

# Omar A Mahroo

## List of Publications by Year in descending order

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Version: 2024-02-01

92  
papers

2,000  
citations

361296

20  
h-index

276775

41  
g-index

95  
all docs

95  
docs citations

95  
times ranked

2533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of refractive error in Europe: the European Eye Epidemiology (E3) Consortium. <i>European Journal of Epidemiology</i> , 2015, 30, 305-315.	2.5	306
2	Meta-analysis of 542,934 subjects of European ancestry identifies new genes and mechanisms predisposing to refractive error and myopia. <i>Nature Genetics</i> , 2020, 52, 401-407.	9.4	180
3	Differentiating drusen: Drusen and drusen-like appearances associated with ageing, age-related macular degeneration, inherited eye disease and other pathological processes. <i>Progress in Retinal and Eye Research</i> , 2016, 53, 70-106.	7.3	159
4	Genetic Basis of Inherited Retinal Disease in a Molecularly Characterized Cohort of More Than 3000 Families from the United Kingdom. <i>Ophthalmology</i> , 2020, 127, 1384-1394.	2.5	131
5	Complications of cataract surgery. <i>Australasian journal of optometry, The</i> , 2010, 93, 379-389.	0.6	121
6	Recovery of the human photopic electroretinogram after bleaching exposures: estimation of pigment regeneration kinetics. <i>Journal of Physiology</i> , 2004, 554, 417-437.	1.3	77
7	The X-linked retinopathies: Physiological insights, pathogenic mechanisms, phenotypic features and novel therapies. <i>Progress in Retinal and Eye Research</i> , 2021, 82, 100898.	7.3	65
8	Retinal Ganglion Cellsâ€™ Diversity of Cell Types and Clinical Relevance. <i>Frontiers in Neurology</i> , 2021, 12, 661938.	1.1	53
9	A clinical and molecular characterisation of CRB1-associated maculopathy. <i>European Journal of Human Genetics</i> , 2018, 26, 687-694.	1.4	51
10	Transient Smartphone â€œBlindnessâ€. <i>New England Journal of Medicine</i> , 2016, 374, 2502-2504.	13.9	41
11	Dark adaptation of human rod bipolar cells measured from the b-wave of the scotopic electroretinogram. <i>Journal of Physiology</i> , 2006, 575, 507-526.	1.3	39
12	SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY FINDINGS IN LONG-TERM SILICONE OILâ€“RELATED VISUAL LOSS. <i>Retina</i> , 2015, 35, 555-563.	1.0	38
13	FUNCTIONAL AND ANATOMICAL OUTCOMES OF CHOROIDAL NEOVASCULARIZATION COMPLICATING BEST1-RELATED RETINOPATHY. <i>Retina</i> , 2017, 37, 1360-1370.	1.0	34
14	Macular spectral domain optical coherence tomography findings in Tanzanian endemic optic neuropathy. <i>Brain</i> , 2013, 136, 3418-3426.	3.7	32
15	Patient-reported benefit from oculoplastic surgery. <i>Eye</i> , 2012, 26, 1418-1423.	1.1	29
16	Extremely rapid recovery of human cone circulating current at the extinction of bleaching exposures. <i>Journal of Physiology</i> , 2005, 567, 95-112.	1.3	28
17	Effect of varying skin surface electrode position on electroretinogram responses recorded using a handheld stimulating and recording system. <i>Documenta Ophthalmologica</i> , 2018, 137, 79-86.	1.0	25
18	Characteristics of rhegmatogenous retinal detachment in pseudophakic and phakic eyes. <i>Eye</i> , 2012, 26, 1114-1121.	1.1	24

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19	Common Mechanisms Underlying Refractive Error Identified in Functional Analysis of Gene Lists From Genome-Wide Association Study Results in 2 European British Cohorts. <i>JAMA Ophthalmology</i> , 2014, 132, 50.	1.4	23
20	Do twins share the same dress code? Quantifying relative genetic and environmental contributions to subjective perceptions of "the dress" in a classical twin study. <i>Journal of Vision</i> , 2017, 17, 29.	0.1	22
21	Negative electroretinograms: genetic and acquired causes, diagnostic approaches and physiological insights. <i>Eye</i> , 2021, 35, 2419-2437.	1.1	22
22	Phenotypic and genotypic correlation between myopia and intelligence. <i>Scientific Reports</i> , 2017, 7, 45977.	1.6	20
23	X-Linked Retinoschisis. <i>Ophthalmology</i> , 2022, 129, 542-551.	2.5	19
24	Photophobia in migraine: A symptom cluster?. <i>Cephalalgia</i> , 2021, 41, 1240-1248.	1.8	18
25	KCNV2-Associated Retinopathy: Genetics, Electrophysiology, and Clinical Course"KCNV2 Study Group Report 1. <i>American Journal of Ophthalmology</i> , 2021, 225, 95-107.	1.7	17
26	ISCEV extended protocol for derivation and analysis of the strong flash rod-isolated ERG a-wave. <i>Documenta Ophthalmologica</i> , 2020, 140, 5-12.	1.0	16
27	<i>CNGB1</i> -related rod-cone dystrophy: A mutation review and update. <i>Human Mutation</i> , 2021, 42, 641-666.	1.1	16
28	Risk Factors for Visual Impairment in Patients with Sickle Cell Disease in London. <i>European Journal of Ophthalmology</i> , 2016, 26, 431-435.	0.7	15
29	Changes in quality of life shortly after routine cataract surgery. <i>Canadian Journal of Ophthalmology</i> , 2016, 51, 282-287.	0.4	15
30	Quantifying the Separation Between the Retinal Pigment Epithelium and Bruch's Membrane using Optical Coherence Tomography in Patients with Inherited Macular Degeneration. <i>Translational Vision Science and Technology</i> , 2020, 9, 26.	1.1	15
31	Re: Abegg et al.: Microcystic macular edema: retrograde maculopathy caused by optic neuropathy ( <i>Ophthalmology</i> 2014;121:142-9). <i>Ophthalmology</i> , 2014, 121, e40.	2.5	14
32	Phenotype and genotype of 197 British patients with <i>McArdle</i> disease: An observational single-centre study. <i>Journal of Inherited Metabolic Disease</i> , 2021, 44, 1409-1418.	1.7	14
33	High Heritability of Posterior Corneal Tomography, as Measured by Scheimpflug Imaging, in a Twin Study. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 8359-8364.	3.3	12
34	Outcomes of ptosis surgery assessed using a patient-reported outcome measure: an exploration of time effects. <i>British Journal of Ophthalmology</i> , 2014, 98, 387-390.	2.1	12
35	Relative Genetic and Environmental Contributions to Variations in Human Retinal Electrical Responses Quantified in a Twin Study. <i>Ophthalmology</i> , 2017, 124, 1175-1185.	2.5	12
36	Retinopathy Associated with Biallelic Mutations in <i>PYGM</i> (McArdle Disease). <i>Ophthalmology</i> , 2019, 126, 320-322.	2.5	12

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37	A genetic and clinical study of individuals with nonsyndromic retinopathy consequent upon sequence variants in <i>HGSNAT</i> , the gene associated with Sanfilippo C mucopolysaccharidosis. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2020, 184, 631-643.	0.7	12
38	Modelling the initial phase of the human rod photoreceptor response to the onset of steady illumination. <i>Documenta Ophthalmologica</i> , 2012, 124, 125-131.	1.0	11
39	The Heritability of the Ring-Like Distribution of Macular Pigment Assessed in a Twin Study. , 2014, 55, 2214.		11
40	A twin study of clioretinal arteries, tilted discs and situs inversus. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 333-340.	1.0	11
41	KCNV2-Associated Retinopathy: Detailed Retinal Phenotype and Structural Endpoints—KCNV2 Study Group Report 2. <i>American Journal of Ophthalmology</i> , 2021, 230, 1-11.	1.7	11
42	Interocular Asymmetries in Axial Length and Refractive Error in 4 Cohorts. <i>Ophthalmology</i> , 2015, 122, 648-649.	2.5	10
43	Genome-Wide Association Study Identifies Two Common Loci Associated with Pigment Dispersion Syndrome/Pigmentary Glaucoma and Implicates Myopia in its Development. <i>Ophthalmology</i> , 2022, 129, 626-636.	2.5	10
44	Slowed recovery of human photopic ERG a-wave amplitude following intense bleaches: a slowing of cone pigment regeneration?. <i>Documenta Ophthalmologica</i> , 2012, 125, 137-147.	1.0	9
45	Comparison of ophthalmic training in 6 English-speaking countries. <i>Canadian Journal of Ophthalmology</i> , 2016, 51, 212-218.	0.4	9
46	Retinal thickness measurements in sickle cell patients with HbSS and HbSC genotype. <i>Canadian Journal of Ophthalmology</i> , 2018, 53, 420-424.	0.4	9
47	Clinical Features of a Retinopathy Associated With a Dominant Allele of the <i>RGR</i> Gene. , 2018, 59, 4812.		9
48	Choroidal macrovessels: multimodal imaging findings and review of the literature. <i>British Journal of Ophthalmology</i> , 2022, 106, 568-575.	2.1	9
49	Spectral Domain Optical Coherence Tomography Findings in a Case Series of Patients with Bilateral Diffuse Uveal Melanocytic Proliferation. <i>Ocular Immunology and Inflammation</i> , 2014, 22, 490-493.	1.0	8
50	Exploring Sex and Laterality Imbalances in Patients Undergoing Laser Retinopexy. <i>JAMA Ophthalmology</i> , 2015, 133, 1334.	1.4	8
51	Clinical and Genetic Findings in CTNNA1-Associated Macular Pattern Dystrophy. <i>Ophthalmology</i> , 2021, 128, 952-955.	2.5	8
52	Electrical responses from human retinal cone pathways associate with a common genetic polymorphism implicated in myopia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	8
53	Jalili Syndrome: Cross-sectional and Longitudinal Features of Seven Patients With Cone-Rod Dystrophy and Amelogenesis Imperfecta. <i>American Journal of Ophthalmology</i> , 2018, 188, 123-130.	1.7	7
54	The Role of Chromosome X in Intraocular Pressure Variation and Sex-Specific Effects. , 2020, 61, 20.		7

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55	New variants and in silico analyses in GRK1 associated Oguchi disease. <i>Human Mutation</i> , 2021, 42, 164-176.	1.1	7
56	Swept Source OCT Image of a Choroidal Macrovascular. <i>Ophthalmology Retina</i> , 2017, 1, 281.	1.2	6
57	Pupil area and photopigment spectral sensitivity are relevant to study of migraine photophobia. <i>Brain</i> , 2017, 140, e2-e2.	3.7	6
58	Axial Length Distributions in Patients With Genetically Confirmed Inherited Retinal Diseases. , 2022, 63, 15.		6
59	Choice of Analytic Approach for Eye-Specific Outcomes: One Eye or Two?. <i>American Journal of Ophthalmology</i> , 2012, 153, 781-782.	1.7	5
60	Roth Spots in Infective Endocarditis. <i>New England Journal of Medicine</i> , 2014, 370, e38.	13.9	5
61	Electroretinography can provide objective assessment of inner retinal function prior to atrophic change on OCT. <i>Eye</i> , 2015, 29, 1513-1513.	1.1	5
62	Cilioretinal Artery Territory Infarction Associated With Papilledema in a Patient With Neurofibromatosis Type 2. <i>Journal of Neuro-Ophthalmology</i> , 2016, 36, 58-60.	0.4	5
63	Retinal findings in a patient with mutations in ABCC6 and ABCA4. <i>Eye</i> , 2018, 32, 1542-1543.	1.1	5
64	Reanalysis of Association of Pro50Leu Substitution in Guanylate Cyclase Activating Protein-1 With Dominant Retinal Dystrophy. <i>JAMA Ophthalmology</i> , 2020, 138, 200.	1.4	5
65	A clinical study of patients with novel CDHR1 genotypes associated with late-onset macular dystrophy. <i>Eye</i> , 2021, 35, 1482-1489.	1.1	5
66	Association Between Medication-Taking and Refractive Error in a Large General Population-Based Cohort. , 2021, 62, 15.		5
67	Exploratory Study of the Association between the Severity of Idiopathic Intracranial Hypertension and Electroretinogram Photopic Negative Response Amplitude Obtained Using a Handheld Device. <i>Life</i> , 2021, 11, 437.	1.1	5
68	Confirmation That Angioid Streaks Are Not Common in Ehlers-Danlos Syndrome. <i>JAMA Ophthalmology</i> , 2019, 137, 1463.	1.4	4
69	Inherited Retinal Disease Panelsâ€”Caveat Emptorâ€”Truly Know Your Inherited Retinal Disease Panel. <i>Retina</i> , 2022, 42, 1-3.	1.0	4
70	A large animal model of <i>RDH5</i> -associated retinopathy recapitulates important features of the human phenotype. <i>Human Molecular Genetics</i> , 2022, 31, 1263-1277.	1.4	4
71	Human retinal dark adaptation tracked <i>in vivo</i> with the electroretinogram: insights into processes underlying recovery of cone- and rod-mediated vision. <i>Journal of Physiology</i> , 2022, 600, 4603-4621.	1.3	4
72	Using Cyanoacrylate Glue for Corneal Perforations. <i>Cornea</i> , 2013, 32, e193.	0.9	3

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73	Prevalence of electronegative electroretinograms in a healthy adult cohort. <i>BMJ Open Ophthalmology</i> , 2021, 6, e000751.	0.8	3
74	Exploring correlations between change in visual acuity following routine cataract surgery and improvement in quality of life assessed with the Glasgow Benefit Inventory. <i>Eye</i> , 2018, 32, 1549-1550.	1.1	2
75	Awareness of olfactory impairment in a cohort of patients with CNGB1-associated retinitis pigmentosa. <i>Eye</i> , 2020, 34, 783-784.	1.1	2
76	CASE REPORT: RETINOPATHY IN A PATIENT WITH COLD HEMAGGLUTININ DISEASE. <i>Retinal Cases and Brief Reports</i> , 2011, 5, 254-255.	0.3	1
77	Central visual disturbance associated with transient disruption of photoreceptor inner-outer segment junction. <i>Canadian Journal of Ophthalmology</i> , 2012, 47, e19-e20.	0.4	1
78	Outcomes of Trabeculectomy With Transconjunctival Application Versus Subconjunctival Application of Mitomycin C. <i>Journal of Glaucoma</i> , 2016, 25, 467-471.	0.8	1
79	Pediatric Ocular Tuberculosis – Choroidal Tubercles. <i>Journal of Pediatrics</i> , 2016, 169, 323.	0.9	1
80	Transient smartphone –blindness–arises from interocular differences in retinal adaptational states. <i>Canadian Journal of Ophthalmology</i> , 2017, 52, 425.	0.4	1
81	Repeatability of the macular pigment spatial profile: A comparison of objective versus subjective classification. <i>Acta Ophthalmologica</i> , 2018, 96, e797-e803.	0.6	1
82	Re: You et Al.: Evidence of Müller glial dysfunction in patients with aquaporin-4 immunoglobulin G –positive neuromyelitis optica spectrum disorder ( <i>Ophthalmology</i> . 2019;126:801–810). <i>Ophthalmology</i> , 2019, 126, e63-e64.	2.5	1
83	Re: Bhatti et Al.: Microcystic macular edema in optic nerve glioma ( <i>Ophthalmology</i> . 2020;127:930). <i>Ophthalmology</i> , 2021, 128, e9.	2.5	1
84	Segmented Macular Layer Volumes from Spectral Domain Optical Coherence Tomography in 184 Adult Twins: Associations With Age and Heritability. , 2020, 61, 44.		1
85	Electrophysiological Assessment in Birdshot Chorioretinopathy: Flicker Electroretinograms Recorded With a Handheld Device. <i>Translational Vision Science and Technology</i> , 2022, 11, 23.	1.1	1
86	Limbus vs. Fornix-Based Trabeculectomy Results. <i>Ophthalmology</i> , 2012, 119, 2196.	2.5	0
87	Potential effects of laterality and learning on misalignment in marking horizontal meridian. <i>Journal of Cataract and Refractive Surgery</i> , 2013, 39, 966.	0.7	0
88	–Dilatation–™ and –dilation–™: trends in use on both sides of the Atlantic. <i>British Journal of Ophthalmology</i> , 2014, 98, 845-846.	2.1	0
89	Ellipsoid Zone Change According to Glaucoma-Stage Advancement. <i>American Journal of Ophthalmology</i> , 2019, 197, 183.	1.7	0
90	Re: Lee et Al.: Longitudinal changes in peripapillary retinal nerve fiber layer thickness in high myopia: a prospective, observational study ( <i>Ophthalmology</i> . 2019;126:522-528). <i>Ophthalmology</i> , 2020, 127, e9-e10.	2.5	0

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91	Money, motivation, and medicine. <i>BMJ: British Medical Journal</i> , 2010, 341, c6830-c6830.	2.4	0
92	A genome-wide analysis of 340,318 participants identifies four novel loci associated with the age of first spectacle wear. <i>Human Molecular Genetics</i> , 2022, , .	1.4	0