

Kathryn A Rose

List of Publications by Year in Descending Order

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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	Time spent outdoors in childhood is associated with reduced risk of myopia as an adult. <i>Scientific Reports</i> , 2021 , 11, 6337	4.9	9
74	IMI Risk Factors for Myopia 2021 , 62, 3		26
73	Animal Models of Experimental Myopia: Limitations and Synergies with Studies on Human Myopia 2021 , 67-85		
72	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> , 2020 , 218, 199-207	4.9	7
71	Association of Parental Myopia With Higher Risk of Myopia Among Multiethnic Children Before School Age. <i>JAMA Ophthalmology</i> , 2020 , 138, 501-509	3.9	12
70	Increased Time Outdoors Is Followed by Reversal of the Long-Term Trend to Reduced Visual Acuity in Taiwan Primary School Students. <i>Ophthalmology</i> , 2020 , 127, 1462-1469	7.3	21
69	Risk Factors for Myopia: Putting Causal Pathways into a Social Context 2020 , 133-170		4
68	Objective Quantification of Spontaneous Retinal Venous Pulsations Using a Novel Tablet-Based Ophthalmoscope. <i>Translational Vision Science and Technology</i> , 2020 , 9, 19	3.3	2
67	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> , 2020 , 10, e033440	3	4
66	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> , 2019 , 126, 989-999	7.3	10
65	IMI - Clinical Management Guidelines Report 2019 , 60, M184-M203		50
64	Persistent visual disturbances after concussion. <i>Australian Journal of General Practice</i> , 2019 , 48, 531-536	1.5	1
63	Myopia: is the nature-nurture debate finally over?. <i>Australasian journal of optometry, The</i> , 2019 , 102, 3-17	2.7	41
62	The epidemics of myopia: Aetiology and prevention. <i>Progress in Retinal and Eye Research</i> , 2018 , 62, 134-149	14.5	342
61	EPIDEMIC OF PATHOLOGIC MYOPIA: What Can Laboratory Studies and Epidemiology Tell Us?. <i>Retina</i> , 2017 , 37, 989-997	3.6	62
60	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> , 2015 , 314, 1142-8	27.4	389
59	Yunnan Minority Eye Study Suggests That Ethnic Differences in Myopia Are Due to Different Environmental Exposures 2015 , 56, 4430		5

58	Normative visual acuity in infants and preschool-aged children in Sydney. <i>Acta Ophthalmologica</i> , 2014 , 92, e521-9	3.7	45
57	ALSPAC study does not support a role for vitamin D in the prevention of myopia. <i>Investigative Ophthalmology and Visual Science</i> , 2014 , 55, 8559		3
56	Animal Models of Experimental Myopia: Limitations and Synergies with Studies on Human Myopia 2014 , 39-58		3
55	Patterns of myopigenic activities with age, gender and ethnicity in Sydney schoolchildren. <i>Ophthalmic and Physiological Optics</i> , 2013 , 33, 318-28	4.1	39
54	Risk factors for incident myopia in Australian schoolchildren: the Sydney adolescent vascular and eye study. <i>Ophthalmology</i> , 2013 , 120, 2100-8	7.3	187
53	Prevalence and 5- to 6-year incidence and progression of myopia and hyperopia in Australian schoolchildren. <i>Ophthalmology</i> , 2013 , 120, 1482-91	7.3	126
52	Time outdoors and the prevention of myopia. <i>Experimental Eye Research</i> , 2013 , 114, 58-68	3.7	194
51	Prevalence of anisometropia and its association with refractive error and amblyopia in preschool children. <i>British Journal of Ophthalmology</i> , 2013 , 97, 1095-9	5.5	38
50	Diagnostic reliability and normative values of stereoacuity tests in preschool-aged children. <i>British Journal of Ophthalmology</i> , 2013 , 97, 308-13	5.5	22
49	Myopia and international educational performance. <i>Ophthalmic and Physiological Optics</i> , 2013 , 33, 329-38.1	3.1	75
48	Amblyopia prevalence and risk factors in Australian preschool children. <i>Ophthalmology</i> , 2012 , 119, 138-44.3	4.3	101
47	Testability of refraction, stereopsis, and other ocular measures in preschool children: the Sydney Paediatric Eye Disease Study. <i>Journal of AAPOS</i> , 2012 , 16, 185-92	1.3	25
46	Comparison of refraction and ocular biometry in European Caucasian children living in Northern Ireland and Sydney, Australia 2012 , 53, 4021-31		34
45	Prevalence and risk factors for visual impairment in preschool children the sydney paediatric eye disease study. <i>Ophthalmology</i> , 2011 , 118, 1495-500	7.3	47
44	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> , 2011 , 88, 404-447	2.1	8
43	Prevalence of heterophoria and associations with refractive error, heterotropia and ethnicity in Australian school children. <i>British Journal of Ophthalmology</i> , 2010 , 94, 542-6	5.5	26
42	Ethnic differences in optic nerve head and retinal nerve fibre layer thickness parameters in children. <i>British Journal of Ophthalmology</i> , 2010 , 94, 871-6	5.5	37
41	Distribution of axial length and ocular biometry measured using partial coherence laser interferometry (IOL Master) in an older white population. <i>Ophthalmology</i> , 2010 , 117, 417-23	7.3	93

40	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> , 2010 , 88, 877-84	3.7	47
39	Gene-Environment Interactions in the Aetiology of Myopia 2010 , 45-61		1
38	Refractive error, strabismus, and amblyopia. <i>Ophthalmology</i> , 2009 , 116, 364-5; author reply 365	7.3	2
37	Macular and nerve fiber layer thickness in amblyopia: the Sydney Childhood Eye Study. <i>Ophthalmology</i> , 2009 , 116, 1604-9	7.3	109
36	Prevalence of hyperopia and associations with eye findings in 6- and 12-year-olds. <i>Ophthalmology</i> , 2008 , 115, 678-685.e1	7.3	76
35	Outdoor activity reduces the prevalence of myopia in children. <i>Ophthalmology</i> , 2008 , 115, 1279-85	7.3	727
34	Myopia, lifestyle, and schooling in students of Chinese ethnicity in Singapore and Sydney. <i>JAMA Ophthalmology</i> , 2008 , 126, 527-30		263
33	Role of near work in myopia: findings in a sample of Australian school children 2008 , 49, 2903-10		316
32	Myopia and the urban environment: findings in a sample of 12-year-old Australian school children 2008 , 49, 3858-63		122
31	Variation of the contribution from axial length and other oclometric parameters to refraction by age and ethnicity. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 4846-53		93
30	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> , 2007 , 48, 2520-8		97
29	Astigmatism in 12-year-old Australian children: comparisons with a 6-year-old population. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 73-82		55
28	Necessity of cycloplegia for assessing refractive error in 12-year-old children: a population-based study. <i>American Journal of Ophthalmology</i> , 2007 , 144, 307-9	4.9	103
27	Refractive findings in children with astigmatic parents: the Sydney Myopia Study. <i>American Journal of Ophthalmology</i> , 2007 , 144, 304-6	4.9	5
26	Can information on the purpose of spectacle use and age at first use predict refractive error type?. <i>Ophthalmic Epidemiology</i> , 2007 , 14, 88-92	1.9	9
25	Comparison of aberrometer and autorefractor measures of refractive error in children. <i>Optometry and Vision Science</i> , 2006 , 83, 811-7	2.1	14
24	Patterns of eyecare utilization by young Australian children: findings from a population-based study. <i>Ophthalmic Epidemiology</i> , 2006 , 13, 153-8	1.9	7
23	Accommodative facility in eyes with and without myopia. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4725-31		25

22	Astigmatism and its components in 6-year-old children. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 55-64		60
21	Causes and associations of amblyopia in a population-based sample of 6-year-old Australian children. <i>JAMA Ophthalmology</i> , 2006 , 124, 878-84		99
20	Factors associated with childhood strabismus: findings from a population-based study. <i>Ophthalmology</i> , 2006 , 113, 1146-53	7.3	188
19	Refractive error and patterns of spectacle use in 12-year-old Australian children. <i>Ophthalmology</i> , 2006 , 113, 1567-73	7.3	69
18	An evaluation of keratometry in 6-year-old children. <i>Cornea</i> , 2006 , 25, 383-7	3.1	29
17	Vision and hearing impairment in aged care clients. <i>Ophthalmic Epidemiology</i> , 2005 , 12, 199-205	1.9	33
16	Patterns of spectacle use in young Australian school children: findings from a population-based study. <i>Journal of AAPOS</i> , 2005 , 9, 579-83	1.3	23
15	Visual acuity and the causes of visual loss in a population-based sample of 6-year-old Australian children. <i>Ophthalmology</i> , 2005 , 112, 1275-82	7.3	147
14	Numerical confusion errors in ishihara testing: findings from a population-based study. <i>American Journal of Ophthalmology</i> , 2005 , 140, 154-6	4.9	12
13	Impact of birth parameters on eye size in a population-based study of 6-year-old Australian children. <i>American Journal of Ophthalmology</i> , 2005 , 140, 535-7	4.9	23
12	Accuracy of the Lang II stereotest in screening for binocular disorders in 6-year-old children. <i>American Journal of Ophthalmology</i> , 2005 , 140, 1130-2	4.9	21
11	How genetic is school myopia?. <i>Progress in Retinal and Eye Research</i> , 2005 , 24, 1-38	20.5	452
10	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> , 2005 , 46, 4424-9		44
9	Distribution of ocular biometric parameters and refraction in a population-based study of Australian children. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 2748-54		144
8	Methods for a population-based study of myopia and other eye conditions in school children: the Sydney Myopia Study. <i>Ophthalmic Epidemiology</i> , 2005 , 12, 59-69	1.9	169
7	Incorporating vision and hearing tests into aged care assessment: methods and the pilot study. <i>Ophthalmic Epidemiology</i> , 2004 , 11, 427-36	1.9	7
6	Prevalence of undetected ocular conditions in a pilot sample of school children. <i>Clinical and Experimental Ophthalmology</i> , 2003 , 31, 237-40	2.4	14
5	Five-year refractive changes in an older population: the Blue Mountains Eye Study. <i>Ophthalmology</i> , 2003 , 110, 1364-70	7.3	103

4	Five-year outcome of correctable visual impairment: the Blue Mountains Eye Study. <i>Clinical and Experimental Ophthalmology</i> , 2002 , 30, 155-8	2.4	6
3	High heritability of myopia does not preclude rapid changes in prevalence. <i>Clinical and Experimental Ophthalmology</i> , 2002 , 30, 168-72	2.4	46
2	Correctable visual impairment in an older population: the blue mountains eye study. <i>American Journal of Ophthalmology</i> , 2002 , 134, 712-9	4.9	52
1	The increasing prevalence of myopia: implications for Australia. <i>Clinical and Experimental Ophthalmology</i> , 2001 , 29, 116-20	2.4	85