

Andrew J Lotery

List of Publications by Citations

Source: <https://exaly.com/author-pdf/258833/andrew-j-lotery-publications-by-citations.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

268 papers	13,874 citations	57 h-index	112 g-index
302 ext. papers	16,684 ext. citations	7.3 avg, IF	6.18 L-index

#	Paper	IF	Citations
268	Large-scale association analysis identifies 13 new susceptibility loci for coronary artery disease. <i>Nature Genetics</i> , 2011 , 43, 333-8	36.3	1394
267	A large genome-wide association study of age-related macular degeneration highlights contributions of rare and common variants. <i>Nature Genetics</i> , 2016 , 48, 134-43	36.3	769
266	Ranibizumab versus bevacizumab to treat neovascular age-related macular degeneration: one-year findings from the IVAN randomized trial. <i>Ophthalmology</i> , 2012 , 119, 1399-411	7.3	593
265	Seven new loci associated with age-related macular degeneration. <i>Nature Genetics</i> , 2013 , 45, 433-9, 439e1-3	36.3	577
264	Retinal gene therapy in patients with choroideremia: initial findings from a phase 1/2 clinical trial. <i>Lancet, The</i> , 2014 , 383, 1129-37	40	570
263	Alternative treatments to inhibit VEGF in age-related choroidal neovascularisation: 2-year findings of the IVAN randomised controlled trial. <i>Lancet, The</i> , 2013 , 382, 1258-67	40	504
262	A single EFEMP1 mutation associated with both Malattia Leventinese and Drayton honeycomb retinal dystrophy. <i>Nature Genetics</i> , 1999 , 22, 199-202	36.3	384
261	Common variants near CAV1 and CAV2 are associated with primary open-angle glaucoma. <i>Nature Genetics</i> , 2010 , 42, 906-9	36.3	303
260	Missense variations in the fibulin 5 gene and age-related macular degeneration. <i>New England Journal of Medicine</i> , 2004 , 351, 346-53	59.2	263
259	Central serous chorioretinopathy: an update on pathogenesis and treatment. <i>Eye</i> , 2010 , 24, 1743-56	4.4	226
258	Genome-wide association analyses identify multiple loci associated with central corneal thickness and keratoconus. <i>Nature Genetics</i> , 2013 , 45, 155-63	36.3	222
257	Prevalence of Age-Related Macular Degeneration in Europe: The Past and the Future. <i>Ophthalmology</i> , 2017 , 124, 1753-1763	7.3	220
256	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. <i>Nature Genetics</i> , 2018 , 50, 26-41	36.3	186
255	Clinical efficacy of intravitreal aflibercept versus panretinal photocoagulation for best corrected visual acuity in patients with proliferative diabetic retinopathy at 52 weeks (CLARITY): a multicentre, single-blinded, randomised, controlled, phase 2b, non-inferiority trial. <i>Lancet, The</i> , 2017 , 389, 2193-2203	40	182
254	Allelic variation in ABCR associated with Stargardt disease but not age-related macular degeneration. <i>Nature Genetics</i> , 1998 , 20, 328-9	36.3	172
253	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	36.3	171
252	Homozygosity mapping reveals PDE6C mutations in patients with early-onset cone photoreceptor disorders. <i>American Journal of Human Genetics</i> , 2009 , 85, 240-7	11	155

251	Visual Acuity after Retinal Gene Therapy for Choroideremia. <i>New England Journal of Medicine</i> , 2016 , 374, 1996-8	59.2	151
250	Association between the SERPING1 gene and age-related macular degeneration: a two-stage case-control study. <i>Lancet, The</i> , 2008 , 372, 1828-34	40	143
249	Missense mutations in a retinal pigment epithelium protein, bestrophin-1, cause retinitis pigmentosa. <i>American Journal of Human Genetics</i> , 2009 , 85, 581-92	11	140
248	Common genetic variants associated with open-angle glaucoma. <i>Human Molecular Genetics</i> , 2011 , 20, 2464-71	5.6	134
247	Defining response to anti-VEGF therapies in neovascular AMD. <i>Eye</i> , 2015 , 29, 721-31	4.4	132
246	An analysis of allelic variation in the ABCA4 gene. <i>Investigative Ophthalmology and Visual Science</i> , 2001 , 42, 1179-89		132
245	Age-related macular degeneration and the complement system. <i>Immunobiology</i> , 2012 , 217, 127-46	3.4	126
244	Mutation analysis of 3 genes in patients with Leber congenital amaurosis. <i>JAMA Ophthalmology</i> , 2000 , 118, 538-43		124
243	Oxidation and age-related macular degeneration: insights from molecular biology. <i>Expert Reviews in Molecular Medicine</i> , 2010 , 12, e34	6.7	123
242	Central serous chorioretinopathy: Towards an evidence-based treatment guideline. <i>Progress in Retinal and Eye Research</i> , 2019 , 73, 100770	20.5	122
241	Ranibizumab (Lucentis) versus bevacizumab (Avastin): modelling cost effectiveness. <i>British Journal of Ophthalmology</i> , 2007 , 91, 1244-6	5.5	112
240	Beneficial effects on vision in patients undergoing retinal gene therapy for choroideremia. <i>Nature Medicine</i> , 2018 , 24, 1507-1512	50.5	108
239	Initial results from a first-in-human gene therapy trial on X-linked retinitis pigmentosa caused by mutations in RPGR. <i>Nature Medicine</i> , 2020 , 26, 354-359	50.5	105
238	Clinical course, genetic etiology, and visual outcome in cone and cone-rod dystrophy. <i>Ophthalmology</i> , 2012 , 119, 819-26	7.3	99
237	Evidence of association of APOE with age-related macular degeneration: a pooled analysis of 15 studies. <i>Human Mutation</i> , 2011 , 32, 1407-16	4.7	99
236	Dementia of the eye: the role of amyloid beta in retinal degeneration. <i>Eye</i> , 2015 , 29, 1013-26	4.4	98
235	Allelic variation in the VMD2 gene in best disease and age-related macular degeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2000 , 41, 1291-6		89
234	Variation of codons 1961 and 2177 of the Stargardt disease gene is not associated with age-related macular degeneration. <i>JAMA Ophthalmology</i> , 2001 , 119, 745-51		84

233	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, 438-453	5.6	80
232	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. <i>Nature Genetics</i> , 2020 , 52, 160-166	36.3	78
231	Adeno-associated virus type 5: transduction efficiency and cell-type specificity in the primate retina. <i>Human Gene Therapy</i> , 2003 , 14, 1663-71	4.8	78
230	Burden of illness, visual impairment and health resource utilisation of patients with neovascular age-related macular degeneration: results from the UK cohort of a five-country cross-sectional study. <i>British Journal of Ophthalmology</i> , 2007 , 91, 1303-7	5.5	77
229	Ranibizumab in myopic choroidal neovascularization: the 12-month results from the REPAIR study. <i>Ophthalmology</i> , 2013 , 120, 1944-5.e1	7.3	76
228	Economic burden of bilateral neovascular age-related macular degeneration: multi-country observational study. <i>Pharmacoeconomics</i> , 2008 , 26, 57-73	4.4	75
227	Current concepts on primary open-angle glaucoma genetics: a contribution to disease pathophysiology and future treatment. <i>Eye</i> , 2012 , 26, 355-69	4.4	73
226	First-Year Visual Acuity Outcomes of Providing Aflibercept According to the VIEW Study Protocol for Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2016 , 123, 337-343	7.3	72
225	Meta-analysis of genome-wide association studies identifies novel loci that influence cupping and the glaucomatous process. <i>Nature Communications</i> , 2014 , 5, 4883	17.4	71
224	Complement factor H genetic variant and age-related macular degeneration: effect size, modifiers and relationship to disease subtype. <i>International Journal of Epidemiology</i> , 2012 , 41, 250-62	7.8	70
223	Variations in apolipoprotein E frequency with age in a pooled analysis of a large group of older people. <i>American Journal of Epidemiology</i> , 2011 , 173, 1357-64	3.8	67
222	An analysis of the CFH Y402H genotype in AMD patients and controls from the UK, and response to PDT treatment. <i>Eye</i> , 2008 , 22, 849-54	4.4	67
221	Genome-wide association study of age-related macular degeneration identifies associated variants in the TNXB-FKBPL-NOTCH4 region of chromosome 6p21.3. <i>Human Molecular Genetics</i> , 2012 , 21, 4138-50	5.6	66
220	Eplerenone for chronic central serous chorioretinopathy in patients with active, previously untreated disease for more than 4 months (VICI): a randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , 2020 , 395, 294-303	4.0	64
219	Age-related macular degeneration. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 724, 15-36	3.6	63
218	Reduced secretion of fibulin 5 in age-related macular degeneration and cutis laxa. <i>Human Mutation</i> , 2006 , 27, 568-74	4.7	63
217	Risk of geographic atrophy in age-related macular degeneration patients treated with intravitreal anti-VEGF agents. <i>Eye</i> , 2017 , 31, 1-9	4.4	62
216	Real-world experience with 0.2 µg/day fluocinolone acetonide intravitreal implant (ILUVIEN) in the United Kingdom. <i>Eye</i> , 2017 , 31, 1707-1715	4.4	60

215	Progress in defining the molecular biology of age related macular degeneration. <i>Human Genetics</i> , 2007 , 122, 219-36	6.3	58
214	Association of HLA class I and class II polymorphisms with age-related macular degeneration. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 1726-34		58
213	TBK1 gene duplication and normal-tension glaucoma. <i>JAMA Ophthalmology</i> , 2014 , 132, 544-8	3.9	57
212	Interleukin-8 promoter polymorphism -251A/T is a risk factor for age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2008 , 92, 537-40	5.5	57
211	CRB1 mutations may result in retinitis pigmentosa without para-arteriolar RPE preservation. <i>Ophthalmic Genetics</i> , 2001 , 22, 163-9	1.2	56
210	Photodynamic therapy for central serous chorioretinopathy. <i>Eye</i> , 2014 , 28, 944-57	4.4	55
209	Cost-effectiveness of ranibizumab and bevacizumab for age-related macular degeneration: 2-year findings from the IVAN randomised trial. <i>BMJ Open</i> , 2014 , 4, e005094	3	53
208	Support for the involvement of complement factor I in age-related macular degeneration. <i>European Journal of Human Genetics</i> , 2010 , 18, 15-6	5.3	53
207	Retinal pathology and function in a Cln3 knockout mouse model of juvenile Neuronal Ceroid Lipofuscinosis (batten disease). <i>Molecular and Cellular Neurosciences</i> , 2002 , 19, 515-27	4.8	52
206	Real-world visual acuity outcomes between ranibizumab and aflibercept in treatment of neovascular AMD in a large US data set. <i>Eye</i> , 2017 , 31, 1697-1706	4.4	50
205	Syphilitic acute posterior placoid chorioretinitis in nonimmuno-compromised patients. <i>Eye</i> , 2007 , 21, 1114-9	4.4	50
204	Spectral-Domain Optical Coherence Tomography Imaging in 67 321 Adults: Associations with Macular Thickness in the UK Biobank Study. <i>Ophthalmology</i> , 2016 , 123, 829-40	7.3	49
203	Pharmacogenetic associations with vascular endothelial growth factor inhibition in participants with neovascular age-related macular degeneration in the IVAN Study. <i>Ophthalmology</i> , 2013 , 120, 2637-2643	7.3	49
202	Increased High-Density Lipoprotein Levels Associated with Age-Related Macular Degeneration: Evidence from the EYE-RISK and European Eye Epidemiology Consortia. <i>Ophthalmology</i> , 2019 , 126, 393-406	7.3	49
201	Optimisation of polymer scaffolds for retinal pigment epithelium (RPE) cell transplantation. <i>British Journal of Ophthalmology</i> , 2011 , 95, 563-8	5.5	47
200	A randomised controlled trial to assess the clinical effectiveness and cost-effectiveness of alternative treatments to Inhibit VEGF in Age-related choroidal Neovascularisation (IVAN). <i>Health Technology Assessment</i> , 2015 , 19, 1-298	4.4	47
199	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. <i>Nature Communications</i> , 2021 , 12, 1258	17.4	47
198	Optical coherence tomography for the monitoring of neovascular age-related macular degeneration: a systematic review. <i>Ophthalmology</i> , 2015 , 122, 399-406	7.3	46

197	Central serous chorioretinopathy: An update on risk factors, pathophysiology and imaging modalities. <i>Progress in Retinal and Eye Research</i> , 2020 , 79, 100865	20.5	45
196	Gene transfer to the nonhuman primate retina with recombinant feline immunodeficiency virus vectors. <i>Human Gene Therapy</i> , 2002 , 13, 689-96	4.8	45
195	The role of epigenetics in age-related macular degeneration. <i>Eye</i> , 2014 , 28, 1407-17	4.4	44
194	Systemic and Ocular Determinants of Peripapillary Retinal Nerve Fiber Layer Thickness Measurements in the European Eye Epidemiology (E3) Population. <i>Ophthalmology</i> , 2018 , 125, 1526-1536	7.3	41
193	A systematic review to assess the treat-and-extend dosing regimen for neovascular age-related macular degeneration using ranibizumab. <i>Eye</i> , 2017 , 31, 1337-1344	4.4	40
192	Clinical Effectiveness of Intravitreal Therapy With Ranibizumab vs Aflibercept vs Bevacizumab for Macular Edema Secondary to Central Retinal Vein Occlusion: A Randomized Clinical Trial. <i>JAMA Ophthalmology</i> , 2019 , 137, 1256-1264	3.9	39
191	Efficacy and Safety of Abicipar in Neovascular Age-Related Macular Degeneration: 52-Week Results of Phase 3 Randomized Controlled Study. <i>Ophthalmology</i> , 2020 , 127, 1331-1344	7.3	39
190	An Induced Pluripotent Stem Cell Patient Specific Model of Complement Factor H (Y402H) Polymorphism Displays Characteristic Features of Age-Related Macular Degeneration and Indicates a Beneficial Role for UV Light Exposure. <i>Stem Cells</i> , 2017 , 35, 2305-2320	5.8	38
189	The chemistry of retinal transplantation: the influence of polymer scaffold properties on retinal cell adhesion and control. <i>British Journal of Ophthalmology</i> , 2011 , 95, 768-73	5.5	38
188	Ranibizumab for the treatment of choroidal neovascularisation secondary to pathological myopia: interim analysis of the REPAIR study. <i>Eye</i> , 2013 , 27, 709-15	4.4	37
187	Allelic variation of the FRMD7 gene in congenital idiopathic nystagmus. <i>JAMA Ophthalmology</i> , 2007 , 125, 1255-63		36
186	Genome-wide association study of primary open angle glaucoma risk and quantitative traits. <i>Molecular Vision</i> , 2012 , 18, 1083-92	2.3	36
185	Correctable visual impairment in stroke rehabilitation patients. <i>Age and Ageing</i> , 2000 , 29, 221-2	3	35
184	Impaired Cargo Clearance in the Retinal Pigment Epithelium (RPE) Underlies Irreversible Blinding Diseases. <i>Cells</i> , 2018 , 7,	7.9	34
183	Rare and common variants in extracellular matrix gene Fibrillin 2 (FBN2) are associated with macular degeneration. <i>Human Molecular Genetics</i> , 2014 , 23, 5827-37	5.6	34
182	Retinal pigment epithelium transplantation: concepts, challenges, and future prospects. <i>Eye</i> , 2015 , 29, 992-1002	4.4	34
181	A review of the molecular genetics of congenital Idiopathic Nystagmus (CIN). <i>Ophthalmic Genetics</i> , 2007 , 28, 187-91	1.2	34
180	Age-related macular degeneration and modification of systemic complement factor H production through liver transplantation. <i>Ophthalmology</i> , 2013 , 120, 1612-8	7.3	32

179	A genome-wide association study of intra-ocular pressure suggests a novel association in the gene FAM125B in the TwinsUK cohort. <i>Human Molecular Genetics</i> , 2014 , 23, 3343-8	5.6	32
178	Cohort profile: design and methods in the eye and vision consortium of UK Biobank. <i>BMJ Open</i> , 2019 , 9, e025077	3	31
177	Photodynamic therapy for retinal capillary hemangioma. <i>Eye</i> , 2013 , 27, 438-42	4.4	31
176	The clinical effectiveness and cost-effectiveness of second-eye cataract surgery: a systematic review and economic evaluation. <i>Health Technology Assessment</i> , 2014 , 18, 1-205, v-vi	4.4	31
175	Long-term outcomes of phakic patients with diabetic macular oedema treated with intravitreal fluocinolone acetonide (FAc) implants. <i>Eye</i> , 2015 , 29, 1173-80	4.4	29
174	Associations with Retinal Pigment Epithelium Thickness Measures in a Large Cohort: Results from the UK Biobank. <i>Ophthalmology</i> , 2017 , 124, 105-117	7.3	29
173	Discrepancy in current central serous chorioretinopathy classification. <i>British Journal of Ophthalmology</i> , 2019 , 103, 737-742	5.5	28
172	Sorsby fundus dystrophy - A review of pathology and disease mechanisms. <i>Experimental Eye Research</i> , 2017 , 165, 35-46	3.7	28
171	Fcγ receptor upregulation is associated with immune complex inflammation in the mouse retina and early age-related macular degeneration 2014 , 55, 247-58		28
170	The complement component 5 gene and age-related macular degeneration. <i>Ophthalmology</i> , 2010 , 117, 500-11	7.3	28
169	One-year real-world outcomes in patients receiving fixed-dosing aflibercept for neovascular age-related macular degeneration. <i>Eye</i> , 2017 , 31, 878-883	4.4	27
168	Complement pathway biomarkers and age-related macular degeneration. <i>Eye</i> , 2016 , 30, 1-14	4.4	27
167	Y chromosome mosaicism is associated with age-related macular degeneration. <i>European Journal of Human Genetics</i> , 2019 , 27, 36-41	5.3	27
166	Genetics and genetic testing for age-related macular degeneration. <i>Eye</i> , 2018 , 32, 849-857	4.4	27
165	The Royal College of Ophthalmologists recommendations on screening for hydroxychloroquine and chloroquine users in the United Kingdom: executive summary. <i>Eye</i> , 2018 , 32, 1168-1173	4.4	26
164	Age-Related Macular Degeneration: A Disease of Systemic or Local Complement Dysregulation?. <i>Journal of Clinical Medicine</i> , 2014 , 3, 1234-57	5.1	26
163	Clinical implications of old and new genes for open-angle glaucoma. <i>Ophthalmology</i> , 2011 , 118, 2389-97	7.3	26
162	Localisation of a gene for central areolar choroidal dystrophy to chromosome 17p. <i>Human Molecular Genetics</i> , 1996 , 5, 705-8	5.6	26

161	Risk of acute stroke in patients with retinal artery occlusion: a systematic review and meta-analysis. <i>Eye</i> , 2020 , 34, 683-689	4.4	26
160	The complexities underlying age-related macular degeneration: could amyloid beta play an important role?. <i>Neural Regeneration Research</i> , 2017 , 12, 538-548	4.5	25
159	VEGFR2 Gene Polymorphisms and Response to Anti-Vascular Endothelial Growth Factor Therapy in Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2015 , 122, 1563-8	7.3	23
158	X-linked retinoschisis maculopathy treated with topical dorzolamide, and relationship to genotype. <i>Eye</i> , 2011 , 25, 922-8	4.4	22
157	Ophthalmic epidemiology in Europe: the "European Eye Epidemiology" (E3) consortium. <i>European Journal of Epidemiology</i> , 2016 , 31, 197-210	12.1	21
156	Structural effects of fibulin 5 missense mutations associated with age-related macular degeneration and cutis laxa 2010 , 51, 2356-62		21
155	Determination of a gene and environment risk model for age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2010 , 94, 1382-7	5.5	21
154	Localization of complement 1 inhibitor (C1INH/SERPING1) in human eyes with age-related macular degeneration. <i>Experimental Eye Research</i> , 2009 , 89, 767-73	3.7	21
153	Comparison of Associations with Different Macular Inner Retinal Thickness Parameters in a Large Cohort: The UK Biobank. <i>Ophthalmology</i> , 2020 , 127, 62-71	7.3	20
152	Association of Genetic Variants With Response to Anti-Vascular Endothelial Growth Factor Therapy in Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2018 , 136, 875-884	3.9	20
151	Common spectral domain OCT and electrophysiological findings in different pattern dystrophies. <i>British Journal of Ophthalmology</i> , 2013 , 97, 605-10	5.5	19
150	Fine localisation of the gene for central areolar choroidal dystrophy on chromosome 17p. <i>Journal of Medical Genetics</i> , 1998 , 35, 770-2	5.8	19
149	A retrospective study of the real-life utilization and effectiveness of ranibizumab therapy for neovascular age-related macular degeneration in the UK. <i>Clinical Ophthalmology</i> , 2016 , 10, 87-96	2.5	18
148	Developing methacrylate-based copolymers as an artificial Bruch's membrane substitute. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 2358-64	5.4	17
147	Age-related macular degeneration is associated with the HLA-Cw*0701 Genotype and the natural killer cell receptor AA haplotype 2008 , 49, 5077-82		17
146	Intravitreal bevacizumab (Avastin) for the treatment of choroidal neovascularization in age-related macular degeneration: results from 118 cases. <i>British Journal of Ophthalmology</i> , 2007 , 91, 1716-7	5.5	17
145	Fungal keratitis caused by <i>Scopulariopsis brevicaulis</i> : successful treatment with topical amphotericin B and chloramphenicol without the need for surgical debridement. <i>British Journal of Ophthalmology</i> , 1994 , 78, 730	5.5	17
144	Aflibercept in wet AMD beyond the first year of treatment: recommendations by an expert roundtable panel. <i>Eye</i> , 2015 , 29 Suppl 1, S1-S11	4.4	16

143	Serum Vascular Endothelial Growth Factor Levels in the IVAN Trial; Relationships with Drug, Dosing, and Systemic Serious Adverse Events. <i>Ophthalmology Retina</i> , 2018 , 2, 118-127	3.8	16
142	Optical coherence tomography for the diagnosis of neovascular age-related macular degeneration: a systematic review. <i>Eye</i> , 2014 , 28, 1399-406	4.4	16
141	Second-year visual acuity outcomes of nAMD patients treated with aflibercept: data analysis from the UK Aflibercept Users Group. <i>Eye</i> , 2017 , 31, 1582-1588	4.4	16
140	Prevalence of myocilin gene mutations in a novel UK cohort of POAG patients. <i>Eye</i> , 2010 , 24, 328-33	4.4	16
139	Complement factor I and age-related macular degeneration. <i>Molecular Vision</i> , 2014 , 20, 1253-7	2.3	16
138	United Kingdom Diabetic Retinopathy Electronic Medical Record (UK DR EMR) Users Group: report 4, real-world data on the impact of deprivation on the presentation of diabetic eye disease at hospital services. <i>British Journal of Ophthalmology</i> , 2019 , 103, 837-843	5.5	16
137	Ambient Air Pollution Associations with Retinal Morphology in the UK Biobank 2020 , 61, 32		15
136	A rare penetrant TIMP3 mutation confers relatively late onset choroidal neovascularisation which can mimic age-related macular degeneration. <i>Eye</i> , 2016 , 30, 488-91	4.4	15
135	Ex-vivo models of the Retinal Pigment Epithelium (RPE) in long-term culture faithfully recapitulate key structural and physiological features of native RPE. <i>Tissue and Cell</i> , 2017 , 49, 447-460	2.7	15
134	Successful treatment of choroidal neovascularization secondary to sorsby fundus dystrophy with intravitreal bevacizumab. <i>Retinal Cases and Brief Reports</i> , 2011 , 5, 132-5	1.1	15
133	Associations with Corneal Hysteresis in a Population Cohort: Results from 96 010 UK Biobank Participants. <i>Ophthalmology</i> , 2019 , 126, 1500-1510	7.3	14
132	Variation in complement component C1 inhibitor in age-related macular degeneration. <i>Immunobiology</i> , 2012 , 217, 251-5	3.4	14
131	Biodegradable poly(l-hydroxy ester) blended microspheres as suitable carriers for retinal pigment epithelium cell transplantation. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 95, 1233-43	5.4	14
130	Idiopathic juxtafoveolar retinal telangiectasis in monozygotic twins. <i>British Journal of Ophthalmology</i> , 2007 , 91, 1729-30	5.5	14
129	Complement factor H Y402H gene polymorphism in coronary artery disease and atherosclerosis. <i>Atherosclerosis</i> , 2006 , 188, 213-4	3.1	14
128	Optical coherence tomography for the diagnosis, monitoring and guiding of treatment for neovascular age-related macular degeneration: a systematic review and economic evaluation. <i>Health Technology Assessment</i> , 2014 , 18, 1-254	4.4	14
127	Visual Function Decline Resulting from Geographic Atrophy: Results from the Chroma and Spectri Phase 3 Trials. <i>Ophthalmology Retina</i> , 2020 , 4, 673-688	3.8	14
126	The Alzheimer®-related amyloid beta peptide is internalised by R28 neuroretinal cells and disrupts the microtubule associated protein 2 (MAP-2). <i>Experimental Eye Research</i> , 2016 , 153, 110-121	3.7	14

125	Association of ambient air pollution with age-related macular degeneration and retinal thickness in UK Biobank. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	14
124	Can genetic risk information for age-related macular degeneration influence motivation to stop smoking? A pilot study. <i>Eye</i> , 2012 , 26, 109-18	4.4	13
123	2012 ,		13
122	The molecular genetics of congenital idiopathic nystagmus. <i>Seminars in Ophthalmology</i> , 2006 , 21, 87-90	2.4	13
121	Epigenetics in age-related macular degeneration: new discoveries and future perspectives. <i>Cellular and Molecular Life Sciences</i> , 2020 , 77, 807-818	10.3	13
120	Anatomical and functional outcomes following switching from aflibercept to ranibizumab in neovascular age-related macular degeneration in Europe: SAFARI study. <i>British Journal of Ophthalmology</i> , 2020 , 104, 493-499	5.5	13
119	Patterns of ranibizumab and aflibercept treatment of central retinal vein occlusion in routine clinical practice in the USA. <i>Eye</i> , 2015 , 29, 380-7	4.4	12
118	Rare Genetic Variants in Complement Factor I Lead to Low FI Plasma Levels Resulting in Increased Risk of Age-Related Macular Degeneration 2020 , 61, 18		12
117	Coat®-like exudation in rhodopsin retinitis pigmentosa: successful treatment with an intravitreal dexamethasone implant. <i>Eye</i> , 2014 , 28, 449-51	4.4	12
116	Infantile nystagmus and late onset ataxia associated with a CACNA1A mutation in the intracellular loop between s4 and s5 of domain 3. <i>Eye</i> , 2009 , 23, 2251-5	4.4	12
115	Intravitreal anti-vascular endothelial growth factors, panretinal photocoagulation and combined treatment for proliferative diabetic retinopathy: a systematic review and network meta-analysis. <i>Acta Ophthalmologica</i> , 2021 , 99, e795-e805	3.7	12
114	An Intraocular Pressure Polygenic Risk Score Stratifies Multiple Primary Open-Angle Glaucoma Parameters Including Treatment Intensity. <i>Ophthalmology</i> , 2020 , 127, 901-907	7.3	12
113	Clinical efficacy of eplerenone versus placebo for central serous chorioretinopathy: study protocol for the VICI randomised controlled trial. <i>Eye</i> , 2019 , 33, 295-303	4.4	12
112	A lasered mouse model of retinal degeneration displays progressive outer retinal pathology providing insights into early geographic atrophy. <i>Scientific Reports</i> , 2019 , 9, 7475	4.9	11
111	Characterisation of mouse limbal neurosphere cells: a potential cell source of functional neurons. <i>British Journal of Ophthalmology</i> , 2012 , 96, 1431-7	5.5	11
110	Fine-scale linkage disequilibrium mapping of age-related macular degeneration in the complement factor H gene region. <i>British Journal of Ophthalmology</i> , 2007 , 91, 966-70	5.5	11
109	Treatment Satisfaction and Well-Being in Patients with Myopic Choroidal Neovascularization Treated with Ranibizumab in the REPAIR Study. <i>PLoS ONE</i> , 2015 , 10, e0128403	3.7	11
108	Myocilin Mutations in Patients With Normal-Tension Glaucoma. <i>JAMA Ophthalmology</i> , 2019 , 137, 559-563	9	11

107	A convenient protocol for establishing a human cell culture model of the outer retina. <i>F1000Research</i> , 2018 , 7, 1107	3.6	11
106	Fundus autofluorescence imaging: systematic review of test accuracy for the diagnosis and monitoring of retinal conditions. <i>Eye</i> , 2017 , 31, 995-1007	4.4	10
105	From compliment to insult: genetics of the complement system in physiology and disease in the human retina. <i>Human Molecular Genetics</i> , 2017 , 26, R51-R57	5.6	10
104	A study of a family with the skeletal muscle RYR1 mutation (c.7354C>T) associated with central core myopathy and malignant hyperthermia susceptibility. <i>Journal of Clinical Neuroscience</i> , 2012 , 19, 65-70	2.2	10
103	Multi-trait genome-wide association study identifies new loci associated with optic disc parameters. <i>Communications Biology</i> , 2019 , 2, 435	6.7	10
102	Adaptive optics: principles and applications in ophthalmology. <i>Eye</i> , 2021 , 35, 244-264	4.4	10
101	Oxidative Stress and Dysfunctional Intracellular Traffic Linked to an Unhealthy Diet Results in Impaired Cargo Transport in the Retinal Pigment Epithelium (RPE). <i>Molecular Nutrition and Food Research</i> , 2019 , 63, e1800951	5.9	9
100	The Decreasing Prevalence of Nonrefractive Visual Impairment in Older Europeans: A Meta-analysis of Published and Unpublished Data. <i>Ophthalmology</i> , 2018 , 125, 1149-1159	7.3	9
99	Frmd7 expression in developing mouse brain. <i>Eye</i> , 2010 , 24, 165-9	4.4	9
98	Fibulin 5 forms a compact dimer in physiological solutions. <i>Journal of Biological Chemistry</i> , 2009 , 284, 25938-43	5.4	9
97	Long-term survival in a case of bilateral diffuse uveal melanocytic proliferation. <i>Eye</i> , 2011 , 25, 1385-6	4.4	9
96	HLA and eye disease: a synopsis. <i>International Journal of Immunogenetics</i> , 2005 , 32, 333-42	2.3	9
95	Gene, Cell and Antibody-Based Therapies for the Treatment of Age-Related Macular Degeneration. <i>Biologics: Targets and Therapy</i> , 2020 , 14, 83-94	4.4	9
94	Multicolor imaging in the diagnosis and follow up of type 2 acute macular neuroretinopathy. <i>Eye</i> , 2017 , 31, 127-131	4.4	8
93	Occult giant cell (temporal) arteritis presenting with bilateral sixth and unilateral fourth nerve palsies. <i>Eye</i> , 1998 , 12 (Pt 6), 1014-6	4.4	8
92	Challenges in studying geographic atrophy (GA) age-related macular degeneration: the potential of a new mouse model with GA-like features. <i>Neural Regeneration Research</i> , 2020 , 15, 863-864	4.5	8
91	The Diverse Roles of TIMP-3: Insights into Degenerative Diseases of the Senescent Retina and Brain. <i>Cells</i> , 2019 , 9,	7.9	8
90	How to set up a Hydroxychloroquine Retinopathy Screening Service. <i>Eye</i> , 2019 , 33, 1679-1682	4.4	7

89	Oral levodopa rescues retinal morphology and visual function in a murine model of human albinism. <i>Pigment Cell and Melanoma Research</i> , 2019 , 32, 657-671	4.5	7
88	Phenotype/genotype correlation in a case series of Stargardt® patients identifies novel mutations in the ABCA4 gene. <i>Eye</i> , 2013 , 27, 1316-9	4.4	7
87	Gene therapy for RPE65-mediated inherited retinal dystrophy completes phase 3. <i>Lancet, The</i> , 2017 , 390, 823-824	4.0	7
86	Chlamydia infection status, genotype, and age-related macular degeneration. <i>Molecular Vision</i> , 2012 , 18, 29-37	2.3	7
85	Paucimorphic Alleles versus Polymorphic Alleles and Rare Mutations in Disease Causation: Theory, Observation and Detection. <i>Current Genomics</i> , 2004 , 5, 431-438	2.6	7
84	A small gene sequencing panel realises a high diagnostic rate in patients with congenital nystagmus following basic phenotyping. <i>Scientific Reports</i> , 2019 , 9, 13229	4.9	6
83	Vision-Related Quality of Life in Patients with Diabetic Macular Edema Treated with Intravitreal Aflibercept: The AQUA Study. <i>Ophthalmology Retina</i> , 2019 , 3, 567-575	3.8	6
82	Fixed bimonthly aflibercept in naïve and switched neovascular age-related macular degeneration patients: one year outcomes. <i>International Journal of Ophthalmology</i> , 2016 , 9, 1156-62	1.4	6
81	Quantification of Key Retinal Features in Early and Late Age-Related Macular Degeneration Using Deep Learning. <i>American Journal of Ophthalmology</i> , 2021 , 226, 1-12	4.9	6
80	Monitoring for neovascular age-related macular degeneration (AMD) reactivation at home: the MONARCH study. <i>Eye</i> , 2021 , 35, 592-600	4.4	6
79	Progress in developing rodent models of age-related macular degeneration (AMD). <i>Experimental Eye Research</i> , 2021 , 203, 108404	3.7	6
78	Fluocinolone acetonide vitreous insert for chronic diabetic macular oedema: a systematic review with meta-analysis of real-world experience. <i>Scientific Reports</i> , 2021 , 11, 4800	4.9	6
77	Fine mapping of the X-linked recessive congenital idiopathic nystagmus locus at Xq24-q26.3. <i>Molecular Vision</i> , 2006 , 12, 1211-6	2.3	6
76	AAV2/8 Anti-angiogenic Gene Therapy Using Single-Chain Antibodies Inhibits Murine Choroidal Neovascularization. <i>Molecular Therapy - Methods and Clinical Development</i> , 2019 , 13, 86-98	6.4	5
75	COVID19 and ophthalmology: a brief summary of the literature. <i>Eye</i> , 2020 , 34, 1200-1202	4.4	5
74	Bilateral cataract surgery with intraocular lens implant in a captive western lowland gorilla. <i>Journal of Medical Primatology</i> , 2017 , 46, 252-255	0.7	5
73	The cost-effectiveness of second-eye cataract surgery in the UK. <i>Age and Ageing</i> , 2015 , 44, 1026-31	3	5
72	Vitamin A deficiency-related retinopathy after bariatric surgery. <i>Graefels Archive for Clinical and Experimental Ophthalmology</i> , 2012 , 250, 941-3	3.8	5

71	Cystoid macular oedema successfully treated by cryotherapy in retinitis pigmentosa with Coats-like retinal exudation. <i>Eye</i> , 2011 , 25, 821-2	4.4	5
70	The cheaper drug, bevacizumab, should be referred to NICE. <i>BMJ, The</i> , 2007 , 334, 381-2	5.9	5
69	Retinal pigment epithelial tear following intravitreal bevacizumab for choroidal neovascular membrane due to age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2007 , 91, 977-8	5.5	5
68	Adult limbal neurosphere cells: a potential autologous cell resource for retinal cell generation. <i>PLoS ONE</i> , 2014 , 9, e108418	3.7	5
67	Iatrogenic acute angle closure glaucoma masked by general anaesthesia and intensive care. <i>Ulster Medical Journal</i> , 1995 , 64, 178-80	0.4	5
66	In vitro stem cell modelling demonstrates a proof-of-concept for excess functional mutant TIMP3 as the cause of Sorsby fundus dystrophy. <i>Journal of Pathology</i> , 2020 , 252, 138-150	9.4	5
65	Pentosan Polysulfate Maculopathy-Prescribers Should Be Aware. <i>JAMA Ophthalmology</i> , 2020 , 138, 900-902	3.9	5
64	Comprehensive sequencing of the myocilin gene in a selected cohort of severe primary open-angle glaucoma patients. <i>Scientific Reports</i> , 2019 , 9, 3100	4.9	5
63	Characteristics of p.Gln368Ter Myocilin Variant and Influence of Polygenic Risk on Glaucoma Penetrance in the UK Biobank. <i>Ophthalmology</i> , 2021 , 128, 1300-1311	7.3	5
62	Retinitis pigmentosa and bilateral cystoid macular oedema in a patient heterozygous for the RIM1 mutation previously associated with cone-rod dystrophy 7. <i>Ophthalmic Genetics</i> , 2017 , 38, 178-182	1.2	4
61	Socio-economic status and outcomes for patients with age-related macular degeneration. <i>Eye</i> , 2019 , 33, 1224-1231	4.4	4
60	Multimodal Imaging in the Management of Choroidal Neovascularization Secondary to Central Serous Chorioretinopathy. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
59	Electrophysiology findings in a large family with central areolar choroidal dystrophy. <i>Documenta Ophthalmologica</i> , 1998 , 97, 103-19	2.2	4
58	Radiotherapy for age-related macular degeneration: no more pilot studies please. <i>Eye</i> , 2005 , 19, 1137-41	4.4	4
57	Genetics update of macular diseases. <i>Ophthalmology Clinics of North America</i> , 2002 , 15, 459-65		4
56	Long term follow-up of a family with dominant cone dystrophy. <i>International Journal of Ophthalmology</i> , 2018 , 11, 1945-1950	1.4	4
55	3D-Reconstructed Retinal Pigment Epithelial Cells Provide Insights into the Anatomy of the Outer Retina. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4
54	An In-Vitro Cell Model of Intracellular Protein Aggregation Provides Insights into RPE Stress Associated with Retinopathy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	4

53	Retinal asymmetry in multiple sclerosis. <i>Brain</i> , 2021 , 144, 224-235	11.2	4
52	Oligomeric A β Induces an AMD-Like Phenotype and Accumulates in Lysosomes to Impair RPE Function. <i>Cells</i> , 2021 , 10,	7.9	4
51	Joint recommendations for retinal screening in long-term users of hydroxychloroquine and chloroquine in the United Kingdom, 2018. <i>British Journal of Dermatology</i> , 2018 , 179, 995-996	4	4
50	Treat and extend versus fixed regimen in neovascular age related macular degeneration: A systematic review and meta-analysis. <i>European Journal of Ophthalmology</i> , 2021 , 31, 2496-2504	1.9	3
49	Sorsby fundus dystrophy with polypoidal choroidal vasculopathy: Extending TIMP3 phenotypes. <i>Clinical and Experimental Ophthalmology</i> , 2019 , 47, 1214-1218	2.4	3
48	Morning glory with serous macular detachment responds to oral acetazolamide. <i>Eye</i> , 2010 , 24, 1732-3	4.4	3
47	Bevacizumab: a new way of doing business?. <i>Eye</i> , 2006 , 20, 985-7	4.4	3
46	The effect of systemic levels of TNF-alpha and complement pathway activity on outcomes of VEGF inhibition in neovascular AMD. <i>Eye</i> , 2021 ,	4.4	3
45	Extended real-world experience with the ILUVIEN \square (fluocinolone acetonide) implant in the United Kingdom: 3-year results from the Medisoft \square audit study. <i>Eye</i> , 2021 ,	4.4	3
44	Prevalence and phenotype associations of complement factor I mutations in geographic atrophy. <i>Human Mutation</i> , 2021 , 42, 1139-1152	4.7	3
43	Multimodal imaging of late-onset retinal degeneration complicated by bilateral choroidal neovascularization. <i>Eye</i> , 2019 , 33, 1020-1027	4.4	2
42	Eplerenone for chronic central serous chorioretinopathy - Authors'Reply. <i>Lancet, The</i> , 2020 , 396, 1557-1558	4.4	2
41	A novel, wearable, electronic visual aid to assist those with reduced peripheral vision. <i>PLoS ONE</i> , 2019 , 14, e0223755	3.7	2
40	Animal models of age-related macular degeneration. <i>Drug Discovery Today: Disease Models</i> , 2013 , 10, e181-e187	1.3	2
39	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> , 2021 ,	3.9	2
38	Macular thickness varies with age-related macular degeneration genetic risk variants in the UK Biobank cohort. <i>Scientific Reports</i> , 2021 , 11, 23255	4.9	2
37	Cost Effectiveness of Ranibizumab vs Aflibercept vs Bevacizumab for the Treatment of Macular Oedema Due to Central Retinal Vein Occlusion: The LEAVO Study. <i>Pharmacoeconomics</i> , 2021 , 39, 913-924	4.4	2
36	Intravitreal ranibizumab versus aflibercept versus bevacizumab for macular oedema due to central retinal vein occlusion: the LEAVO non-inferiority three-arm RCT. <i>Health Technology Assessment</i> , 2021 , 25, 1-196	4.4	2

35	Aflibercept in clinical practice; visual acuity, injection numbers and adherence to treatment, for diabetic macular oedema in 21 UK hospitals over 3 years. <i>Eye</i> , 2021 ,	4.4	2
34	Evaluation of Pro-re-Nata (PRN) and Treat and Extend Bevacizumab treatment protocols in Sorsby Fundus Dystrophy. <i>European Journal of Ophthalmology</i> , 2020 , 30, 26-33	1.9	2
33	Socioeconomic risk factors and age-related macular degeneration in the UK Biobank study. <i>BMJ Open Ophthalmology</i> , 2021 , 6, e000585	3.2	2
32	Evolving Treatment Patterns and Outcomes of Neovascular Age-Related Macular Degeneration Over a Decade. <i>Ophthalmology Retina</i> , 2021 , 5, e11-e22	3.8	2
31	Requirement for retinal screening in patients taking hydroxychloroquine and chloroquine. <i>British Journal of General Practice</i> , 2018 , 68, 120	1.6	1
30	A Genome-Wide Complement for Central Serous Chorioretinopathy. <i>JAMA Ophthalmology</i> , 2018 , 136, 1136-1137	3.9	1
29	Oxidative Damage and Macular Degeneration 2014 , 3625-3653		1
28	Improving cellular adhesion on scaffolds for transplantation: synthesising a poly(MMA-co-PEGM) network. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 6627-6633	7.3	1
27	Response to Patterns of ranibizumab and aflibercept treatment of central retinal vein occlusion in routine clinical practice in the U.S.A. <i>OEye</i> , 2015 , 29, 1113-4	4.4	1
26	Treatment and long-term follow up of a capillary angioma of the optic disc. <i>International Ophthalmology</i> , 1995 , 19, 129-32	2.2	1
25	Generation of a Cone Photoreceptor-specific GNGT2 Reporter Line in Human Pluripotent Stem Cells.. <i>Stem Cells</i> , 2022 , 40, 190-203	5.8	1
24	An objective method of diagnosing hydroxychloroquine maculopathy. <i>Eye</i> , 2021 , 35, 1922-1929	4.4	1
23	The rare C9 P167S risk variant for age-related macular degeneration increases polymerization of the terminal component of the complement cascade. <i>Human Molecular Genetics</i> , 2021 , 30, 1188-1199	5.6	1
22	Diagnostic Accuracy of Monitoring Tests of Fellow Eyes in Patients with Unilateral Neovascular Age-Related Macular Degeneration: Early Detection of Neovascular Age-Related Macular Degeneration Study. <i>Ophthalmology</i> , 2021 , 128, 1736-1747	7.3	1
21	Tolperisone, a centrally-acting muscle relaxant: a possible cause of macular haemorrhage. <i>Eye</i> , 2020 , 34, 1380-1381	4.4	1
20	Effectiveness and safety of ranibizumab in patients with central retinal vein occlusion: results from the real-world, global, LUMINOUS study. <i>Eye</i> , 2021 ,	4.4	1
19	Eplerenone versus placebo for chronic central serous chorioretinopathy: the VICI RCT. <i>Efficacy and Mechanism Evaluation</i> , 2021 , 8, 1-82	1.7	1
18	Bevacizumab: a new way of doing business?. <i>Eye</i> , 2007 , 21, 891-891	4.4	0

17	New recommendations for retinal monitoring in hydroxychloroquine users: baseline testing is no longer supported. <i>British Journal of Dermatology</i> , 2021 , 185, 435-438	4	○
16	A High Fat "Western-style" Diet Induces AMD-like Features in Wildtype Mice.. <i>Molecular Nutrition and Food Research</i> , 2022 , e2100823	5.9	○
15	Associations of Alcohol Consumption and Smoking With Disease Risk and Neurodegeneration in Individuals With Multiple Sclerosis in the United Kingdom.. <i>JAMA Network Open</i> , 2022 , 5, e220902	10.4	○
14	Evaluating a causal relationship between Complement Factor I protein level and advanced age-related macular degeneration using Mendelian Randomisation. <i>Ophthalmology Science</i> , 2022 , 100146		○
13	Reply to: Comment on: One-year real-world outcomes in patients receiving fixed-dosing aflibercept for neovascular age-related macular degeneration <i>OEye</i> , 2018 , 32, 479-481	4.4	
12	Reply to Comments on Long-term outcomes of phakic patients with diabetic macular oedema treated with intravitreal fluocinolone acetonide (FAc) implants <i>OEye</i> , 2016 , 30, 1023-4	4.4	
11	AMD Risk Alleles Are Not Implicated in Age-Related Macular Degeneration in Patients with Liver Transplantation. <i>Ophthalmology Retina</i> , 2018 , 2, 872-874	3.8	
10	Macular toxicity secondary to occupational exposure to gold melting. <i>Eye</i> , 2019 , 33, 1667-1669	4.4	
9	Genetic variants within chromosome 4q28.3 are not reproducibly associated with age-related macular degeneration (AMD). <i>Acta Ophthalmologica</i> , 2011 , 89, e603-4	3.7	
8	Irish college of ophthalmologists. <i>Irish Journal of Medical Science</i> , 1993 , 162, 531-533	1.9	
7	At What Age Does Age-Related Macular Degeneration Start?. <i>JAMA Ophthalmology</i> , 2021 , 139, 1226-1227	3.9	
6	Molecular Genetics of Sorsby Fundus Dystrophy1-7		
5	Clinical symptoms and signs 2014 , 20-36		
4	Retinal artery occlusion and risk of stroke. <i>Journal of Vascular Surgery</i> , 2020 , 72, 1832-1833	3.5	
3	Reply to: Current perspectives on the use of eplerenone for chronic central serous chorioretinopathy <i>OEye</i> , 2021 , 35, 3448	4.4	
2	Hydroxychloroquine retinopathy: screening and genetics. <i>Eye</i> , 2021 , 35, 1522-1523	4.4	
1	Estimating excess visual loss from neovascular age-related macular degeneration in the UK during the COVID-19 pandemic: a retrospective clinical audit and simulation model.. <i>BMJ Open</i> , 2022 , 12, e057239	3.9	