

Seyhan Yazar

List of Publications by Year in descending order

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Version: 2024-02-01

97
papers

4,646
citations

126907

33
h-index

123424

61
g-index

104
all docs

104
docs citations

104
times ranked

7090
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-scale cis- and trans-eQTL analyses identify thousands of genetic loci and polygenic scores that regulate blood gene expression. <i>Nature Genetics</i> , 2021, 53, 1300-1310.	21.4	590
2	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013, 45, 155-163.	21.4	269
3	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018, 50, 834-848.	21.4	239
4	Genome-wide analysis of multi-ancestry cohorts identifies new loci influencing intraocular pressure and susceptibility to glaucoma. <i>Nature Genetics</i> , 2014, 46, 1126-1130.	21.4	212
5	Environmental effects of ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2017. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 127-179.	2.9	177
6	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	27.8	173
7	Single-cell eQTL mapping identifies cell type-specific genetic control of autoimmune disease. <i>Science</i> , 2022, 376, eabf3041.	12.6	171
8	Ozone depletion, ultraviolet radiation, climate change and prospects for a sustainable future. <i>Nature Sustainability</i> , 2019, 2, 569-579.	23.7	156
9	Human health in relation to exposure to solar ultraviolet radiation under changing stratospheric ozone and climate. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 641-680.	2.9	138
10	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics. <i>Human Molecular Genetics</i> , 2017, 26, ddw399.	2.9	120
11	Meta-analysis of genome-wide association scans accounting for education level identifies additional loci for refractive error. <i>Nature Communications</i> , 2016, 7, 11008.	12.8	104
12	Meta-analysis of human methylation data for evidence of sex-specific autosomal patterns. <i>BMC Genomics</i> , 2014, 15, 981.	2.8	94
13	How does spending time outdoors protect against myopia? A review. <i>British Journal of Ophthalmology</i> , 2020, 104, 593-599.	3.9	94
14	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1-67.	2.9	93
15	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. <i>Nature Communications</i> , 2018, 9, 4774.	12.8	87
16	Genome-wide association meta-analysis of individuals of European ancestry identifies new loci explaining a substantial fraction of hair color variation and heritability. <i>Nature Genetics</i> , 2018, 50, 652-656.	21.4	86
17	Myopia Is Associated With Lower Vitamin D Status in Young Adults. <i>Ophthalmology</i> , 2014, 55, 4552.		84
18	Myopia in Young Adults Is Inversely Related to an Objective Marker of Ocular Sun Exposure: The Western Australian Raine Cohort Study. <i>American Journal of Ophthalmology</i> , 2014, 158, 1079-1085.e2.	3.3	80

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19	Childhood gene-environment interactions and age-dependent effects of genetic variants associated with refractive error and myopia: The CREAM Consortium. <i>Scientific Reports</i> , 2016, 6, 25853.	3.3	80
20	Prevalence of Keratoconus Based on Scheimpflug Imaging. <i>Ophthalmology</i> , 2021, 128, 515-521.	5.2	73
21	Meta-analysis of Genome-Wide Association Studies Identifies Novel Loci Associated With Optic Disc Morphology. <i>Genetic Epidemiology</i> , 2015, 39, 207-216.	1.3	72
22	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. <i>Nature Communications</i> , 2018, 9, 1864.	12.8	63
23	X-Linked Megalocornea Caused by Mutations in <i>CHRD1</i> Identifies an Essential Role for Ventroptin in Anterior Segment Development. <i>American Journal of Human Genetics</i> , 2012, 90, 247-259.	6.2	59
24	Environmental effects of stratospheric ozone depletion, UV radiation and interactions with climate change: UNEP Environmental Effects Assessment Panel, update 2019. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 542-584.	2.9	59
25	<i>WNT10A</i> exonic variant increases the risk of keratoconus by decreasing corneal thickness. <i>Human Molecular Genetics</i> , 2015, 24, 5060-5068.	2.9	58
26	Assessing the Genetic Predisposition of Education on Myopia: A Mendelian Randomization Study. <i>Genetic Epidemiology</i> , 2016, 40, 66-72.	1.3	56
27	Incidence and Progression of Myopia in Early Adulthood. <i>JAMA Ophthalmology</i> , 2022, 140, 162.	2.5	53
28	Genetic and epigenetic factors associated with increased severity of Covid-19. <i>Cell Biology International</i> , 2021, 45, 1158-1174.	3.0	52
29	Raine Eye Health Study: Design, Methodology and Baseline Prevalence of Ophthalmic Disease in a Birth-cohort Study of Young Adults. <i>Ophthalmic Genetics</i> , 2013, 34, 199-208.	1.2	51
30	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. <i>PLoS Genetics</i> , 2021, 17, e1009497.	3.5	50
31	Genome-Wide Association Shows that Pigmentation Genes Play a Role in Skin Aging. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1887-1894.	0.7	48
32	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2017, 46, 1882-1890.	1.9	47
33	Distribution of astigmatism as a function of age in an Australian population. <i>Acta Ophthalmologica</i> , 2015, 93, e377-85.	1.1	44
34	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2021. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 275-301.	2.9	40
35	Pterygium and conjunctival ultraviolet autofluorescence in young Australian adults: the Raine study. <i>Clinical and Experimental Ophthalmology</i> , 2015, 43, 300-307.	2.6	37
36	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , 2021, 7, .	10.3	36

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37	Real-time teleophthalmology in rural Western Australia. Australian Journal of Rural Health, 2015, 23, 142-149.	1.5	35
38	Genetic Variants near <i>PDGFRA</i> Are Associated with Corneal Curvature in Australians. , 2012, 53, 7131.		34
39	When do myopia genes have their effect? Comparison of genetic risks between children and adults. Genetic Epidemiology, 2016, 40, 756-766.	1.3	34
40	Time spent outdoors in childhood is associated with reduced risk of myopia as an adult. Scientific Reports, 2021, 11, 6337.	3.3	34
41	Efficacy of Silver Nitrate Pencils in the Treatment of Common Warts. Journal of Dermatology, 1994, 21, 329-333.	1.2	31
42	Genetic and Environmental Factors in Conjunctival UV Autofluorescence. JAMA Ophthalmology, 2015, 133, 406.	2.5	30
43	Birth Order and Myopia. Ophthalmic Epidemiology, 2013, 20, 375-384.	1.7	29
44	Vitamin D and its pathway genes in myopia: systematic review and meta-analysis. British Journal of Ophthalmology, 2019, 103, 8-17.	3.9	27
45	Choroidal Thickness in Young Adults and its Association with Visual Acuity. American Journal of Ophthalmology, 2020, 214, 40-51.	3.3	25
46	Genome-wide association study for refractive astigmatism reveals genetic co-determination with spherical equivalent refractive error: the CREAM consortium. Human Genetics, 2015, 134, 131-146.	3.8	24
47	Associations between Optic Disc Measures and Obstructive Sleep Apnea in Young Adults. Ophthalmology, 2019, 126, 1372-1384.	5.2	23
48	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. Communications Biology, 2020, 3, 133.	4.4	22
49	Genome-Wide Association Study Identifies a Susceptibility Locus for Comitant Esotropia and Suggests a Parent-of-Origin Effect. , 2018, 59, 4054.		21
50	Mitochondrial DNA Variation and Disease Susceptibility in Primary Open-Angle Glaucoma. , 2018, 59, 4598.		20
51	Spectral-Domain Optical Coherence Tomographyâ€‘Derived Characteristics of Bruch Membrane Opening in a Young Adult Australian Population. American Journal of Ophthalmology, 2016, 165, 154-163.	3.3	17
52	Early Anesthesia Exposure and the Effect on Visual Acuity, Refractive Error, and Retinal Nerve Fiber Layer Thickness of Young Adults. Journal of Pediatrics, 2016, 169, 256-259.e1.	1.8	15
53	Comparison of monochromatic aberrations in young adults with different visual acuity and refractive errors. Journal of Cataract and Refractive Surgery, 2014, 40, 441-449.	1.5	13
54	Influence of prenatal environment and birth parameters on amblyopia, strabismus, and anisometropia. Journal of AAPOS, 2020, 24, 74.e1-74.e7.	0.3	13

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55	Is Dietary Vitamin A Associated with Myopia from Adolescence to Young Adulthood?. <i>Translational Vision Science and Technology</i> , 2020, 9, 29.	2.2	13
56	Multiple prenatal ultrasound scans and ocular development: 20-year follow-up of a randomized controlled trial. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 44, 166-170.	1.7	12
57	Swimming goggle wear is not associated with an increased prevalence of glaucoma. <i>British Journal of Ophthalmology</i> , 2015, 99, 255-257.	3.9	12
58	Investigating the long-term impact of a childhood sun-exposure intervention, with a focus on eye health: protocol for the Kidskin-Young Adult Myopia Study. <i>BMJ Open</i> , 2018, 8, e020868.	1.9	11
59	Associations of 12-year sleep behaviour trajectories from childhood to adolescence with myopia and ocular biometry during young adulthood. <i>Ophthalmic and Physiological Optics</i> , 2022, 42, 19-27.	2.0	11
60	Benchmarking Undedicated Cloud Computing Providers for Analysis of Genomic Datasets. <i>PLoS ONE</i> , 2014, 9, e108490.	2.5	10
61	Low 25-Hydroxyvitamin D Concentration Is Not Associated With Refractive Error in Middle-Aged and Older Western Australian Adults. <i>Translational Vision Science and Technology</i> , 2019, 8, 13.	2.2	10
62	Optic Disc Measures in Obstructive Sleep Apnea: A Community-based Study of Middle-aged and Older Adults. <i>Journal of Glaucoma</i> , 2020, 29, 337-343.	1.6	10
63	Time spent outdoors through childhood and adolescence – assessed by 25-hydroxyvitamin D concentration – and risk of myopia at 20 years. <i>Acta Ophthalmologica</i> , 2021, 99, 679-687.	1.1	10
64	A genome-wide association study of corneal astigmatism: The CREAM Consortium. <i>Molecular Vision</i> , 2018, 24, 127-142.	1.1	10
65	Macular Thickness Profile and Its Association With Best-Corrected Visual Acuity in Healthy Young Adults. <i>Translational Vision Science and Technology</i> , 2021, 10, 8.	2.2	9
66	Serum malondialdehyde levels in patients infected with <i>Plasmodium vivax</i> . <i>West Indian Medical Journal</i> , 2004, 53, 147-9.	0.4	9
67	Choroidal Thickening During Young Adulthood and Baseline Choroidal Thickness Predicts Refractive Error Change. , 2022, 63, 34.		9
68	Role of the TCF4 Gene Intronic Variant in Normal Variation of Corneal Endothelium. <i>Cornea</i> , 2012, 31, 162-166.	1.7	8
69	Quantification of sun-related changes in the eye in conjunctival ultraviolet autofluorescence images. <i>Journal of Medical Imaging</i> , 2016, 3, 034001.	1.5	8
70	Distribution and Classification of Peripapillary Retinal Nerve Fiber Layer Thickness in Healthy Young Adults. <i>Translational Vision Science and Technology</i> , 2021, 10, 3.	2.2	7
71	Interrogation of the platelet-derived growth factor receptor alpha locus and corneal astigmatism in Australians of Northern European ancestry: results of a genome-wide association study. <i>Molecular Vision</i> , 2013, 19, 1238-46.	1.1	7
72	Associations between seven-year C-reactive protein trajectory or pack-years smoked with choroidal or retinal thicknesses in young adults. <i>Scientific Reports</i> , 2021, 11, 6147.	3.3	6

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73	Conjunctival ultraviolet autofluorescence area decreases with age and sunglasses use. <i>British Journal of Ophthalmology</i> , 2023, 107, 614-620.	3.9	6
74	The effect of transverse ocular magnification adjustment on macular thickness profile in different refractive errors in community-based adults. <i>PLoS ONE</i> , 2022, 17, e0266909.	2.5	6
75	Repurposing blue laser autofluorescence to measure ocular sun exposure. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 445-452.	2.6	5
76	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.	1.9	5
77	Review of null hypothesis significance testing in the ophthalmic literature: are most "significant" <i>P</i> values false positives?. <i>Clinical and Experimental Ophthalmology</i> , 2016, 44, 52-61.	2.6	4
78	Estimation of heritability and familial correlation in myopia is not affected by past sun exposure. <i>Ophthalmic Genetics</i> , 2019, 40, 500-506.	1.2	4
79	The Relationship Between Optic Disc Parameters and Female Reproductive Factors in Young Women. <i>Asia-Pacific Journal of Ophthalmology</i> , 2019, 8, 224-228.	2.5	4
80	Do Levels of Stress Markers Influence the Retinal Nerve Fiber Layer Thickness in Young Adults?. <i>Journal of Glaucoma</i> , 2020, 29, 587-592.	1.6	4
81	Has the Sun Protection Campaign in Australia Reduced the Need for Pterygium Surgery Nationally?. <i>Ophthalmic Epidemiology</i> , 2021, 28, 105-113.	1.7	4
82	Ferritin light chain gene mutation in a large Australian family with hereditary hyperferritinemia-cataract syndrome. <i>Ophthalmic Genetics</i> , 2017, 38, 171-174.	1.2	3
83	Change in the prevalence of myopia in Australian middle-aged adults across 20 years. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 1039-1047.	2.6	3
84	In Utero Exposure to Smoking and Alcohol, and Passive Smoking during Childhood: Effect on the Retinal Nerve Fibre Layer in Young Adulthood. <i>Ophthalmic Epidemiology</i> , 2022, 29, 507-514.	1.7	3
85	Associations Between Fetal Growth Trajectories and the Development of Myopia by 20 Years of Age. , 2020, 61, 26.		3
86	Do recycled spectacles meet the refractive needs of a developing country?. <i>Australasian journal of optometry</i> , 2015, 98, 177-182.	1.3	2
87	How many young drivers do not meet the driver licencing vision requirements?. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 853-854.	2.6	2
88	Re-engaging an inactive cohort of young adults: evaluating recruitment for the Kidskin Young Adult Myopia Study. <i>BMC Medical Research Methodology</i> , 2020, 20, 127.	3.1	2
89	Myopia and skin cancer are inversely correlated: results of the Busselton Healthy Ageing Study. <i>Medical Journal of Australia</i> , 2014, 200, 521-522.	1.7	2
90	Differential stability of variant gene transcripts in myopic patients. <i>Molecular Vision</i> , 2019, 25, 183-193.	1.1	2

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91	The Relationship Between Fetal Growth and Retinal Nerve Fiber Layer Thickness in a Cohort of Young Adults. <i>Translational Vision Science and Technology</i> , 2022, 11, 8.	2.2	2
92	Explosion of ophthalmic collaborative research networks in Australia. <i>Clinical and Experimental Ophthalmology</i> , 2012, 41, n/a-n/a.	2.6	1
93	Age-dependent regional retinal nerve fibre changes in SIX1/SIX6 polymorphism. <i>Scientific Reports</i> , 2020, 10, 12485.	3.3	1
94	Recalling our day in the sun: comparing long-term recall of childhood sun exposure with prospectively collected parent-reported data. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 382-389.	2.9	1
95	Physical Activity and Cardiovascular Fitness During Childhood and Adolescence: Association With Retinal Nerve Fibre Layer Thickness in Young Adulthood. <i>Journal of Glaucoma</i> , 2021, 30, 813-819.	1.6	1
96	Counting on caveolin for clues in glaucoma. <i>Clinical and Experimental Ophthalmology</i> , 2014, 42, 511-512.	2.6	0
97	Reply. <i>American Journal of Ophthalmology</i> , 2017, 174, 179.	3.3	0