1354.	2.0	12
15	Involving patients in the development of interpersonal skills of optometry students. <i>Australasian journal of optometry, The</i> , 2020, 103, 361-367.	1.3	4
16	Multifocal spectacles in childhood myopia: Are treatment effects maintained? A systematic review and meta-analysis. <i>Survey of Ophthalmology</i> , 2020, 65, 239-249.	4.0	8
17	Zone of Clear Single Binocular Vision in Myopic Orthokeratology. <i>Eye and Contact Lens</i> , 2020, 46, 82-90.	1.6	14
18	Stability of peripheral refraction changes in orthokeratology for myopia. <i>Contact Lens and Anterior Eye</i> , 2020, 43, 44-53.	1.7	17

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19	Comparison of blur and magnification effects on stereopsis: overall and meridional, monocularly and binocularly induced. <i>Ophthalmic and Physiological Optics</i> , 2020, 40, 660-668.	2.0	4
20	Development of Feasible Methods to Image the Eyelid Margin Using In Vivo Confocal Microscopy. <i>Cornea</i> , 2020, 39, 1325-1333.	1.7	8
21	Effects of simulated anisometropia and aniseikonia on stereopsis. <i>Ophthalmic and Physiological Optics</i> , 2020, 40, 323-332.	2.0	20
22	Suppression Rather Than Visual Acuity Loss Limits Stereoacuity in Amblyopia. , 2020, 61, 50.		26
23	Associations between the menstrual cycle, lifestyle factors and clinical assessment of the ocular surface: a prospective observational study. <i>BMC Women's Health</i> , 2020, 20, 23.	2.0	8
24	Associations Between Screen Exposure in Early Life and Myopia amongst Chinese Preschoolers. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1056.	2.6	45
25	Central corneal basal cell density and nerve parameters in ocular surface disease and limbal stem cell deficiency: a review and meta-analysis. <i>British Journal of Ophthalmology</i> , 2020, 104, 1633-1639.	3.9	9
26	Screen Exposure during Early Life and the Increased Risk of Astigmatism among Preschool Children: Findings from Longhua Child Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2216.	2.6	13
27	Effects of eye rotation and contact lens decentration on horizontal peripheral refraction. <i>Ophthalmic and Physiological Optics</i> , 2019, 39, 370-377.	2.0	10
28	Associations between Environmental Tobacco Smoke Exposure in Early Life and Astigmatism among Chinese Preschool Children. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3725.	2.6	10
29	IMI " Industry Guidelines and Ethical Considerations for Myopia Control Report. , 2019, 60, M161.		27
30	The Effect of Vertically Yoked Prisms on Binocular Vision and Accommodation. <i>Optometry and Vision Science</i> , 2019, 96, 414-423.	1.2	2
31	Experimental Study of Refraction Effects of Nominally Plano Ophthalmic Prisms and Magnifying Lenses. <i>Optometry and Vision Science</i> , 2019, 96, 111-116.	1.2	1
32	Intense pulsed light treatment and meibomian gland expression for moderate to advanced meibomian gland dysfunction. <i>Australasian journal of optometry</i> , The, 2018, 101, 23-33.	1.3	82
33	Impact of oral vitamin D supplementation on the ocular surface in people with dry eye and/or low serum vitamin D. <i>Contact Lens and Anterior Eye</i> , 2018, 41, 69-76.	1.7	37
34	Dot Motion Perception in Young Adult Emmetropes and Myopes. <i>Optometry and Vision Science</i> , 2018, 95, 498-504.	1.2	9
35	Near binocular visual function in young adult orthokeratology versus soft contact lens wearers. <i>Contact Lens and Anterior Eye</i> , 2017, 40, 184-189.	1.7	26
36	Differences in retinal shape between East Asian and Caucasian eyes. <i>Ophthalmic and Physiological Optics</i> , 2017, 37, 275-283.	2.0	24

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37	Effect of Accommodation on Peripheral Eye Lengths of Emmetropes and Myopes. <i>Optometry and Vision Science</i> , 2017, 94, 361-369.	1.2	8
38	Randomised controlled trial of topical antibacterial Manuka (<i>Leptospermum</i> species) honey for evaporative dry eye due to meibomian gland dysfunction. <i>Australasian journal of optometry</i> , The, 2017, 100, 603-615.	1.3	27
39	Treatment of contact lens related dry eye with antibacterial honey. <i>Contact Lens and Anterior Eye</i> , 2017, 40, 389-393.	1.7	25
40	Three-dimensional MRI study of the relationship between eye dimensions, retinal shape and myopia. <i>Biomedical Optics Express</i> , 2017, 8, 2386.	2.9	54
41	Peripheral Refraction, Peripheral Eye Length, and Retinal Shape in Myopia. <i>Optometry and Vision Science</i> , 2016, 93, 1072-1078.	1.2	48
42	Treatment of Rhinosinusitis and Dry Eye with an Antibacterial Honey Nasal Spray. <i>Journal of Apitherapy</i> , 2016, 1, 36.	0.9	1
43	Analysis of physical activity in emmetropic and myopic university students during semester and holiday periods: a pilot study. <i>Australasian journal of optometry</i> , The, 2015, 98, 547-554.	1.3	7
44	GABA _B Receptor Antagonist CGP46381 Inhibits Form-Deprivation Myopia Development in Guinea Pigs. <i>BioMed Research International</i> , 2015, 2015, 1-6.	1.9	14
45	Differences in the accommodation stimulus response curves of adult myopes and emmetropes: a summary and update. <i>Ophthalmic and Physiological Optics</i> , 2015, 35, 613-621.	2.0	25
46	Cone Ratios in Myopia and Emmetropia. <i>Optometry and Vision Science</i> , 2015, 92, e1-e5.	1.2	8
47	Validation of a partial coherence interferometry method for estimating retinal shape. <i>Biomedical Optics Express</i> , 2015, 6, 3235.	2.9	24
48	GABAB receptors are expressed in human aortic smooth muscle cells and regulate the intracellular Ca ²⁺ concentration. <i>Heart and Vessels</i> , 2015, 30, 249-257.	1.2	6
49	GABAA α 1 and GABAA α 1 subunits are expressed in cultured human RPE cells and GABAA receptor agents modify the intracellular calcium concentration. <i>Molecular Vision</i> , 2015, 21, 939-47.	1.1	5
50	Inhibition of form-deprivation myopia by a GABA _A receptor antagonist, (1,2,5,6-tetrahydropyridin-4-yl) methylphosphinic acid (TPMPA), in guinea pigs. <i>Graefes's Archive for Clinical and Experimental Ophthalmology</i> , 2014, 252, 1939-1946.	1.9	13
51	GABAergic Agents Modify the Response of Chick Scleral Fibroblasts to Myopic and Hyperopic Eye Cup Tissues. <i>Current Eye Research</i> , 2014, 39, 172-187.	1.5	13
52	Effect of Bifocal and Prismatic Bifocal Spectacles on Myopia Progression in Children. <i>JAMA Ophthalmology</i> , 2014, 132, 258.	2.5	157
53	GABA _B Receptors Expressed in Human Aortic Endothelial Cells Mediate Intracellular Calcium Concentration Regulation and Endothelial Nitric Oxide Synthase Translocation. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	10
54	GABAB1 and GABAB2 receptor subunits co-expressed in cultured human RPE cells regulate intracellular Ca ²⁺ via Gi/o-protein and phospholipase C pathways. <i>Neuroscience</i> , 2014, 280, 254-261.	2.3	11

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55	The effects and interactions of GABAergic and dopaminergic agents in the prevention of form deprivation myopia by brief periods of normal vision. <i>Experimental Eye Research</i> , 2013, 110, 88-95.	2.6	35
56	Identification of GABA receptors in chick retinal pigment epithelium. <i>Neuroscience Letters</i> , 2013, 539, 43-47.	2.1	19
57	Comparative effects of posterior eye cup tissues from myopic and hyperopic chick eyes on cultured scleral fibroblasts. <i>Experimental Eye Research</i> , 2013, 107, 11-20.	2.6	10
58	Effect of Text Type on Near Work-Induced Contrast Adaptation in Myopic and Emmetropic Young Adults. , 2013, 54, 1478.		5
59	Children's Accommodation During Reading of Chinese and English Texts. <i>Optometry and Vision Science</i> , 2013, 90, 156-163.	1.2	18
60	Hemi-field and full-field form deprivation induce timing changes in multifocal <sc>ERG</sc> responses in chick. <i>Ophthalmic and Physiological Optics</i> , 2013, 33, 257-266.	2.0	5
61	Assessment of Daily Light and Ultraviolet Exposure in Young Adults. <i>Optometry and Vision Science</i> , 2013, 90, 148-155.	1.2	31
62	Visual Backward Masking Performance in Young Adult Emmetropes and Myopes. <i>Optometry and Vision Science</i> , 2012, 89, E90-E96.	1.2	7
63	Near Work-Induced Contrast Adaptation in Emmetropic and Myopic Children. , 2012, 53, 3441.		2
64	Identification of GABA receptors in chick cornea. <i>Molecular Vision</i> , 2012, 18, 1107-14.	1.1	13
65	Bifocal lens control of myopic progression in children. <i>Australasian journal of optometry</i> , The, 2011, 94, 24-32.	1.3	28
66	ρ_1 GABA _C receptors are expressed in fibrous and cartilaginous layers of chick sclera and located on sclera fibroblasts and chondrocytes. <i>Journal of Neurochemistry</i> , 2011, 118, 281-287.	3.9	18
67	Randomized Trial of Effect of Bifocal and Prismatic Bifocal Spectacles on Myopic Progression. <i>JAMA Ophthalmology</i> , 2010, 128, 12.	2.4	87
68	Myopia: Recent Advances in Molecular Studies; Prevalence, Progression and Risk Factors; Emmetropization; Therapies; Optical Links; Peripheral Refraction; Sclera and Ocular Growth; Signalling Cascades; and Animal Models. <i>Optometry and Vision Science</i> , 2009, 86, 45-66.	1.2	16
69	Novel, Potent, and Selective GABA _C Antagonists Inhibit Myopia Development and Facilitate Learning and Memory. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 448-457.	2.5	71
70	The effect of positive lens addition and base-in prism on accommodation accuracy and near horizontal phoria in Chinese myopic children. <i>Ophthalmic and Physiological Optics</i> , 2008, 28, 225-237.	2.0	45
71	Myopia: Recent Advances in Molecular Studies; Prevalence, Progression and Risk Factors; Emmetropization; Therapies; Optical Links; Peripheral Refraction; Sclera and Ocular Growth; Signalling Cascades; and Animal Models. <i>Optometry and Vision Science</i> , 2008, PAP, .	1.2	3
72	Myopia Prevalence in Chinese-Canadian Children in an Optometric Practice. <i>Optometry and Vision Science</i> , 2007, 84, 21-32.	1.2	43

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73	Delayed mfERG responses in myopia. Vision Research, 2006, 46, 1221-1229.	1.4	56
74	The effect of manipulations to target contrast on emmetropization in chick. Vision Research, 2006, 46, 1099-1107.	1.4	19
75	Peripheral refraction along the horizontal and vertical visual fields in myopia. Vision Research, 2006, 46, 1450-1458.	1.4	233
76	Objective real-time measurement of instrument myopia in microscopists under different viewing conditions. Vision Research, 2006, 46, 2354-2362.	1.4	8
77	Slow flash multifocal electroretinogram in myopia. Vision Research, 2006, 46, 2869-2876.	1.4	13
78	Retinal adaptation responses revealed by global flash multifocal electroretinogram are dependent on the degree of myopic refractive error. Vision Research, 2006, 46, 3413-3421.	1.4	19
79	Neural and optical limits to visual performance in myopia. Vision Research, 2006, 46, 3707-3722.	1.4	74
80	Evaluation of inner retinal function in myopia using oscillatory potentials of the multifocal electroretinogram. Vision Research, 2006, 46, 4096-4103.	1.4	34
81	What Image Properties Regulate Eye Growth?. Current Biology, 2006, 16, 687-691.	3.9	40
82	Identification of Apolipoprotein A-I as a "STOP" Signal for Myopia. Molecular and Cellular Proteomics, 2006, 5, 2158-2166.	3.8	48
83	Changes in Implicit Time of the Multifocal Electroretinogram Response Following Contrast Adaptation. Current Eye Research, 2006, 31, 549-556.	1.5	12
84	Retrospective Analysis of Refractive Errors in Children With Vision Impairment. Optometry and Vision Science, 2005, 82, 807-816.	1.2	19
85	The Effect of Common Reductions in Letter Size and Contrast on Accommodation Responses in Young Adult Myopes and Emmetropes. Optometry and Vision Science, 2005, 82, 602-611.	1.2	19
86	Shape of the Retinal Surface in Emmetropia and Myopia. , 2005, 46, 2698.		203
87	The Effect of a β_2 -Adrenoceptor Antagonist on Accommodative Adaptation in Hong Kong Children. Current Eye Research, 2005, 30, 179-188.	1.5	3
88	Retinal serotonin, eye growth and myopia development in chick. Experimental Eye Research, 2005, 81, 616-625.	2.6	32
89	Eye Shape in Emmetropia and Myopia. , 2004, 45, 3380.		315
90	Effect of unilateral forced nostril breathing on tonic accommodation and intraocular pressure. Clinical Autonomic Research, 2004, 14, 396-400.	2.5	14

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91	Prevalence of Myopia in a Group of Hong Kong Microscopists. Optometry and Vision Science, 2004, 81, 88-93.	1.2	26
92	Inhibitory Effects of Apomorphine and Atropine and Their Combination on Myopia in Chicks. Optometry and Vision Science, 2004, 81, 137-147.	1.2	134
93	Relationship between intraocular pressure and eye growth in chick. Ophthalmic and Physiological Optics, 2003, 23, 25-33.	2.0	26
94	The autonomic control of accommodation and implications for human myopia development: a review. Ophthalmic and Physiological Optics, 2003, 23, 401-422.	2.0	75
95	The streptozotocin-diabetic rat as a model of the chronic complications of human diabetes. Heart Lung and Circulation, 2003, 12, 44-50.	0.4	173
96	Knowledge of the ocular effects of diabetes among the general population of Australia and the members of Diabetes Australia. Australasian journal of optometry, The, 2003, 86, 91-103.	1.3	33
97	Emmetropisation responses when visual information is presented at only one or two near target planes in chick*. Australasian journal of optometry, The, 2003, 86, 308-316.	1.3	3
98	AC/A ratios in myopic and emmetropic Hong Kong children and the effect of timolol. Australasian journal of optometry, The, 2003, 86, 323-330.	1.3	10
99	The expandability of the eye in childhood myopia. Current Eye Research, 2003, 26, 65-71.	1.5	34
100	Blur detection thresholds in childhood myopia: single and dual target presentation. Vision Research, 2002, 42, 239-247.	1.4	30
101	The detection of diabetic retinopathy by Australian optometrists. Australasian journal of optometry, The, 2002, 85, 221-228.	1.3	16
102	Emmetropization in chicks uses optical vergence and relative distance cues to decode defocus. Vision Research, 2001, 41, 3197-3204.	1.4	29
103	The effect of under and over refractive correction on visual performance and spectacle lens acceptance. Ophthalmic and Physiological Optics, 2001, 21, 255-261.	2.0	38
104	Giant papillary conjunctivitis associated with an ocular prosthesis. Australasian journal of optometry, The, 2001, 84, 293-295.	1.3	4
105	Ocular allergy: causes and therapeutic options. Australasian journal of optometry, The, 2000, 83, 257-270.	1.3	16
106	A survey of ocular therapeutic pharmaceutical agents in optometric practice. Australasian journal of optometry, The, 2000, 83, 16-31.	1.3	5
107	Timolol Lowers Intraocular Pressure but Does Not Inhibit the Development of Experimental Myopia in Chick. Experimental Eye Research, 2000, 70, 659-666.	2.6	32
108	Imposed Retinal Image Size Changes???Do They Provide a Cue to the Sign of Lens-Induced Defocus in Chick?. Optometry and Vision Science, 1999, 76, 320-325.	1.2	13

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109	The accreditation of university teachers: an optometric viewpoint. Australasian journal of optometry, The, 1998, 81, 104-111.	1.3	1
110	Differences in the accommodation stimulus response curves of adult myopes and emmetropes. Ophthalmic and Physiological Optics, 1998, 18, 13-20.	2.0	142
111	Differences in the accommodation stimulus response curves of adult myopes and emmetropes. Ophthalmic and Physiological Optics, 1998, 18, 13-20.	2.0	90
112	Assessment of visual acuity and contrast sensitivity in the chick using an optokinetic nystagmus paradigm. Vision Research, 1998, 38, 2629-2634.	1.4	75
113	Sharp vision: a prerequisite for compensation to myopic defocus in the chick?. Current Eye Research, 1998, 17, 322-331.	1.5	38
114	Hard Contact Lenses Alter Accommodative Gain But Do Not Prevent Refractive Adaptation in Chicks. Optometry and Vision Science, 1997, 74, 20-27.	1.2	5
115	Natural and Imposed Astigmatism and their Relation to Emmetropization in the Chick. Experimental Eye Research, 1997, 64, 837-847.	2.6	58
116	Contrast and spatial-frequency requirements for emmetropization in chicks. Vision Research, 1997, 37, 2011-2021.	1.4	69
117	The sensitivity of the chick eye to refractive defocus. Ophthalmic and Physiological Optics, 1997, 17, 61-67.	2.0	16
118	The sensitivity of the chick eye to refractive defocus. Ophthalmic and Physiological Optics, 1997, 17, 61-67.	2.0	16
119	Effects on the compensatory responses to positive and negative lenses of intermittent lens wear and ciliary nerve section in chicks. Vision Research, 1996, 36, 1023-1036.	1.4	179