

Stuart Keel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/840400/publications.pdf>

Version: 2024-02-01

69
papers

2,017
citations

361045

20
h-index

276539

41
g-index

70
all docs

70
docs citations

70
times ranked

2308
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of a Deep Learning System for Detecting Glaucomatous Optic Neuropathy Based on Color Fundus Photographs. <i>Ophthalmology</i> , 2018, 125, 1199-1206.	2.5	538
2	An Automated Grading System for Detection of Vision-Threatening Referable Diabetic Retinopathy on the Basis of Color Fundus Photographs. <i>Diabetes Care</i> , 2018, 41, 2509-2516.	4.3	175
3	Feasibility and patient acceptability of a novel artificial intelligence-based screening model for diabetic retinopathy at endocrinology outpatient services: a pilot study. <i>Scientific Reports</i> , 2018, 8, 4330.	1.6	129
4	A survey of clinicians on the use of artificial intelligence in ophthalmology, dermatology, radiology and radiation oncology. <i>Scientific Reports</i> , 2021, 11, 5193.	1.6	91
5	Visualizing Deep Learning Models for the Detection of Referable Diabetic Retinopathy and Glaucoma. <i>JAMA Ophthalmology</i> , 2019, 137, 288.	1.4	76
6	The Prevalence and Causes of Vision Loss in Indigenous and Non-Indigenous Australians. <i>Ophthalmology</i> , 2017, 124, 1743-1752.	2.5	63
7	The Prevalence of Diabetic Retinopathy in Australian Adults with Self-Reported Diabetes. <i>Ophthalmology</i> , 2017, 124, 977-984.	2.5	60
8	Prevalence of glaucoma in the Australian National Eye Health Survey. <i>British Journal of Ophthalmology</i> , 2019, 103, 191-195.	2.1	56
9	Development and validation of a deep learning algorithm for the detection of neovascular age-related macular degeneration from colour fundus photographs. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 1009-1018.	1.3	52
10	Association of Socioeconomics With Prevalence of Visual Impairment and Blindness. <i>JAMA Ophthalmology</i> , 2017, 135, 1295.	1.4	51
11	Emerging ocular biomarkers of Alzheimer disease. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 54-61.	1.3	46
12	Adherence to diabetic eye examination guidelines in Australia: the National Eye Health Survey. <i>Medical Journal of Australia</i> , 2017, 206, 402-406.	0.8	40
13	Development and Validation of a Smartphone-Based Visual Acuity Test (Vision at Home). <i>Translational Vision Science and Technology</i> , 2019, 8, 27.	1.1	38
14	Prevalence of Age-Related Macular Degeneration in Australia. <i>JAMA Ophthalmology</i> , 2017, 135, 1242.	1.4	34
15	Real-world artificial intelligence-based opportunistic screening for diabetic retinopathy in endocrinology and indigenous healthcare settings in Australia. <i>Scientific Reports</i> , 2021, 11, 15808.	1.6	30
16	Keeping an eye on eye care: monitoring progress towards effective coverage. <i>The Lancet Global Health</i> , 2021, 9, e1460-e1464.	2.9	27
17	Predicting the Development of Type 2 Diabetes in a Large Australian Cohort Using Machine-Learning Techniques: Longitudinal Survey Study. <i>JMIR Medical Informatics</i> , 2020, 8, e16850.	1.3	26
18	The validity of self-report of eye diseases in participants with vision loss in the National Eye Health Survey. <i>Scientific Reports</i> , 2017, 7, 8757.	1.6	25

#	ARTICLE	IF	CITATIONS
19	Prevalence and Causes of Visual Loss Among the Indigenous Peoples of the World. <i>JAMA Ophthalmology</i> , 2018, 136, 567.	1.4	24
20	Utilization of eye health care services in Australia: the National Eye Health Survey. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 213-221.	1.3	24
21	Strengthening the integration of eye care into the health system: methodology for the development of the WHO package of eye care interventions. <i>BMJ Open Ophthalmology</i> , 2020, 5, e000533.	0.8	23
22	Prevalence and Causes of Unilateral Vision Impairment and Unilateral Blindness in Australia. <i>JAMA Ophthalmology</i> , 2018, 136, 240.	1.4	21
23	The prevalence of vision loss due to ocular trauma in the Australian National Eye Health Survey. <i>Injury</i> , 2017, 48, 2466-2469.	0.7	20
24	Cataract surgery coverage rates for Indigenous and non-Indigenous Australians: the National Eye Health Survey. <i>Medical Journal of Australia</i> , 2017, 207, 256-261.	0.8	19
25	Sampling methodology and site selection in the National Eye Health Survey: an Australian population-based prevalence study. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 336-347.	1.3	18
26	Population-based assessment of visual acuity outcomes following cataract surgery in Australia: the National Eye Health Survey. <i>British Journal of Ophthalmology</i> , 2018, 102, 1419-1424.	2.1	18
27	Association of Age-Related Macular Degeneration With Risk of All-Cause and Specific-Cause Mortality in the National Health and Nutrition Examination Survey, 2005 to 2008. <i>JAMA Ophthalmology</i> , 2019, 137, 248.	1.4	18
28	Recruitment and Testing Protocol in the National Eye Health Survey: A Population-Based Eye Study in Australia. <i>Ophthalmic Epidemiology</i> , 2017, 24, 353-363.	0.8	17
29	Treatment coverage rates for refractive error in the National Eye Health survey. <i>PLoS ONE</i> , 2017, 12, e0175353.	1.1	17
30	Prevalence of retinal vein occlusion in the Australian National Eye Health Survey. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 260-265.	1.3	16
31	The eye in AI: artificial intelligence in ophthalmology. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 5-6.	1.3	16
32	Can Artificial Intelligence Make Screening Faster, More Accurate, and More Accessible?. <i>Asia-Pacific Journal of Ophthalmology</i> , 2019, 7, 436-441.	1.3	15
33	Prevalence and incidence of presbyopia in urban Southern China. <i>British Journal of Ophthalmology</i> , 2018, 102, 1538-1542.	2.1	11
34	Does daily dietary intake affect diabetic retinopathy progression? 10-year results from the 45 and Up Study. <i>British Journal of Ophthalmology</i> , 2020, 104, 1774-1780.	2.1	11
35	Future burden of vision loss in Australia: Projections from the National Eye Health Survey. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 730-738.	1.3	11
36	A systematic review of clinical practice guidelines for childhood glaucoma. <i>BMJ Open Ophthalmology</i> , 2022, 7, e000933.	0.8	11

#	ARTICLE	IF	CITATIONS
37	The prevalence of visually significant cataract in the Australian National Eye Health Survey. <i>Eye</i> , 2019, 33, 957-964.	1.1	10
38	Prevalence and risk factors for diabetic retinopathy in a hospital-based population of Australian children and adolescents with type 1 diabetes. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2016, 29, 1135-1142.	0.4	9
39	Dietary patterns and retinal vascular calibre in children and adolescents with type 1 diabetes. <i>Acta Ophthalmologica</i> , 2016, 94, e345-52.	0.6	9
40	A Systematic Review of Clinical Practice Guidelines for Infectious and Non-infectious Conjunctivitis. <i>Ophthalmic Epidemiology</i> , 2022, 29, 473-482.	0.8	9
41	A systematic review of clinical practice guidelines for myopic macular degeneration. <i>Journal of Global Health</i> , 2022, 12, 04026.	1.2	9
42	Impact of Diet on the Incidence of Cataract Surgery among Diabetic Patients: Findings from the 45 and Up Study. <i>Current Eye Research</i> , 2019, 44, 385-392.	0.7	8
43	A Systematic Review of Clinical Practice Guidelines for Age-related Macular Degeneration. <i>Ophthalmic Epidemiology</i> , 2023, 30, 213-220.	0.8	8
44	A Systematic Review of Clinical Practice Guidelines for Cataract: Evidence to Support the Development of the WHO Package of Eye Care Interventions. <i>Vision (Switzerland)</i> , 2022, 6, 36.	0.5	8
45	Prevalence and associations of epiretinal membranes in the Australian National Eye Health Survey. <i>Acta Ophthalmologica</i> , 2017, 95, e796-e798.	0.6	7
46	Incidence and correction of vision impairment among elderly population in southern urban China. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 439-444.	1.3	7
47	Diabetes, Diabetic Retinopathy, and Retinal Vascular Alterations. <i>Asia-Pacific Journal of Ophthalmology</i> , 2014, 3, 164-171.	1.3	6
48	Leading Determinants for Disease-Free Status in Community-Dwelling Middle-Aged Men and Women: A 9-Year Follow-Up Cohort Study. <i>Frontiers in Public Health</i> , 2019, 7, 320.	1.3	6
49	Are smoking intensity and cessation related to cataract surgical risk in diabetic patients? Findings from the 45 and Up Study. <i>Eye</i> , 2020, 34, 383-391.	1.1	6
50	Identification and critical appraisal of evidence for interventions for refractive error to support the development of the WHO package of eye care interventions: a systematic review of clinical practice guidelines. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 526-533.	1.0	6
51	Physical Activity, Sedentary Behaviors, and Retinal Vascular Caliber in Children and Adolescents With Type 1 Diabetes. <i>Asia-Pacific Journal of Ophthalmology</i> , 2016, 5, 180-184.	1.3	5
52	Prevalence and characteristics of choroidal nevi: the Australian National Eye Health Survey. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 777-782.	1.3	5
53	Prevalence of trichomatous trichiasis in Australia: the National Eye Health Survey. <i>Clinical and Experimental Ophthalmology</i> , 2018, 46, 13-17.	1.3	5
54	Retinal Vascular Caliber and Kidney Function in Children and Adolescents with Type 1 Diabetes. <i>Ophthalmic Epidemiology</i> , 2017, 24, 204-208.	0.8	4

#	ARTICLE	IF	CITATIONS
55	Perceptual Learning of Visual Span Improves Chinese Reading Speed. , 2019, 60, 2357.		4
56	Vascular risk factors are associated with retinal arteriolar narrowing and venular widening in children and adolescents with type 1 diabetes. Journal of Pediatric Endocrinology and Metabolism, 2017, 30, 301-309.	0.4	3
57	Adherence to diabetic eye examination guidelines in Australia: the National Eye Health Survey. Medical Journal of Australia, 2018, 208, 97-97.	0.8	3
58	Estimating malignancy risk of melanocytic choroidal tumours detected in the Australian National Eye Health Survey. Australasian journal of optometry, The, 2021, 104, 854-858.	0.6	3
59	Visual span and cognitive factors affect Chinese reading speed. Journal of Vision, 2019, 19, 17.	0.1	2
60	Prevalence, associations and characteristics of severe uncorrected refractive error in the Australian National Eye Health Survey. Clinical and Experimental Ophthalmology, 2020, 48, 14-23.	1.3	2
61	Universal eye health coverage: from global policy to country action. International Health, 2022, 14, i3-i5.	0.8	2
62	Effects of corneal crosslinking on corneal shape stabilization after orthokeratology. Scientific Reports, 2020, 10, 2357.	1.6	2
63	Personality and Total Health Through Life Project Eye Substudy: Methodology and Baseline Retinal Features. Asia-Pacific Journal of Ophthalmology, 2017, 6, 450-455.	1.3	1
64	Vision loss in Indigenous peoples of the world: a systematic review protocol. JBI Database of Systematic Reviews and Implementation Reports, 2018, 16, 260-268.	1.7	1
65	Reply. Ophthalmology, 2018, 125, e14.	2.5	0
66	More than meets the eye: an association between diet soft drink consumption and proliferative diabetic retinopathy. Clinical and Experimental Ophthalmology, 2018, 46, 719-720.	1.3	0
67	The Case for Extended Screening Intervals for People With Diabetes and No or Minimal Retinopathy at Baseline. JAMA Ophthalmology, 2019, 137, 449.	1.4	0
68	Prevalence and associations of non-retinopathy ocular conditions among older Australians with self-reported diabetes: The National Eye Health Survey. International Journal of Ophthalmology, 2020, 13, 1642-1651.	0.5	0
69	Clinical Practice Guidelines for the Detection and Treatment of Amblyopia: A Systematic Literature Review.. Journal of Binocular Vision and Ocular Motility, 2022, , 1-9.	0.5	0