Omar A Mahroo

List of Publications by Year
in descending order

92	2,000	361296 20	276775 41
papers	citations	h-index	g-index

95	95	95	2533
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Choroidal macrovessels: multimodal imaging findings and review of the literature. British Journal of Ophthalmology, 2022, 106, 568-575.	2.1	9
2	Inherited Retinal Disease Panelsâ€"Caveat Emptorâ€"Truly Know Your Inherited Retinal Disease Panel. Retina, 2022, 42, 1-3.	1.0	4
3	A large animal model of RDH5-associated retinopathy recapitulates important features of the human phenotype. Human Molecular Genetics, 2022, 31, 1263-1277.	1.4	4
4	Genome-Wide Association Study Identifies Two Common Loci Associated with Pigment Dispersion Syndrome/Pigmentary Glaucoma and Implicates Myopia in its Development. Ophthalmology, 2022, 129, 626-636.	2.5	10
5	A genome-wide analysis of 340â€‰318 participants identifies four novel loci associated with the age of first spectacle wear. Human Molecular Genetics, 2022, , .	1.4	0
6	X-Linked Retinoschisis. Ophthalmology, 2022, 129, 542-551.	2.5	19
7	Electrophysiological Assessment in Birdshot Chorioretinopathy: Flicker Electroretinograms Recorded With a Handheld Device. Translational Vision Science and Technology, 2022, 11, 23.	1.1	1
8	Human retinal dark adaptation tracked in vivo with the electroretinogram: insights into processes underlying recovery of coneâ€•and rodâ€•mediated vision. Journal of Physiology, 2022, 600, 4603-4621.	1.3	4
9	Electrical responses from human retinal cone pathways associate with a common genetic polymorphism implicated in myopia. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	8
10	Axial Length Distributions in Patients With Genetically Confirmed Inherited Retinal Diseases. , 2022, 63, 15.		6
11	A clinical study of patients with novel CDHR1 genotypes associated with late-onset macular dystrophy. Eye, 2021, 35, 1482-1489.	1.1	5
12	Clinical and Genetic Findings in CTNNA1-Associated Macular Pattern Dystrophy. Ophthalmology, 2021, 128, 952-955.	2.5	8
13	The X-linked retinopathies: Physiological insights, pathogenic mechanisms, phenotypic features and novel therapies. Progress in Retinal and Eye Research, 2021, 82, 100898.	7.3	65
14	New variants and in silico analyses in GRK1 associated Oguchi disease. Human Mutation, 2021, 42, 164-176.	1.1	7
15	Re: Bhatti etÂal.: Microcystic macular edema in optic nerveÂglioma (Ophthalmology. 2020;127:930). Ophthalmology, 2021, 128, e9.	2.5	1
16	Association Between Medication-Taking and Refractive Error in a Large General Population-Based Cohort. , 2021, 62, 15.		5
17	KCNV2-Associated Retinopathy: Detailed Retinal Phenotype and Structural Endpointsâ€"KCNV2 Study Group Report 2. American Journal of Ophthalmology, 2021, 230, 1-11.	1.7	11
18	Retinal Ganglion Cellsâ€"Diversity of Cell Types and Clinical Relevance. Frontiers in Neurology, 2021, 12, 661938.	1.1	53

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19	KCNV2-Associated Retinopathy: Genetics, Electrophysiology, and Clinical Courseâ€"KCNV2 Study Group Report 1. American Journal of Ophthalmology, 2021, 225, 95-107.	1.7	17
20	CNGB1 â€related rodâ€cone dystrophy: A mutation review and update. Human Mutation, 2021, 42, 641-666.	1.1	16
21	Photophobia in migraine: A symptom cluster?. Cephalalgia, 2021, 41, 1240-1248.	1.8	18
22	Exploratory Study of the Association between the Severity of Idiopathic Intracranial Hypertension and Electroretinogram Photopic Negative Response Amplitude Obtained Using a Handheld Device. Life, 2021, 11, 437.	1.1	5
23	Negative electroretinograms: genetic and acquired causes, diagnostic approaches and physiological insights. Eye, 2021, 35, 2419-2437.	1.1	22
24	Prevalence of electronegative electroretinograms in a healthy adult cohort. BMJ Open Ophthalmology, 2021, 6, e000751.	0.8	3
25	Phenotype and genotype of 197 British patients with <scp>McArdle</scp> disease: An observational singleâ€centre study. Journal of Inherited Metabolic Disease, 2021, 44, 1409-1418.	1.7	14
26	Awareness of olfactory impairment in a cohort of patients with CNGB1-associated retinitis pigmentosa. Eye, 2020, 34, 783-784.	1.1	2
27	Re: Lee etÂal.: Longitudinal changes in peripapillary retinal nerve fiber layer thickness in high myopia: a prospective, observational study (Ophthalmology. 2019;126:522-528). Ophthalmology, 2020, 127, e9-e10.	2.5	0
28	Reanalysis of Association of Pro50Leu Substitution in Guanylate Cyclase Activating Protein-1 With Dominant Retinal Dystrophy. JAMA Ophthalmology, 2020, 138, 200.	1.4	5
29	A genetic and clinical study of individuals with nonsyndromic retinopathy consequent upon sequence variants in <scp>HGSNAT</scp>, the gene associated with Sanfilippo C mucopolysaccharidosis. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2020, 184, 631-643.	0.7	12
30	The Role of Chromosome X in Intraocular Pressure Variation and Sex-Specific Effects. , 2020, 61, 20.		7
31	Genetic Basis of Inherited Retinal Disease in a Molecularly Characterized Cohort of More Than 3000 Families from the United Kingdom. Ophthalmology, 2020, 127, 1384-1394.	2.5	131
32	Meta-analysis of 542,934 subjects of European ancestry identifies new genes and mechanisms predisposing to refractive error and myopia. Nature Genetics, 2020, 52, 401-407.	9.4	180
33	Quantifying the Separation Between the Retinal Pigment Epithelium and Bruch's Membrane using Optical Coherence Tomography in Patients with Inherited Macular Degeneration. Translational Vision Science and Technology, 2020, 9, 26.	1.1	15
34	ISCEV extended protocol for derivation and analysis of the strong flash rod-isolated ERG a-wave. Documenta Ophthalmologica, 2020, 140, 5-12.	1.0	16
35	Segmented Macular Layer Volumes from Spectral Domain Optical Coherence Tomography in 184 Adult Twins: Associations With Age and Heritability. , 2020, 61, 44.		1
36	Re: You etÂal.: Evidence of MÃ¼ller glial dysfunction in patients with aquaporin-4 immunoglobulin Gâ€"positive neuromyelitis optica spectrum disorder (Ophthalmology. 2019;126:801â€"810). Ophthalmology, 2019, 126, e63-e64.	2.5	1

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37	Confirmation That Angioid Streaks Are Not Common in Ehlers-Danlos Syndrome. JAMA Ophthalmology, 2019, 137, 1463.	1.4	4
38	Retinopathy Associated with Biallelic Mutations in PYGM (McArdle Disease). Ophthalmology, 2019, 126, 320-322.	2.5	12
39	Ellipsoid Zone Change According to Glaucoma-Stage Advancement. American Journal of Ophthalmology, 2019, 197, 183.	1.7	0
40	Jalili Syndrome: Cross-sectional and Longitudinal Features of Seven Patients With Cone-Rod Dystrophy and Amelogenesis Imperfecta. American Journal of Ophthalmology, 2018, 188, 123-130.	1.7	7
41	A clinical and molecular characterisation of CRB1-associated maculopathy. European Journal of Human Genetics, 2018, 26, 687-694.	1.4	51
42	A twin study of cilioretinal arteries, tilted discs and situs inversus. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 333-340.	1.0	11
43	Retinal thickness measurements in sickle cell patients with HbSS and HbSC genotype. Canadian Journal of Ophthalmology, 2018, 53, 420-424.	0.4	9
44	Clinical Features of a Retinopathy Associated With a Dominant Allele of the RGR Gene. , 2018, 59, 4812.		9
45	Repeatability of the macular pigment spatial profile: A comparison of objective versus subjective classification. Acta Ophthalmologica, 2018, 96, e797-e803.	0.6	1
46	Retinal findings in a patient with mutations in ABCC6 and ABCA4. Eye, 2018, 32, 1542-1543.	1.1	5
47	Exploring correlations between change in visual acuity following routine cataract surgery and improvement in quality of life assessed with the Glasgow Benefit Inventory. Eye, 2018, 32, 1549-1550.	1.1	2
48	Effect of varying skin surface electrode position on electroretinogram responses recorded using a handheld stimulating and recording system. Documenta Ophthalmologica, 2018, 137, 79-86.	1.0	25
49	Relative Genetic and Environmental Contributions to Variations in Human Retinal Electrical Responses Quantified in a Twin Study. Ophthalmology, 2017, 124, 1175-1185.	2.5	12
50	Phenotypic and genotypic correlation between myopia and intelligence. Scientific Reports, 2017, 7, 45977.	1.6	20
51	Transient smartphone â€œblindnessâ€•arises from interocular differences in retinal adaptational states. Canadian Journal of Ophthalmology, 2017, 52, 425.	0.4	1
52	Swept Source OCT Image of a Choroidal Macrovessel. Ophthalmology Retina, 2017, 1, 281.	1.2	6
53	FUNCTIONAL AND ANATOMICAL OUTCOMES OF CHOROIDAL NEOVASCULARIZATION COMPLICATING BEST1-RELATED RETINOPATHY. Retina, 2017, 37, 1360-1370.	1.0	34
54	Pupil area and photopigment spectral sensitivity are relevant to study of migraine photophobia. Brain, 2017, 140, e2-e2.	3.7	6

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55	Do twins share the same dress code? Quantifying relative genetic and environmental contributions to subjective perceptions of â€œthe dressâ€• in a classical twin study. Journal of Vision, 2017, 17, 29.	0.1	22
56	Outcomes of Trabeculectomy With Transconjunctival Application Versus Subconjunctival Application of Mitomycin C. Journal of Glaucoma, 2016, 25, 467-471.	0.8	1
57	Cilioretinal Artery Territory Infarction Associated With Papilledema in a Patient With Neurofibromatosis Type 2. Journal of Neuro-Ophthalmology, 2016, 36, 58-60.	0.4	5
58	Risk Factors for Visual Impairment in Patients with Sickle Cell Disease in London. European Journal of Ophthalmology, 2016, 26, 431-435.	0.7	15
59	Differentiating drusen: Drusen and drusen-like appearances associated with ageing, age-related macular degeneration, inherited eye disease and other pathological processes. Progress in Retinal and Eye Research, 2016, 53, 70-106.	7.3	159
60	Changes in quality of life shortly after routine cataract surgery. Canadian Journal of Ophthalmology, 2016, 51, 282-287.	0.4	15
61	Comparison of ophthalmic training in 6 English-speaking countries. Canadian Journal of Ophthalmology, 2016, 51, 212-218.	0.4	9
62	Transient Smartphone â€œBlindnessâ€• New England Journal of Medicine, 2016, 374, 2502-2504.	13.9	41
63	Pediatric Ocular Tuberculosis â€“ Choroidal Tubercles. Journal of Pediatrics, 2016, 169, 323.	0.9	1
64	SPECTRAL DOMAIN OPTICAL COHERENCE TOMOGRAPHY FINDINGS IN LONG-TERM SILICONE OILâ€“RELATED VISUAL LOSS. Retina, 2015, 35, 555-563.	1.0	38
65	Interocular Asymmetries in Axial Length and Refractive Error in 4 Cohorts. Ophthalmology, 2015, 122, 648-649.	2.5	10
66	Prevalence of refractive error in Europe: the European Eye Epidemiology (E3) Consortium. European Journal of Epidemiology, 2015, 30, 305-315.	2.5	306
67	Exploring Sex and Laterality Imbalances in Patients Undergoing Laser Retinopexy. JAMA Ophthalmology, 2015, 133, 1334.	1.4	8
68	Electroretinography can provide objective assessment of inner retinal function prior to atrophic change on OCT. Eye, 2015, 29, 1513-1513.	1.1	5
69	The Heritability of the Ring-Like Distribution of Macular Pigment Assessed in a Twin Study. , 2014, 55, 2214.		11
70	Spectral Domain Optical Coherence Tomography Findings in a Case Series of Patients with Bilateral Diffuse Uveal Melanocytic Proliferation. Ocular Immunology and Inflammation, 2014, 22, 490-493.	1.0	8
71	Common Mechanisms Underlying Refractive Error Identified in Functional Analysis of Gene Lists From Genome-Wide Association Study Results in 2 European British Cohorts. JAMA Ophthalmology, 2014, 132, 50.	1.4	23
72	High Heritability of Posterior Corneal Tomography, as Measured by Scheimpflug Imaging, in a Twin Study. Investigative Ophthalmology and Visual Science, 2014, 55, 8359-8364.	3.3	12

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73	â€˜Dilatationâ€™ and â€˜dilationâ€™: trends in use on both sides of the Atlantic. British Journal of Ophthalmology, 2014, 98, 845-846.	2.1	0
74	Outcomes of ptosis surgery assessed using a patient-reported outcome measure: an exploration of time effects. British Journal of Ophthalmology, 2014, 98, 387-390.	2.1	12
75	Re: Abegg et al.: Microcystic macular edema: retrograde maculopathy caused by optic neuropathy (Ophthalmology 2014;121:142-9). Ophthalmology, 2014, 121, e40.	2.5	14
76	Roth Spots in Infective Endocarditis. New England Journal of Medicine, 2014, 370, e38.	13.9	5
77	Potential effects of laterality and learning on misalignment in marking horizontal meridian. Journal of Cataract and Refractive Surgery, 2013, 39, 966.	0.7	0
78	Macular spectral domain optical coherence tomography findings in Tanzanian endemic optic neuropathy. Brain, 2013, 136, 3418-3426.	3.7	32
79	Using Cyanoacrylate Glue for Corneal Perforations. Cornea, 2013, 32, e193.	0.9	3
80	Characteristics of rhegmatogenous retinal detachment in pseudophakic and phakic eyes. Eye, 2012, 26, 1114-1121.	1.1	24
81	Patient-reported benefit from oculoplastic surgery. Eye, 2012, 26, 1418-1423.	1.1	29
82	Slowed recovery of human photopic ERG a-wave amplitude following intense bleaches: a slowing of cone pigment regeneration?. Documenta Ophthalmologica, 2012, 125, 137-147.	1.0	9
83	Central visual disturbance associated with transient disruption of photoreceptor inner-outer segment junction. Canadian Journal of Ophthalmology, 2012, 47, e19-e20.	0.4	1
84	Limbus vs. Fornix-Based Trabeculectomy Results. Ophthalmology, 2012, 119, 2196.	2.5	0
85	Choice of Analytic Approach for Eye-Specific Outcomes: One Eye or Two?. American Journal of Ophthalmology, 2012, 153, 781-782.	1.7	5
86	Modelling the initial phase of the human rod photoreceptor response to the onset of steady illumination. Documenta Ophthalmologica, 2012, 124, 125-131.	1.0	11
87	CASE REPORT: RETINOPATHY IN A PATIENT WITH COLD HEMAGGLUTININ DISEASE. Retinal Cases and Brief Reports, 2011, 5, 254-255.	0.3	1
88	Complications of cataract surgery. Australasian journal of optometry, The, 2010, 93, 379-389.	0.6	121
89	Money, motivation, and medicine. BMJ: British Medical Journal, 2010, 341, c6830-c6830.	2.4	0
90	Dark adaptation of human rod bipolar cells measured from theb-wave of the scotopic electroretinogram. Journal of Physiology, 2006, 575, 507-526.	1.3	39

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91	Extremely rapid recovery of human cone circulating current at the extinction of bleaching exposures. Journal of Physiology, 2005, 567, 95-112.	1.3	28
92	Recovery of the human photopic electroretinogram after bleaching exposures: estimation of pigment regeneration kinetics. Journal of Physiology, 2004, 554, 417-437.	1.3	77