

# Kathryn A Rose

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75  
papers

6,004  
citations

38  
h-index

77  
g-index

77  
ext. papers

7,144  
ext. citations

5.3  
avg, IF

5.7  
L-index

#	Paper	IF	Citations
75	Outdoor activity reduces the prevalence of myopia in children. <i>Ophthalmology</i> , <b>2008</b> , 115, 1279-85	7.3	727
74	How genetic is school myopia?. <i>Progress in Retinal and Eye Research</i> , <b>2005</b> , 24, 1-38	20.5	452
73	Effect of Time Spent Outdoors at School on the Development of Myopia Among Children in China: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 314, 1142-8	27.4	389
72	The epidemics of myopia: Aetiology and prevention. <i>Progress in Retinal and Eye Research</i> , <b>2018</b> , 62, 134-149	14.5	342
71	Role of near work in myopia: findings in a sample of Australian school children <b>2008</b> , 49, 2903-10		316
70	Myopia, lifestyle, and schooling in students of Chinese ethnicity in Singapore and Sydney. <i>JAMA Ophthalmology</i> , <b>2008</b> , 126, 527-30		263
69	Time outdoors and the prevention of myopia. <i>Experimental Eye Research</i> , <b>2013</b> , 114, 58-68	3.7	194
68	Factors associated with childhood strabismus: findings from a population-based study. <i>Ophthalmology</i> , <b>2006</b> , 113, 1146-53	7.3	188
67	Risk factors for incident myopia in Australian schoolchildren: the Sydney adolescent vascular and eye study. <i>Ophthalmology</i> , <b>2013</b> , 120, 2100-8	7.3	187
66	Methods for a population-based study of myopia and other eye conditions in school children: the Sydney Myopia Study. <i>Ophthalmic Epidemiology</i> , <b>2005</b> , 12, 59-69	1.9	169
65	Visual acuity and the causes of visual loss in a population-based sample of 6-year-old Australian children. <i>Ophthalmology</i> , <b>2005</b> , 112, 1275-82	7.3	147
64	Distribution of ocular biometric parameters and refraction in a population-based study of Australian children. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 2748-54		144
63	Prevalence and 5- to 6-year incidence and progression of myopia and hyperopia in Australian schoolchildren. <i>Ophthalmology</i> , <b>2013</b> , 120, 1482-91	7.3	126
62	Myopia and the urban environment: findings in a sample of 12-year-old Australian school children <b>2008</b> , 49, 3858-63		122
61	Macular and nerve fiber layer thickness in amblyopia: the Sydney Childhood Eye Study. <i>Ophthalmology</i> , <b>2009</b> , 116, 1604-9	7.3	109
60	Necessity of cycloplegia for assessing refractive error in 12-year-old children: a population-based study. <i>American Journal of Ophthalmology</i> , <b>2007</b> , 144, 307-9	4.9	103
59	Five-year refractive changes in an older population: the Blue Mountains Eye Study. <i>Ophthalmology</i> , <b>2003</b> , 110, 1364-70	7.3	103

58	Amblyopia prevalence and risk factors in Australian preschool children. <i>Ophthalmology</i> , <b>2012</b> , 119, 138-44.3	7.3	101
57	Causes and associations of amblyopia in a population-based sample of 6-year-old Australian children. <i>JAMA Ophthalmology</i> , <b>2006</b> , 124, 878-84		99
56	Ethnic differences in the impact of parental myopia: findings from a population-based study of 12-year-old Australian children. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 2520-8		97
55	Distribution of axial length and ocular biometry measured using partial coherence laser interferometry (IOL Master) in an older white population. <i>Ophthalmology</i> , <b>2010</b> , 117, 417-23	7.3	93
54	Variation of the contribution from axial length and other oculo-metric parameters to refraction by age and ethnicity. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 4846-53		93
53	The increasing prevalence of myopia: implications for Australia. <i>Clinical and Experimental Ophthalmology</i> , <b>2001</b> , 29, 116-20	2.4	85
52	Prevalence of hyperopia and associations with eye findings in 6- and 12-year-olds. <i>Ophthalmology</i> , <b>2008</b> , 115, 678-685.e1	7.3	76
51	Myopia and international educational performance. <i>Ophthalmic and Physiological Optics</i> , <b>2013</b> , 33, 329-38.1	7.3	75
50	Refractive error and patterns of spectacle use in 12-year-old Australian children. <i>Ophthalmology</i> , <b>2006</b> , 113, 1567-73	7.3	69
49	EPIDEMIC OF PATHOLOGIC MYOPIA: What Can Laboratory Studies and Epidemiology Tell Us?. <i>Retina</i> , <b>2017</b> , 37, 989-997	3.6	62
48	Astigmatism and its components in 6-year-old children. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 55-64		60
47	Astigmatism in 12-year-old Australian children: comparisons with a 6-year-old population. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 73-82		55
46	Correctable visual impairment in an older population: the blue mountains eye study. <i>American Journal of Ophthalmology</i> , <b>2002</b> , 134, 712-9	4.9	52
45	IMI - Clinical Management Guidelines Report <b>2019</b> , 60, M184-M203		50
44	Prevalence and risk factors for visual impairment in preschool children the sydney paediatric eye disease study. <i>Ophthalmology</i> , <b>2011</b> , 118, 1495-500	7.3	47
43	Is emmetropia the natural endpoint for human refractive development? An analysis of population-based data from the refractive error study in children (RESC). <i>Acta Ophthalmologica</i> , <b>2010</b> , 88, 877-84	3.7	47
42	High heritability of myopia does not preclude rapid changes in prevalence. <i>Clinical and Experimental Ophthalmology</i> , <b>2002</b> , 30, 168-72	2.4	46
41	Normative visual acuity in infants and preschool-aged children in Sydney. <i>Acta Ophthalmologica</i> , <b>2014</b> , 92, e521-9	3.7	45

40	Effect of stature and other anthropometric parameters on eye size and refraction in a population-based study of Australian children. <i>Investigative Ophthalmology and Visual Science</i> , <b>2005</b> , 46, 4424-9		44
39	Myopia: is the nature-nurture debate finally over?. <i>Australasian journal of optometry, The</i> , <b>2019</b> , 102, 3-17.		41
38	Patterns of myopigenic activities with age, gender and ethnicity in Sydney schoolchildren. <i>Ophthalmic and Physiological Optics</i> , <b>2013</b> , 33, 318-28	4.1	39
37	Prevalence of anisometropia and its association with refractive error and amblyopia in preschool children. <i>British Journal of Ophthalmology</i> , <b>2013</b> , 97, 1095-9	5.5	38
36	Ethnic differences in optic nerve head and retinal nerve fibre layer thickness parameters in children. <i>British Journal of Ophthalmology</i> , <b>2010</b> , 94, 871-6	5.5	37
35	Comparison of refraction and ocular biometry in European Caucasian children living in Northern Ireland and Sydney, Australia <b>2012</b> , 53, 4021-31		34
34	Vision and hearing impairment in aged care clients. <i>Ophthalmic Epidemiology</i> , <b>2005</b> , 12, 199-205	1.9	33
33	An evaluation of keratometry in 6-year-old children. <i>Cornea</i> , <b>2006</b> , 25, 383-7	3.1	29
32	Prevalence of heterophoria and associations with refractive error, heterotropia and ethnicity in Australian school children. <i>British Journal of Ophthalmology</i> , <b>2010</b> , 94, 542-6	5.5	26
31	IMI Risk Factors for Myopia <b>2021</b> , 62, 3		26
30	Testability of refraction, stereopsis, and other ocular measures in preschool children: the Sydney Paediatric Eye Disease Study. <i>Journal of AAPOS</i> , <b>2012</b> , 16, 185-92	1.3	25
29	Accommodative facility in eyes with and without myopia. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 4725-31		25
28	Patterns of spectacle use in young Australian school children: findings from a population-based study. <i>Journal of AAPOS</i> , <b>2005</b> , 9, 579-83	1.3	23
27	Impact of birth parameters on eye size in a population-based study of 6-year-old Australian children. <i>American Journal of Ophthalmology</i> , <b>2005</b> , 140, 535-7	4.9	23
26	Diagnostic reliability and normative values of stereoacuity tests in preschool-aged children. <i>British Journal of Ophthalmology</i> , <b>2013</b> , 97, 308-13	5.5	22
25	Increased Time Outdoors Is Followed by Reversal of the Long-Term Trend to Reduced Visual Acuity in Taiwan Primary School Students. <i>Ophthalmology</i> , <b>2020</b> , 127, 1462-1469	7.3	21
24	Accuracy of the Lang II stereotest in screening for binocular disorders in 6-year-old children. <i>American Journal of Ophthalmology</i> , <b>2005</b> , 140, 1130-2	4.9	21
23	Comparison of aberrometer and autorefractor measures of refractive error in children. <i>Optometry and Vision Science</i> , <b>2006</b> , 83, 811-7	2.1	14

22	Prevalence of undetected ocular conditions in a pilot sample of school children. <i>Clinical and Experimental Ophthalmology</i> , <b>2003</b> , 31, 237-40	2.4	14
21	Association of Parental Myopia With Higher Risk of Myopia Among Multiethnic Children Before School Age. <i>JAMA Ophthalmology</i> , <b>2020</b> , 138, 501-509	3.9	12
20	Numerical confusion errors in ishihara testing: findings from a population-based study. <i>American Journal of Ophthalmology</i> , <b>2005</b> , 140, 154-6	4.9	12
19	Prevalence, Characteristics, and Risk Factors of Moderate or High Hyperopia among Multiethnic Children 6 to 72 Months of Age: A Pooled Analysis of Individual Participant Data. <i>Ophthalmology</i> , <b>2019</b> , 126, 989-999	7.3	10
18	Can information on the purpose of spectacle use and age at first use predict refractive error type?. <i>Ophthalmic Epidemiology</i> , <b>2007</b> , 14, 88-92	1.9	9
17	Time spent outdoors in childhood is associated with reduced risk of myopia as an adult. <i>Scientific Reports</i> , <b>2021</b> , 11, 6337	4.9	9
16	Myopia: Why Study the Mechanisms of Myopia? Novel Approaches to Risk Factors Signaling Eye Growth- How Could Basic Biology Be Translated into Clinical Insights? Where Are Genetic and Proteomic Approaches Leading? How Does Visual Function Contribute to and Interact with Ametropia? Does Eye Shape Matter? Why Ametropia at All?. <i>Optometry and Vision Science</i> , <b>2011</b> , 88, 404-447	2.1	8
15	Independent Influence of Parental Myopia on Childhood Myopia in a Dose-Related Manner in 2,055 Trios: The Hong Kong Children Eye Study. <i>American Journal of Ophthalmology</i> , <b>2020</b> , 218, 199-207	4.9	7
14	Patterns of eyecare utilization by young Australian children: findings from a population-based study. <i>Ophthalmic Epidemiology</i> , <b>2006</b> , 13, 153-8	1.9	7
13	Incorporating vision and hearing tests into aged care assessment: methods and the pilot study. <i>Ophthalmic Epidemiology</i> , <b>2004</b> , 11, 427-36	1.9	7
12	Five-year outcome of correctable visual impairment: the Blue Mountains Eye Study. <i>Clinical and Experimental Ophthalmology</i> , <b>2002</b> , 30, 155-8	2.4	6
11	Yunnan Minority Eye Study Suggests That Ethnic Differences in Myopia Are Due to Different Environmental Exposures <b>2015</b> , 56, 4430		5
10	Refractive findings in children with astigmatic parents: the Sydney Myopia Study. <i>American Journal of Ophthalmology</i> , <b>2007</b> , 144, 304-6	4.9	5
9	Risk Factors for Myopia: Putting Causal Pathways into a Social Context <b>2020</b> , 133-170		4
8	Rationale and protocol for the 7- and 8-year longitudinal assessments of eye health in a cohort of young adults in the Raine Study. <i>BMJ Open</i> , <b>2020</b> , 10, e033440	3	4
7	ALSPAC study does not support a role for vitamin D in the prevention of myopia. <i>Investigative Ophthalmology and Visual Science</i> , <b>2014</b> , 55, 8559		3
6	Animal Models of Experimental Myopia: Limitations and Synergies with Studies on Human Myopia <b>2014</b> , 39-58		3
5	Refractive error, strabismus, and amblyopia. <i>Ophthalmology</i> , <b>2009</b> , 116, 364-5; author reply 365	7.3	2

4	Objective Quantification of Spontaneous Retinal Venous Pulsations Using a Novel Tablet-Based Ophthalmoscope. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 19	3.3	2
3	Gene-Environment Interactions in the Aetiology of Myopia <b>2010</b> , 45-61		1
2	Persistent visual disturbances after concussion. <i>Australian Journal of General Practice</i> , <b>2019</b> , 48, 531-536	1.5	1
1	Animal Models of Experimental Myopia: Limitations and Synergies with Studies on Human Myopia <b>2021</b> , 67-85		