

# David A. Mackey

## 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.

472 papers	19,166 citations	67 h-index	122 g-index
507 ext. papers	22,494 ext. citations	6.6 avg, IF	6.12 L-index

#	Paper	IF	Citations
472	Is Genetic Risk for Sleep Apnea Causally Linked With Glaucoma Susceptibility? <b>2022</b> , 63, 25		0
471	Incidence and Progression of Myopia in Early Adulthood.. <i>JAMA Ophthalmology</i> , <b>2022</b> ,	3.9	4
470	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> , <b>2022</b> , 42, 19-27	4.1	1
469	Sleep and eye disease: A review.. <i>Clinical and Experimental Ophthalmology</i> , <b>2022</b> ,	2.4	1
468	Evaluating Distribution of Foveal Avascular Zone Parameters Corrected by Lateral Magnification and Their Associations with Retinal Thickness. <i>Ophthalmology Science</i> , <b>2022</b> , 2, 100134		
467	The effect of transverse ocular magnification adjustment on macular thickness profile in different refractive errors in community-based adults.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0266909	3.7	2
466	Impact of Reference Center Choice on Adaptive Optics Imaging Cone Mosaic Analysis. <b>2022</b> , 63, 12		1
465	Prevalence and Risk Factors of Myopia in Young Adults: Review of Findings From the Raine Study.. <i>Frontiers in Public Health</i> , <b>2022</b> , 10, 861044	6	1
464	Choroidal Thickening During Young Adulthood and Baseline Choroidal Thickness Predicts Refractive Error Change <b>2022</b> , 63, 34		0
463	Association of Smoking, Alcohol Consumption, Blood Pressure, Body Mass Index, and Glycemic Risk Factors With Age-Related Macular Degeneration: A Mendelian Randomization Study. <i>JAMA Ophthalmology</i> , <b>2021</b> ,	3.9	2
462	Conjunctival ultraviolet autofluorescence area decreases with age and sunglasses use. <i>British Journal of Ophthalmology</i> , <b>2021</b> ,	5.5	1
461	Attitudes towards polygenic risk testing in individuals with glaucoma. <i>Ophthalmology Glaucoma</i> , <b>2021</b> ,	2.2	2
460	Establishing risk of vision loss in Leber hereditary optic neuropathy. <i>American Journal of Human Genetics</i> , <b>2021</b> , 108, 2159-2170	11	4
459	Genetic Variants Associated With Human Eye Size Are Distinct From Those Conferring Susceptibility to Myopia <b>2021</b> , 62, 24		0
458	Exploring microperimetry and autofluorescence endpoints for monitoring disease progression in -associated retinopathy. <i>Ophthalmic Genetics</i> , <b>2021</b> , 42, 1-14	1.2	3
457	Genome-wide association study in almost 195,000 individuals identifies 50 previously unidentified genetic loci for eye color. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	11
456	Functional benefits of a chorioretinal anastomosis at 2 years in eyes with a central retinal vein occlusion treated with ranibizumab compared with ranibizumab monotherapy. <i>BMJ Open Ophthalmology</i> , <b>2021</b> , 6, e000728	3.2	0

455	Associations between seven-year C-reactive protein trajectory or pack-years smoked with choroidal or retinal thicknesses in young adults. <i>Scientific Reports</i> , <b>2021</b> , 11, 6147	4.9	2
454	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
453	Childhood and Early Onset Glaucoma Classification and Genetic Profile in a Large Australasian Disease Registry. <i>Ophthalmology</i> , <b>2021</b> , 128, 1549-1560	7.3	3
452	IMI 2021 Yearly Digest <b>2021</b> , 62, 7		6
451	Response to Letter to the Editor: Optic Disc Measures in Obstructive Sleep Apnea: A Community-based Study of Middle-aged and Older Adults. <i>Journal of Glaucoma</i> , <b>2021</b> , 30, e312-e313	2.1	
450	A 127 kb truncating deletion of PGRMC1 is a novel cause of X-linked isolated paediatric cataract. <i>European Journal of Human Genetics</i> , <b>2021</b> , 29, 1206-1215	5.3	1
449	Physical Activity and Cardiovascular Fitness During Childhood and Adolescence: Association With Retinal Nerve Fibre Layer Thickness in Young Adulthood. <i>Journal of Glaucoma</i> , <b>2021</b> , 30, 813-819	2.1	0
448	Inherited retinal diseases are the most common cause of blindness in the working-age population in Australia. <i>Ophthalmic Genetics</i> , <b>2021</b> , 42, 431-439	1.2	12
447	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. <i>PLoS Genetics</i> , <b>2021</b> , 17, e1009497	6	5
446	Associations of sleep apnoea with glaucoma and age-related macular degeneration: an analysis in the United Kingdom Biobank and the Canadian Longitudinal Study on Aging. <i>BMC Medicine</i> , <b>2021</b> , 19, 104	11.4	3
445	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. <i>JAMA Ophthalmology</i> , <b>2021</b> , 139, 601-609	3.9	4
444	CLASSIFYING ABCA4 MUTATION SEVERITY USING AGE-DEPENDENT ULTRA-WIDEFIELD FUNDUS AUTOFLUORESCENCE-DERIVED TOTAL LESION SIZE. <i>Retina</i> , <b>2021</b> , 41, 2578-2588	3.6	2
443	Gender and ethnic differences in pterygium prevalence: an audit of remote Australian clinics. <i>Australasian journal of optometry, The</i> , <b>2021</b> , 104, 74-77	2.7	
442	Has the Sun Protection Campaign in Australia Reduced the Need for Pterygium Surgery Nationally?. <i>Ophthalmic Epidemiology</i> , <b>2021</b> , 28, 105-113	1.9	1
441	Prevalence of Keratoconus Based on Scheimpflug Imaging: The Raine Study. <i>Ophthalmology</i> , <b>2021</b> , 128, 515-521	7.3	25
440	Time spent outdoors through childhood and adolescence - assessed by 25-hydroxyvitamin D concentration - and risk of myopia at 20 years. <i>Acta Ophthalmologica</i> , <b>2021</b> , 99, 679-687	3.7	3
439	Regional Differences in Prevalence of Myopia: Genetic or Environmental Effects?. <i>Essentials in Ophthalmology</i> , <b>2021</b> , 365-379	0.2	
438	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. <i>Nature Communications</i> , <b>2021</b> , 12, 1258	17.4	47

437	Atrophy Expansion Rates in Stargardt Disease Using Ultra-Widefield Fundus Autofluorescence. <i>Ophthalmology Science</i> , <b>2021</b> , 1, 100005		2
436	Paediatric eye injuries during a COVID-19 pandemic lockdown. <i>Australasian journal of optometry, The</i> , <b>2021</b> , 1-5	2.7	
435	Change in the prevalence of myopia in Australian middle-aged adults across 20 years. <i>Clinical and Experimental Ophthalmology</i> , <b>2021</b> , 49, 1039-1047	2.4	0
434	Distribution and Classification of Peripapillary Retinal Nerve Fiber Layer Thickness in Healthy Young Adults. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 3	3.3	1
433	Prevalence and patterns of multimorbidity in Australian baby boomers: the Busselton healthy ageing study. <i>BMC Public Health</i> , <b>2021</b> , 21, 1539	4.1	3
432	What colour are your eyes? Teaching the genetics of eye colour & colour vision. Edridge Green Lecture RCOphth Annual Congress Glasgow May 2019. <i>Eye</i> , <b>2021</b> ,	4.4	1
431	Association of Monogenic and Polygenic Risk With the Prevalence of Open-Angle Glaucoma. <i>JAMA Ophthalmology</i> , <b>2021</b> , 139, 1023-1028	3.9	4
430	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. <i>Ophthalmology</i> , <b>2021</b> , 128, 1300-1311	7.3	5
429	Exposure to Smoking and Alcohol, and Passive Smoking during Childhood: Effect on the Retinal Nerve Fibre Layer in Young Adulthood. <i>Ophthalmic Epidemiology</i> , <b>2021</b> , 1-8	1.9	
428	Patient care standards for primary mitochondrial disease in Australia: an Australian adaptation of the Mitochondrial Medicine Society recommendations. <i>Internal Medicine Journal</i> , <b>2021</b> ,	1.6	1
427	Consortium for Refractive Error and Myopia (CREAM): Vision, Mission, and Accomplishments. <i>Essentials in Ophthalmology</i> , <b>2021</b> , 381-407	0.2	
426	Short-Term Parafoveal Cone Loss Despite Preserved Ellipsoid Zone in Rod Cone Dystrophy.. <i>Translational Vision Science and Technology</i> , <b>2021</b> , 10, 11	3.3	2
425	Optic Disc Measures in Obstructive Sleep Apnea: A Community-based Study of Middle-aged and Older Adults. <i>Journal of Glaucoma</i> , <b>2020</b> , 29, 337-343	2.1	4
424	How many young drivers do not meet the driver licencing vision requirements?. <i>Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 48, 853-854	2.4	
423	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , <b>2020</b> , 35, 685-697 <sup>12.1</sup>		2
422	"Eye genetics at the fork in the road" 2017 Franceschetti Lecture, Leeds UK. <i>Ophthalmic Genetics</i> , <b>2020</b> , 41, 201-207	1.2	
421	Influence of prenatal environment and birth parameters on amblyopia, strabismus, and anisometropia. <i>Journal of AAPOS</i> , <b>2020</b> , 24, 74.e1-74.e7	1.3	7
420	Genome-wide association meta-analysis of corneal curvature identifies novel loci and shared genetic influences across axial length and refractive error. <i>Communications Biology</i> , <b>2020</b> , 3, 133	6.7	9

419	Meta-analysis of 542,934 subjects of European ancestry identifies new genes and mechanisms predisposing to refractive error and myopia. <i>Nature Genetics</i> , <b>2020</b> , 52, 401-407	36.3	68
418	Non-accidental and accidental eye injuries in children in Western Australia. <i>Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 48, 708-710	2.4	1
417	Is Dietary Vitamin A Associated with Myopia from Adolescence to Young Adulthood?. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 29	3.3	2
416	Do Levels of Stress Markers Influence the Retinal Nerve Fiber Layer Thickness in Young Adults?. <i>Journal of Glaucoma</i> , <b>2020</b> , 29, 587-592	2.1	1
415	Western Australia Atropine for the Treatment of Myopia (WA-ATOM) study: Rationale, methodology and participant baseline characteristics. <i>Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 48, 569-579	2.4	7
414	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> , <b>2020</b> , 19, 382-389	4.2	1
413	Choroidal Thickness in Young Adults and its Association with Visual Acuity. <i>American Journal of Ophthalmology</i> , <b>2020</b> , 214, 40-51	4.9	11
412	Biallelic CPAMD8 Variants Are a Frequent Cause of Childhood and Juvenile Open-Angle Glaucoma. <i>Ophthalmology</i> , <b>2020</b> , 127, 758-766	7.3	18
411	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. <i>Nature Genetics</i> , <b>2020</b> , 52, 160-166	36.3	78
410	A prospective longitudinal study of mobile touch screen device use and musculoskeletal symptoms and visual health in adolescents. <i>Applied Ergonomics</i> , <b>2020</b> , 85, 103028	4.2	14
409	How does spending time outdoors protect against myopia? A review. <i>British Journal of Ophthalmology</i> , <b>2020</b> , 104, 593-599	5.5	41
408	Re-engaging an inactive cohort of young adults: evaluating recruitment for the Kidskin Young Adult Myopia Study. <i>BMC Medical Research Methodology</i> , <b>2020</b> , 20, 127	4.7	1
407	Associations Between Fetal Growth Trajectories and the Development of Myopia by 20 Years of Age <b>2020</b> , 61, 26		1
406	Low-dose (0.01%) atropine eye-drops to reduce progression of myopia in children: a multicentre placebo-controlled randomised trial in the UK (CHAMP-UK)-study protocol. <i>British Journal of Ophthalmology</i> , <b>2020</b> , 104, 950-955	5.5	20
405	Association of Genetic Variation With Keratoconus. <i>JAMA Ophthalmology</i> , <b>2020</b> , 138, 174-181	3.9	24
404	Deep learning segmentation of hyperautofluorescent fleck lesions in Stargardt disease. <i>Scientific Reports</i> , <b>2020</b> , 10, 16491	4.9	4
403	OXPHOS bioenergetic compensation does not explain disease penetrance in Leber hereditary optic neuropathy. <i>Mitochondrion</i> , <b>2020</b> , 54, 113-121	4.9	4
402	Improving parents' knowledge of early signs of paediatric eye disease: A double-blind randomized controlled trial. <i>Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 48, 1250-1260	2.4	0

401	Edge of Scotoma Sensitivity as a Microperimetry Clinical Trial End Point in Retinopathy. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 9	3.3	1
400	Age-dependent regional retinal nerve fibre changes in SIX1/SIX6 polymorphism. <i>Scientific Reports</i> , <b>2020</b> , 10, 12485	4.9	1
399	Recurrent Rare Copy Number Variants Increase Risk for Esotropia <b>2020</b> , 61, 22		3
398	Expanding the genetic spectrum of choroideremia in an Australian cohort: report of five novel variants. <i>Human Genome Variation</i> , <b>2020</b> , 7, 35	1.8	1
397	Interpreting MAIA Microperimetry Using Age- and Retinal Loci-Specific Reference Thresholds. <i>Translational Vision Science and Technology</i> , <b>2020</b> , 9, 19	3.3	5
396	Cataract surgical patients as a candidate sentinel population for SARS-CoV-2 surveillance. <i>Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 48, 1316-1318	2.4	1
395	Genetic Studies of Leptin Concentrations Implicate Leptin in the Regulation of Early Adiposity. <i>Diabetes</i> , <b>2020</b> , 69, 2806-2818	0.9	10
394	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
393	Genome-wide association analysis of 95 549 individuals identifies novel loci and genes influencing optic disc morphology. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 3680-3690	5.6	11
392	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , <b>2019</b> , 2, e1910915	10.4	14
391	Epha2 genotype influences ultraviolet radiation induced cataract in mice. <i>Experimental Eye Research</i> , <b>2019</b> , 188, 107806	3.7	6
390	Prevalence of FOXC1 Variants in Individuals With a Suspected Diagnosis of Primary Congenital Glaucoma. <i>JAMA Ophthalmology</i> , <b>2019</b> , 137, 348-355	3.9	16
389	Repurposing blue laser autofluorescence to measure ocular sun exposure. <i>Clinical and Experimental Ophthalmology</i> , <b>2019</b> , 47, 445-452	2.4	1
388	Genetic Correlations Between Diabetes and Glaucoma: An Analysis of Continuous and Dichotomous Phenotypes. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 206, 245-255	4.9	6
387	Exome-Derived Adiponectin-Associated Variants Implicate Obesity and Lipid Biology. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 15-28	11	12
386	IMI - Myopia Genetics Report <b>2019</b> , 60, M89-M105		73
385	Eye Injuries across history and the evolution of eye protection. <i>Acta Ophthalmologica</i> , <b>2019</b> , 97, 637-643	3.7	11
384	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> , <b>2019</b> , 8, 13	3.3	6

383	Vitamin D and its pathway genes in myopia: systematic review and meta-analysis. <i>British Journal of Ophthalmology</i> , <b>2019</b> , 103, 8-17	5.5	15
382	Eye injury registries - A systematic review. <i>Injury</i> , <b>2019</b> , 50, 1839-1846	2.5	8
381	Associations between Optic Disc Measures and Obstructive Sleep Apnea in Young Adults. <i>Ophthalmology</i> , <b>2019</b> , 126, 1372-1384	7.3	14
380	Myopia Outcome Study of Atropine in Children (MOSAIC): an investigator-led, double-masked, placebo-controlled, randomised clinical trial protocol. <i>HRB Open Research</i> , <b>2019</b> , 2, 15	1.2	10
379	Differential stability of variant gene transcripts in myopic patients. <i>Molecular Vision</i> , <b>2019</b> , 25, 183-193	2.3	1
378	Traumatic hyphaema in children: a retrospective and prospective study of outcomes at an Australian paediatric centre. <i>BMJ Open Ophthalmology</i> , <b>2019</b> , 4, e000215	3.2	1
377	Estimation of heritability and familial correlation in myopia is not affected by past sun exposure. <i>Ophthalmic Genetics</i> , <b>2019</b> , 40, 500-506	1.2	0
376	The Relationship Between Optic Disc Parameters and Female Reproductive Factors in Young Women. <i>Asia-Pacific Journal of Ophthalmology</i> , <b>2019</b> , 8, 224-228	3.5	2
375	Current state and future prospects of artificial intelligence in ophthalmology: a review. <i>Clinical and Experimental Ophthalmology</i> , <b>2019</b> , 47, 128-139	2.4	72
374	Mobile touch screen device use and associations with musculoskeletal symptoms and visual health in a nationally representative sample of Singaporean adolescents. <i>Ergonomics</i> , <b>2019</b> , 62, 778-793	2.9	20
373	Seeing the impact of the Glaucoma Inheritance Study in Tasmania after 25 years. <i>Clinical and Experimental Ophthalmology</i> , <b>2019</b> , 47, 677-679	2.4	0
372	Myocilin Gene Gln368Ter Variant Penetrance and Association With Glaucoma in Population-Based and Registry-Based Studies. <i>JAMA Ophthalmology</i> , <b>2019</b> , 137, 28-35	3.9	14
371	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> , <b>2018</b> , 50, 652-656	36.3	59
370	Genome-wide association study identifies nine novel loci for 2D:4D finger ratio, a putative retrospective biomarker of testosterone exposure in utero. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 2025-2038	5.6	27
369	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , <b>2018</b> , 27, 1486-1496	5.6	72
368	Analysis combining correlated glaucoma traits identifies five new risk loci for open-angle glaucoma. <i>Scientific Reports</i> , <b>2018</b> , 8, 3124	4.9	25
367	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> , <b>2018</b> , 8, e020868	3	8
366	Does including colour-blind men enhance search and rescue teams?. <i>Clinical and Experimental Ophthalmology</i> , <b>2018</b> , 46, 817-818	2.4	1



365	Pterygia are indicators of an increased risk of developing cutaneous melanomas. <i>British Journal of Ophthalmology</i> , <b>2018</b> , 102, 496-501	5.5	7
364	Publication output target for ophthalmology subspecialty fellows in Australia. <i>Clinical and Experimental Ophthalmology</i> , <b>2018</b> , 46, 94-98	2.4	0
363	Accuracy of Inferred APOE Genotypes for a Range of Genotyping Arrays and Imputation Reference Panels. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 64, 49-54	4.3	5
362	Genome-wide association study of intraocular pressure uncovers new pathways to glaucoma. <i>Nature Genetics</i> , <b>2018</b> , 50, 1067-1071	36.3	86
361	Longitudinal expression profiling of CD4+ and CD8+ cells in patients with active to quiescent giant cell arteritis. <i>BMC Medical Genomics</i> , <b>2018</b> , 11, 61	3.7	8
360	Congenital blindness is protective for schizophrenia and other psychotic illness. A whole-population study. <i>Schizophrenia Research</i> , <b>2018</b> , 202, 414-416	3.6	11
359	Expression QTL analysis of glaucoma endophenotypes in the Norfolk Island isolate provides evidence that immune-related genes are associated with optic disc size. <i>Journal of Human Genetics</i> , <b>2018</b> , 63, 83-87	4.3	1
358	Genome-Wide Association Study Identifies a Susceptibility Locus for Comitant Esotropia and Suggests a Parent-of-Origin Effect <b>2018</b> , 59, 4054-4064		10
357	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets <b>2018</b> , 59, 629-636		9
356	A genome-wide association study of corneal astigmatism: The CREAM Consortium. <i>Molecular Vision</i> , <b>2018</b> , 24, 127-142	2.3	5
355	Plurality in multi-disciplinary research: multiple institutional affiliations are associated with increased citations. <i>PeerJ</i> , <b>2018</b> , 6, e5664	3.1	6
354	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. <i>Nature Communications</i> , <b>2018</b> , 9, 4774	17.4	47
353	Mitochondrial DNA Variation and Disease Susceptibility in Primary Open-Angle Glaucoma <b>2018</b> , 59, 4598-4602		13
352	Intrasession Repeatability and Interocular Symmetry of Foveal Avascular Zone and Retinal Vessel Density in OCT Angiography. <i>Translational Vision Science and Technology</i> , <b>2018</b> , 7, 6	3.3	28
351	Two-Year Efficacy of Ranibizumab Plus Laser-Induced Chorioretinal Anastomosis vs Ranibizumab Monotherapy for Central Retinal Vein Occlusion: A Randomized Clinical Trial. <i>JAMA Ophthalmology</i> , <b>2018</b> , 136, 1391-1397	3.9	3
350	Crowd-sourced Ontology for Photoleukocoria: Identifying Common Internet Search Terms for a Potentially Important Pediatric Ophthalmic Sign. <i>Translational Vision Science and Technology</i> , <b>2018</b> , 7, 18	3.3	2
349	Single-Cell Profiling Identifies Key Pathways Expressed by iPSCs Cultured in Different Commercial Media. <i>iScience</i> , <b>2018</b> , 7, 30-39	6.1	12
348	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , <b>2018</b> , 50, 834-848	36.3	135



347	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. <i>Nature Communications</i> , <b>2018</b> , 9, 1864	17.4	37
346	The Importance of Conditional Probability in Diagnostic Reasoning and Clinical Decision Making: A Primer for the Eye Care Practitioner. <i>Ophthalmic Epidemiology</i> , <b>2017</b> , 24, 81-89	1.9	1
345	Rare and low-frequency coding variants alter human adult height. <i>Nature</i> , <b>2017</b> , 542, 186-190	50.4	412
344	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> , <b>2017</b> , 26, 438-453	5.6	80
343	Paediatric ocular and adnexal injuries requiring hospitalisation in Western Australia. <i>Australasian journal of optometry, The</i> , <b>2017</b> , 100, 227-233	2.7	14
342	Haplotype reference consortium panel: Practical implications of imputations with large reference panels. <i>Human Mutation</i> , <b>2017</b> , 38, 1025-1032	4.7	20
341	Genome-Wide Association Shows that Pigmentation Genes Play a Role in Skin Aging. <i>Journal of Investigative Dermatology</i> , <b>2017</b> , 137, 1887-1894	4.3	30
340	Conjunctival Ultraviolet Autofluorescence as a Measure of Past Sun Exposure in Children. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2017</b> , 26, 1146-1153	4	13
339	Familial epilepsy with anterior polymicrogyria as a presentation of COL18A1 mutations. <i>European Journal of Medical Genetics</i> , <b>2017</b> , 60, 437-443	2.6	9
338	FUNDUS AUTOFLUORESCENCE IN RUBELLA RETINOPATHY: Correlation With Photoreceptor Structure and Function. <i>Retina</i> , <b>2017</b> , 37, 124-134	3.6	5
337	Glaucoma spectrum and age-related prevalence of individuals with FOXC1 and PITX2 variants. <i>European Journal of Human Genetics</i> , <b>2017</b> , 25, 839-847	5.3	25
336	Genetically low vitamin D concentrations and myopic refractive error: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 1882-1890	7.8	34
335	Myocilin Predictive Genetic Testing for Primary Open-Angle Glaucoma Leads to Early Identification of At-Risk Individuals. <i>Ophthalmology</i> , <b>2017</b> , 124, 303-309	7.3	17
334	Intersession Test-Retest Variability of Microperimetry in Type 2 Macular Telangiectasia. <i>Translational Vision Science and Technology</i> , <b>2017</b> , 6, 7	3.3	8
333	Axial Length Variation Impacts on Superficial Retinal Vessel Density and Foveal Avascular Zone Area Measurements Using Optical Coherence Tomography Angiography <b>2017</b> , 58, 3065-3072		148
332	Key challenges in bringing CRISPR-mediated somatic cell therapy into the clinic. <i>Genome Medicine</i> , <b>2017</b> , 9, 85	14.4	10
331	High-Throughput Genetic Screening of 51 Pediatric Cataract Genes Identifies Causative Mutations in Inherited Pediatric Cataract in South Eastern Australia. <i>G3: Genes, Genomes, Genetics</i> , <b>2017</b> , 7, 3257-3268	2.2	13
330	Drusen in patient-derived hiPSC-RPE models of macular dystrophies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E8214-E8223	11.5	57

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24	Adjunctive intra-operative local anaesthesia in paediatric strabismus surgery: a randomized controlled trial. <i>Australian and New Zealand Journal of Ophthalmology</i> , <b>1998</b> , 26, 289-97		11

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22	Evidence for Paleolithic and Neolithic gene flow in Europe. <i>American Journal of Human Genetics</i> , <b>1998</b> , 62, 488-92	11	74
21	Reply to Hofmann et al. <i>American Journal of Human Genetics</i> , <b>1998</b> , 62, 492-5	11	7
20	Low-penetrance branches in matrilineal pedigrees with Leber hereditary optic neuropathy. <i>American Journal of Human Genetics</i> , <b>1998</b> , 63, 1220-4	11	52
19	Clinical features associated with mutations in the chromosome 1 open-angle glaucoma gene (GLC1A). <i>New England Journal of Medicine</i> , <b>1998</b> , 338, 1022-7	59.2	368
18	Identification of a gene that causes primary open angle glaucoma. <i>Science</i> , <b>1997</b> , 275, 668-70	33.3	1124
17	The 'GIST' score: ranking glaucoma for genetic studies. Glaucoma Inheritance Study of Tasmania. <i>Ophthalmic Genetics</i> , <b>1996</b> , 17, 199-208	1.2	27
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15	The problem of overlapping glaucoma families in the Glaucoma Inheritance Study in Tasmania (GIST). <i>Ophthalmic Genetics</i> , <b>1996</b> , 17, 209-14	1.2	24
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12	Tobacco amblyopia. <i>American Journal of Ophthalmology</i> , <b>1994</b> , 117, 817-9	4.9	15
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10	Leber's hereditary optic neuropathy. Is it a disease of northern Europe and Asia?. <i>Ophthalmic Paediatrics and Genetics</i> , <b>1993</b> , 14, 105-7		
9	Finger prick blood testing in Leber hereditary optic neuropathy. <i>British Journal of Ophthalmology</i> , <b>1993</b> , 77, 311-2	5.5	4
8	Cardiac arrhythmia and Leber's hereditary optic neuropathy. <i>Lancet, The</i> , <b>1992</b> , 339, 1427-8	40	29
7	Leber hereditary optic neuropathy in Australia. <i>Australian and New Zealand Journal of Ophthalmology</i> , <b>1992</b> , 20, 177-84		62
6	Description of X-linked megalocornea with identification of the gene locus. <i>JAMA Ophthalmology</i> , <b>1991</b> , 109, 829-33		47

5	X-linked megalocornea: close linkage to DXS87 and DXS94. <i>Human Genetics</i> , <b>1989</b> , 83, 292-4	6.3	29
4	Myopia Outcome Study of Atropine in Children (MOSAIC): an investigator-led, double-masked, placebo-controlled, randomised clinical trial protocol. <i>HRB Open Research</i> , 2, 15	1.2	0
3	Mutations in a protein target of the Pim-1 kinase associated with the RP9 form of autosomal dominant retinitis pigmentosa		2
2	Mitochondrial replacement in an iPSC model of Leber’s hereditary optic neuropathy		1
1	A large cross-ancestry meta-analysis of genome-wide association studies identifies 69 novel risk loci for primary open-angle glaucoma and includes a genetic link with Alzheimer’s disease		4