Tunde Peto

List of Publications by Citations

290 papers	9,527 citations	43 h-index	88 g-index
321 ext. papers	12,165 ext. citations	4.8 avg, IF	5.94 L-index

#	Paper	IF	Citations
290	Global causes of blindness and distance vision impairment 1990-2020: a systematic review and meta-analysis. *The Lancet Global Health*, **2017**, 5, e1221-e1234	13.6	1218
289	Magnitude, temporal trends, and projections of the global prevalence of blindness and distance and near vision impairment: a systematic review and meta-analysis. *The Lancet Global Health*, **2017**, 5, e888-e897	13.6	953
288	The epidemiology of age-related macular degeneration. *American Journal of Ophthalmology*, **2004**, 137, 486-95	4.9	702
287	A prospective randomized trial of intravitreal bevacizumab or laser therapy in the management of diabetic macular edema (BOLT study) 12-month data: report 2. *Ophthalmology*, **2010**, 117, 1078-1086.e2	7.3	379
286	A 2-year prospective randomized controlled trial of intravitreal bevacizumab or laser therapy (BOLT) in the management of diabetic macular edema: 24-month data: report 3. *JAMA Ophthalmology*, **2012**, 130, 972-9		279
285	Macular telangiectasia type 2. *Progress in Retinal and Eye Research*, **2013**, 34, 49-77	20.5	226
284	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. *Lancet, The*, **2017**, 389, 2193-2203	40	182
283	Diabetic retinopathy: pathogenesis, clinical grading, management and future developments. *Diabetic Medicine*, **2013**, 30, 640-50	3.5	146
282	Prevalence and causes of vision loss in high-income countries and in Eastern and Central Europe in 2015: magnitude, temporal trends and projections. *British Journal of Ophthalmology*, **2018**, 102, 575-585	5.5	138
281	The Lancet Global Health Commission on Global Eye Health: vision beyond 2020. *The Lancet Global Health*, **2021**, 9, e489-e551	13.6	131
280	Verteporfin photodynamic therapy cohort study: report 1: effectiveness and factors influencing outcomes. *Ophthalmology*, **2009**, 116, e1-8	7.3	116
279	Baseline characteristics of participants in the natural history study of macular telangiectasia (MacTel) MacTel Project Report No. 2. *Ophthalmic Epidemiology*, **2010**, 17, 66-73	1.9	108
278	High concentration of zinc in sub-retinal pigment epithelial deposits. *Experimental Eye Research*, **2007**, 84, 772-80	3.7	102
277	The prevalence of age-related maculopathy in iceland: Reykjavik eye study. *JAMA Ophthalmology*, **2003**, 121, 379-85		97
276	Screening for diabetic retinopathy: new perspectives and challenges. *Lancet Diabetes and Endocrinology,the*, **2020**, 8, 337-347	18.1	82
275	Clinical Validation of a Smartphone-Based Adapter for Optic Disc Imaging in Kenya. *JAMA Ophthalmology*, **2016**, 134, 151-8	3.9	79
274	"En face" OCT imaging of the IS/OS junction line in type 2 idiopathic macular telangiectasia **2012**, 53, 6145-52		77

273	Complement factor H genetic variant and age-related macular degeneration: effect size, modifiers and relationship to disease subtype. *International Journal of Epidemiology*, **2012**, 41, 250-62	7.8	70
272	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. *Lancet, The*, **2020**, 395, 294-303	40	64
271	Systemic and ocular fluid compounds as potential biomarkers in age-related macular degeneration. *Survey of Ophthalmology*, **2018**, 63, 9-39	6.1	64
270	Prevalence and risk factors of retinal vein occlusion: the Gutenberg Health Study. *Journal of Thrombosis and Haemostasis*, **2015**, 13, 1254-63	15.4	61
269	The ophthalmic branch of the Gutenberg Health Study: study design, cohort profile and self-reported diseases. *PLoS ONE*, **2015**, 10, e0120476	3.7	61
268	Macular perfusion determined by fundus fluorescein angiography at the 4-month time point in a prospective randomized trial of intravitreal bevacizumab or laser therapy in the management of diabetic macular edema (Bolt Study): Report 1. *Retina*, **2010**, 30, 781-6	3.6	60
267	The IS/OS junction layer in the natural history of type 2 idiopathic macular telangiectasia **2012**, 53, 7889-95		59
266	Ciliary neurotrophic factor for macular telangiectasia type 2: results from a phase 1 safety trial. *American Journal of Ophthalmology*, **2015**, 159, 659-666.e1	4.9	58
265	Barriers to and enablers of diabetic retinopathy screening attendance: a systematic review of published and grey literature. *Diabetic Medicine*, **2018**, 35, 1308-1319	3.5	58
264	The National Eye Institute Visual Function Questionnaire in the Macular Telangiectasia (MacTel) Project **2008**, 49, 4340-6		54
263	A randomized trial to assess functional and structural effects of ranibizumab versus laser in diabetic macular edema (the LUCIDATE study). *American Journal of Ophthalmology*, **2014**, 157, 960-70	4.9	53
262	Screening for diabetic retinopathy and diabetic macular edema in the United Kingdom. *Current Diabetes Reports*, **2012**, 12, 338-45	5.6	50
261	Autofluorescence imaging in age-related macular degeneration complicated by choroidal neovascularization: a prospective study. *Ophthalmology*, **2008**, 115, 342-6	7.3	50
260	Localizing Microaneurysms in Fundus Images Through Singular Spectrum Analysis. *IEEE Transactions on Biomedical Engineering*, **2017**, 64, 990-1002	5	49
259	Spectral-Domain Optical Coherence Tomography Imaging in 67 321 Adults: Associations with Macular Thickness in the UK Biobank Study. *Ophthalmology*, **2016**, 123, 829-40	7.3	49
258	Retinal vessel calibers predict long-term microvascular complications in type 1 diabetes: the Danish Cohort of Pediatric Diabetes 1987 (DCPD1987). *Diabetes*, **2014**, 63, 3906-14	0.9	48
257	Retinal vascular fractals predict long-term microvascular complications in type 1 diabetes mellitus: the Danish Cohort of Pediatric Diabetes 1987 (DCPD1987). *Diabetologia*, **2014**, 57, 2215-21	10.3	48
256	Prevalence and associations of diabetic retinopathy in a large cohort of prediabetic subjects: the Gutenberg Health Study. *Journal of Diabetes and Its Complications*, **2014**, 28, 482-7	3.2	47

255	A randomised controlled trial to assess the clinical effectiveness and cost-effectiveness of alternative treatments to Inhibit VEGF in Age-related choroidal Neovascularisation (IVAN). *Health Technology Assessment*, **2015**, 19, 1-298	4.4	47
254	The clinical relevance of visualising the peripheral retina. *Progress in Retinal and Eye Research*, **2019**, 68, 83-109	20.5	47
253	Use of Corneal Confocal Microscopy to Evaluate Small Nerve Fibers in Patients With Human Immunodeficiency Virus. *JAMA Ophthalmology*, **2017**, 135, 795-800	3.9	46
252	Correlation of functional impairment and morphological alterations in patients with group 2A idiopathic juxtafoveal retinal telangiectasia. *JAMA Ophthalmology*, **2008**, 126, 330-5		45
251	5-year incidence of age-related maculopathy in the Reykjavik Eye Study. *Ophthalmology*, **2005**, 112, 132-8	7.3	45
250	Peripheral Retinal Imaging Biomarkers for Alzheimer's Disease: A Pilot Study. *Ophthalmic Research*, **2018**, 59, 182-192	2.9	44
249	Promising Artificial Intelligence-Machine Learning-Deep Learning Algorithms in Ophthalmology. *Asia-Pacific Journal of Ophthalmology*, **2019**, 8, 264-272	3.5	44
248	Prevalence and risk factors for diabetes and diabetic retinopathy: results from the Nigeria national blindness and visual impairment survey. *BMC Public Health*, **2014**, 14, 1299	4.1	43
247	Cone photoreceptor definition on adaptive optics retinal imaging. *British Journal of Ophthalmology*, **2014**, 98, 1073-9	5.5	43
246	Prevalence of age-related macular degeneration in elderly Caucasians: the Tromsø Eye Study. *Ophthalmology*, **2012**, 119, 1737-43	7.3	43
245	Autofluorescence imaging of choroidal neovascularization due to age-related macular degeneration. *JAMA Ophthalmology*, **2005**, 123, 1507-13		42
244	Comparing the Effectiveness of Bevacizumab to Ranibizumab in Patients with Exudative Age-Related Macular Degeneration. The BRAMD Study. *PLoS ONE*, **2016**, 11, e0153052	3.7	42
243	Systemic and Ocular Determinants of Peripapillary Retinal Nerve Fiber Layer Thickness Measurements in the European Eye Epidemiology (E3) Population. *Ophthalmology*, **2018**, 125, 1526-1536	7.3	41
242	Injection frequency and response to bevacizumab monotherapy for diabetic macular oedema (BOLT Report 5). *British Journal of Ophthalmology*, **2013**, 97, 1177-80	5.5	41
241	Systematic review on barriers and enablers for access to diabetic retinopathy screening services in different income settings. *PLoS ONE*, **2019**, 14, e0198979	3.7	40
240	LONGITUDINAL CORRELATION OF ELLIPSOID ZONE LOSS AND FUNCTIONAL LOSS IN MACULAR TELANGIECTASIA TYPE 2. *Retina*, **2018**, 38 Suppl 1, S20-S26	3.6	40
239	Whole genome sequencing for M/XDR tuberculosis surveillance and for resistance testing. *Clinical Microbiology and Infection*, **2017**, 23, 161-166	9.5	40
238	Results of Automated Retinal Image Analysis for Detection of Diabetic Retinopathy from the Nakuru Study, Kenya. *PLoS ONE*, **2015**, 10, e0139148	3.7	40

237	Medical characteristics of patients with macular telangiectasia type 2 (MacTel Type 2) MacTel project report no. 3. *Ophthalmic Epidemiology*, **2013**, 20, 109-13	1.9	39
236	Retinal crystals in type 2 idiopathic macular telangiectasia. *Ophthalmology*, **2011**, 118, 2461-7	7.3	39
235	Structural and functional changes over time in MacTel patients. *Retina*, **2009**, 29, 1314-20	3.6	39
234	Comparison between Early Treatment Diabetic Retinopathy Study 7-field retinal photos and non-mydriatic, mydriatic and mydriatic steered widefield scanning laser ophthalmoscopy for assessment of diabetic retinopathy. *Journal of Diabetes and Its Complications*, **2015**, 29, 99-104	3.2	38
233	Inter- and intra-observer variability in grading lesions of age-related maculopathy and macular degeneration **2003**, 241, 39-47		36
232	Tuberculosis is changing. *Lancet Infectious Diseases, The*, **2017**, 17, 359-361	25.5	35
231	The 16-year incidence, progression and regression of diabetic retinopathy in a young population-based Danish cohort with type 1 diabetes mellitus: The Danish cohort of pediatric diabetes 1987 (DCPD1987). *Acta Diabetologica*, **2014**, 51, 413-20	3.9	34
230	A Population-Based Ultra-Widefield Digital Image Grading Study for Age-Related Macular Degeneration-Like Lesions at the Peripheral Retina. *Ophthalmology*, **2015**, 122, 1340-7	7.3	32
229	CORRELATION OF CLINICAL AND STRUCTURAL PROGRESSION WITH VISUAL ACUITY LOSS IN MACULAR TELANGIECTASIA TYPE 2: MacTel Project Report No. 6-The MacTel Research Group. *Retina*, **2018**, 38 Suppl 1, S8-S13	3.6	32
228	Cohort profile: design and methods in the eye and vision consortium of UK Biobank. *BMJ Open*, **2019**, 9, e025077	3	31
227	Wide-field imaging and OCT vs clinical evaluation of patients referred from diabetic retinopathy screening. *Eye*, **2015**, 29, 416-23	4.4	31
226	Prevalence of diabetic retinopathy in screening-detected diabetes mellitus: results from the Gutenberg Health Study (GHS). *Diabetologia*, **2016**, 59, 1913-9	10.3	30
225	Central Retinal Enrichment Supplementation Trials (CREST): design and methodology of the CREST randomized controlled trials. *Ophthalmic Epidemiology*, **2014**, 21, 111-23	1.9	30
224	Crowdsourcing as a novel technique for retinal fundus photography classification: analysis of images in the EPIC Norfolk cohort on behalf of the UK Biobank Eye and Vision Consortium. *PLoS ONE*, **2013**, 8, e71154	3.7	30
223	What is lost by digitizing stereoscopic fundus color slides for macular grading in age-related maculopathy and degeneration?. *Ophthalmology*, **2004**, 111, 125-32	7.3	30
222	Multimodal imaging in type 2 idiopathic macular telangiectasia. *Retina*, **2015**, 35, 742-9	3.6	29
221	Prevalence of age-related macular degeneration in the Republic of Ireland. *British Journal of Ophthalmology*, **2015**, 99, 1037-44	5.5	29
220	New vessels detected on wide-field imaging compared to two-field and seven-field imaging: implications for diabetic retinopathy screening image analysis. *British Journal of Ophthalmology*, **2015**, 99, 1606-9	5.5	29

219	Cardiovascular risk factors associated with age-related macular degeneration: the Troms Study. *Acta Ophthalmologica*, **2014**, 92, 662-9	3.7	29
218	Identification of a potential susceptibility locus for macular telangiectasia type 2. *PLoS ONE*, **2012**, 7, e24268	3.7	29
217	Interventions to increase attendance for diabetic retinopathy screening. *The Cochrane Library*, **2018** , 1, CD012054	5.2	28
216	Tear fluid proteomics multimarkers for diabetic retinopathy screening. *BMC Ophthalmology*, **2013**, 13, 40	2.3	28
215	Combined Methods for Diabetic Retinopathy Screening, Using Retina Photographs and Tear Fluid Proteomics Biomarkers. *Journal of Diabetes Research*, **2015**, 2015, 623619	3.9	28
214	A smartphone based ophthalmoscope. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2014**, 2014, 2177-80	0.9	28
213	Agreement between image grading of conventional (45) and ultra wide-angle (200) digital images in the macula in the Reykjavik eye study. *Eye*, **2010**, 24, 1568-75	4.4	28
212	The Effect of Multispot Laser Panretinal Photocoagulation on Retinal Sensitivity and Driving Eligibility in Patients With Diabetic Retinopathy. *JAMA Ophthalmology*, **2016**, 134, 666-72	3.9	28
211	Intralesional Macular Atrophy in Anti-Vascular Endothelial Growth Factor Therapy for Age-Related Macular Degeneration in the IVAN Trial. *Ophthalmology*, **2019**, 126, 75-86	7.3	28
210	A longitudinal study to assess the frequency and cost of antivascular endothelial therapy, and inequalities in access, in England between 2005 and 2015. *BMJ Open*, **2017**, 7, e018289	3	27
209	Troms eye study: prevalence and risk factors of diabetic retinopathy. *Acta Ophthalmologica*, **2013**, 91, 716-21	3.7	27
208	The prevalence of age-related maculopathy (ARM) in an urban Norwegian population: the Oslo Macular study. *Acta Ophthalmologica*, **2006**, 84, 636-41		27
207	Zinc Nutrition and Inflammation in the Aging Retina. *Molecular Nutrition and Food Research*, **2019**, 63, e1801049	5.9	26
206	QUANTITATIVE ANALYSIS OF HYPERAUTOFLUORESCENT RINGS TO CHARACTERIZE THE NATURAL HISTORY AND PROGRESSION IN RPGR-ASSOCIATED RETINOPATHY. *Retina*, **2018**, 38, 2401-2414	3.6	26
205	Prevalence and Cardiovascular Associations of Diabetic Retinopathy and Maculopathy: Results from the Gutenberg Health Study. *PLoS ONE*, **2015**, 10, e0127188	3.7	25
204	What works to increase attendance for diabetic retinopathy screening? An evidence synthesis and economic analysis. *Health Technology Assessment*, **2018**, 22, 1-160	4.4	25
203	The Impact of Supplemental Antioxidants on Visual Function in Nonadvanced Age-Related Macular Degeneration: A Head-to-Head Randomized Clinical Trial **2017**, 58, 5347-5360		24
202	Associations of Variation in Retinal Thickness With Visual Acuity and Anatomic Outcomes in Eyes With Neovascular Age-Related Macular Degeneration Lesions Treated With Anti-Vascular Endothelial Growth Factor Agents. *JAMA Ophthalmology*, **2020**, 138, 1043-1051	3.9	24

201	Increased mortality in a Danish cohort of young people with Type 1 diabetes mellitus followed for 24 years. *Diabetic Medicine*, **2017**, 34, 380-386	3.5	23
200	Physical activity and myopia in Danish children-The CHAMPS Eye Study. *Acta Ophthalmologica*, **2018**, 96, 134-141	3.7	23
199	Retinal thickness as potential biomarker in posterior cortical atrophy and typical Alzheimer's disease. *Alzheimer's Research and Therapy*, **2019**, 11, 62	9	23
198	Crowdsourcing as a screening tool to detect clinical features of glaucomatous optic neuropathy from digital photography. *PLoS ONE*, **2015**, 10, e0117401	3.7	23
197	Cross Sectional and Longitudinal Associations between Cardiovascular Risk Factors and Age Related Macular Degeneration in the EPIC-Norfolk Eye Study. *PLoS ONE*, **2015**, 10, e0132565	3.7	23
196	The incidence of diabetes mellitus and diabetic retinopathy in a population-based cohort study of people age 50 years and over in Nakuru, Kenya. *BMC Endocrine Disorders*, **2017**, 17, 19	3.3	22
195	The Nakuru eye disease cohort study: methodology & rationale. *BMC Ophthalmology*, **2014**, 14, 60	2.3	22
194	Prevalence and correlates of diabetic retinopathy in a population-based survey of older people in Nakuru, Kenya. *Ophthalmic Epidemiology*, **2014**, 21, 169-77	1.9	22
193	Impairment of visual evoked potentials: an early central manifestation of diabetic neuropathy?. *Diabetes Care*, **2002**, 25, 1661-2	14.6	22
192	Epidemiologic characteristics of retinal detachment surgery at a specialized unit in Denmark. *Acta Ophthalmologica*, **2016**, 94, 548-55	3.7	22
191	Ophthalmic epidemiology in Europe: the "European Eye Epidemiology" (E3) consortium. *European Journal of Epidemiology*, **2016**, 31, 197-210	12.1	21
190	Automatic detection of the optic disc using majority voting in a collection of optic disc detectors **2010**,		21
189	The morphology of the optic nerve head in the Singaporean Chinese population (the Tanjong Pagar study): part 1--Optic nerve head morphology. *British Journal of Ophthalmology*, **2008**, 92, 303-9	5.5	21
188	Macular thickness in healthy eyes of adults (N = 4508) and relation to sex, age and refraction: the Tromsø Eye Study (2007-2008). *Acta Ophthalmologica*, **2017**, 95, 262-269	3.7	20
187	The prevalence of type 2 idiopathic macular telangiectasia in two African populations. *Ophthalmic Epidemiology*, **2012**, 19, 185-9	1.9	20
186	Comparison of Associations with Different Macular Inner Retinal Thickness Parameters in a Large Cohort: The UK Biobank. *Ophthalmology*, **2020**, 127, 62-71	7.3	20
185	The Accuracy and Reliability of Crowdsource Annotations of Digital Retinal Images. *Translational Vision Science and Technology*, **2016**, 5, 6	3.3	20
184	Relationship between macular pigment and visual function in subjects with early age-related macular degeneration. *British Journal of Ophthalmology*, **2017**, 101, 190-197	5.5	19

183	Barriers and enablers to diabetic retinopathy screening attendance: Protocol for a systematic review. *Systematic Reviews*, **2016**, 5, 134	3	19
182	The Troms Eye Study: study design, methodology and results on visual acuity and refractive errors. *Acta Ophthalmologica*, **2013**, 91, 635-42	3.7	19
181	Optical Coherence Tomography in the UK Biobank Study - Rapid Automated Analysis of Retinal Thickness for Large Population-Based Studies. *PLoS ONE*, **2016**, 11, e0164095	3.7	19
180	Development of a Genotype Assay for Age-Related Macular Degeneration: The EYE-RISK Consortium. *Ophthalmology*, **2021**, 128, 1604-1617	7.3	19
179	Correlation between Retinal Vessel Calibre and Neurodegeneration in Patients with Type 2 Diabetes Mellitus in the European Consortium for the Early Treatment of Diabetic Retinopathy (EUROCONDOR). *Ophthalmic Research*, **2016**, 56, 10-6	2.9	19
178	Systematic review and meta-analysis of diagnostic accuracy of detection of any level of diabetic retinopathy using digital retinal imaging. *Systematic Reviews*, **2018**, 7, 182	3	19
177	Prevalence and risk factors for diabetic retinopathy in 17 152 patients from the island of Funen, Denmark. *Acta Ophthalmologica*, **2017**, 95, 778-786	3.7	18
176	Different lasers and techniques for proliferative diabetic retinopathy. *The Cochrane Library*, **2018**, 3, CD012314	5.1	18
175	ABNORMAL RETINAL REFLECTIVITY TO SHORT-WAVELENGTH LIGHT IN TYPE 2 IDIOPATHIC MACULAR TELANGIECTASIA. *Retina*, **2018**, 38 Suppl 1, S79-S88	3.6	18
174	Effects of fenofibric acid on diabetic macular edema: the MacuFen study. *Ophthalmic Epidemiology*, **2014**, 21, 307-17	1.9	18
173	The symmetry of phenotype between eyes of patients with early and late bilateral age-related macular degeneration (AMD). *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2011**, 249, 209-14	3.8	18
172	Functional aspects of drusen regression in age-related macular degeneration. *British Journal of Ophthalmology*, **2009**, 93, 1345-50	5.5	18
171	Prevalence of age-related maculopathy and age-related macular degeneration among the inuit in Greenland. The Greenland Inuit Eye Study. *Ophthalmology*, **2008**, 115, 700-707.e1	7.3	18
170	Retinal arterioles narrow with increasing duration of anti-retroviral therapy in HIV infection: a novel estimator of vascular risk in HIV?. *PLoS ONE*, **2012**, 7, e51405	3.7	18
169	Multi-site and nasal swabbing for carriage of Staphylococcus aureus: what does a single nose swab predict?. *Journal of Hospital Infection*, **2017**, 96, 232-237	6.9	17
168	Intravitreal Aflibercept for Treatment-Resistant Neovascular Age-Related Macular Degeneration: 12-Month Safety and Efficacy Outcomes. *Ophthalmic Research*, **2015**, 55, 84-90	2.9	17
167	Analysis of candidate genes for macular telangiectasia type 2. *Molecular Vision*, **2010**, 16, 2718-26	2.3	17
166	CORRELATION OF STRUCTURAL AND FUNCTIONAL OUTCOME MEASURES IN A PHASE ONE TRIAL OF CILIARY NEUROTROPHIC FACTOR IN TYPE 2 IDIOPATHIC MACULAR TELANGIECTASIA. *Retina*, **2018**, 38 Suppl 1, S27-S32	3.6	16

165	The prevalence of age-related macular degeneration in Italy (PAMDI) study: report 1. *Ophthalmic Epidemiology*, **2011**, 18, 129-36	1.9	16
164	CHARACTERISTICS OF PIGMENTED LESIONS IN TYPE 2 IDIOPATHIC MACULAR TELANGIECTASIA. *Retina*, **2018**, 38 Suppl 1, S43-S50	3.6	16
163	Determination of Zn, Cu and Fe in human patients' serum using micro-sampling ICP-MS and sample dilution. *Talanta*, **2019**, 204, 663-669	6.2	15
162	Progression characteristics of ellipsoid zone loss in macular telangiectasia type 2. *Acta Ophthalmologica*, **2019**, 97, e998-e1005	3.7	15
161	Nigeria normative data for defining glaucoma in prevalence surveys. *Ophthalmic Epidemiology*, **2015**, 22, 98-108	1.9	15
160	Ambient Air Pollution Associations with Retinal Morphology in the UK Biobank **2020**, 61, 32		15
159	Assessment of candidate ocular biomarkers of ageing in a South African adult population: relationship with chronological age and systemic biomarkers. *Mechanisms of Ageing and Development*, **2013**, 134, 338-45	5.6	15
158	Prevalence of age-related macular degeneration in Nakuru, Kenya: a cross-sectional population-based study. *PLoS Medicine*, **2013**, 10, e1001393	11.6	15
157	A study of three cases of familial related agenesis of the corpus callosum. *Journal of Clinical and Experimental Neuropsychology*, **2000**, 22, 731-42	2.1	15
156	Retinal Vascular Fractals Correlate With Early Neurodegeneration in Patients With Type 2 Diabetes Mellitus **2015**, 56, 7438-43		14
155	How do we evaluate the role of focal/grid photocoagulation in the treatment of diabetic macular edema?. *Acta Ophthalmologica*, **2019**, 97, 339-346	3.7	14
154	The European Eye Epidemiology spectral-domain optical coherence tomography classification of macular diseases for epidemiological studies. *Acta Ophthalmologica*, **2019**, 97, 364-371	3.7	14
153	Association of ambient air pollution with age-related macular degeneration and retinal thickness in UK Biobank. *British Journal of Ophthalmology*, **2021**,	5.5	14
152	Preoperative Posturing of Patients with Macula-On Retinal Detachment Reduces Progression Toward the Fovea. *Ophthalmology*, **2017**, 124, 1510-1522	7.3	13
151	Retinal vascular geometry and its association to microvascular complications in patients with type 1 diabetes: the Danish Cohort of Pediatric Diabetes 1987 (DCPD1987). *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2017**, 255, 293-299	3.8	13
150	Sex differences in risk factors for retinopathy in non-diabetic men and women: the Troms Eye Study. *Acta Ophthalmologica*, **2014**, 92, 316-22	3.7	13
149	Cognitive function, drusen, and age-related macular degeneration: a cross-sectional study. *Eye*, **2013**, 27, 1281-7	4.4	13
148	Structural and functional measures of efficacy in response to bevacizumab monotherapy in diabetic macular oedema: exploratory analyses of the BOLT study (report 4). *PLoS ONE*, **2013**, 8, e72755	3.7	13

147	A prospective randomised controlled clinical trial comparing a combination of repeated intravitreal Ozurdex and macular laser therapy versus macular laser only in centre-involving diabetic macular oedema (OZLASE study). *British Journal of Ophthalmology*, **2016**, 100, 802-7	5.5	12
146	Genotype- and Phenotype-Based Subgroups in Geographic Atrophy Secondary to Age-Related Macular Degeneration: The EYE-RISK Consortium. *Ophthalmology Retina*, **2020**, 4, 1129-1137	3.8	12
145	Phenotype Characteristics of Patients With Age-Related Macular Degeneration Carrying a Rare Variant in the Complement Factor H Gene. *JAMA Ophthalmology*, **2017**, 135, 1037-1044	3.9	12
144	Automated analysis of retinal imaging using machine learning techniques for computer vision. *F1000Research*, **2017**, 5, 1573	3.6	12
143	Concordance of Macular Pigment Measurement Using Customized Heterochromatic Flicker Photometry and Fundus Autofluorescence in Age-Related Macular Degeneration **2015**, 56, 8207-14		12
142	Comparison of image-assisted versus traditional fundus examination. *Eye and Brain*, **2013**, 5, 1-8	5.7	12
141	Verteporfin photodynamic therapy for neovascular age-related macular degeneration: cohort study for the UK. *Health Technology Assessment*, **2012**, 16, i-xii, 1-200	4.4	12
140	Ranibizumab pretreatment in diabetic vitrectomy: a pilot randomised controlled trial (the RaDiVit study). *Eye*, **2017**, 31, 1253-1258	4.4	11
139	Microaneurysm count as a predictor of long-term progression in diabetic retinopathy in young patients with type 1 diabetes: the Danish Cohort of Pediatric Diabetes 1987 (DCPD1987). *Graefe's Archive for Clinical and Experimental Ophthalmology*, **2015**, 253, 199-205	3.8	11
138	Integrating Metabolomics, Genomics, and Disease Pathways in Age-Related Macular Degeneration: The EYE-RISK Consortium. *Ophthalmology*, **2020**, 127, 1693-1709	7.3	11
137	Glaucoma in the Northern Ireland Cohort for the Longitudinal Study of Ageing (NICOLA): cohort profile, prevalence, awareness and associations. *British Journal of Ophthalmology*, **2020**, 104, 1492-1499	5.5	11
136	Glaucoma Features in an East African Population: A 6-Year Cohort Study of Older Adults in Nakuru, Kenya. *Journal of Glaucoma*, **2018**, 27, 455-463	2.1	11
135	The Utility of Corneal Nerve Fractal Dimension Analysis in Peripheral Neuropathies of Different Etiology. *Translational Vision Science and Technology*, **2020**, 9, 43	3.3	11
134	Management of choroidal naevomelanocytic lesions: feasibility and safety of a virtual clinic model. *British Journal of Ophthalmology*, **2016**, 100, 665-70	5.5	11
133	Temporal changes in retinal vascular parameters associated with successful panretinal photocoagulation in proliferative diabetic retinopathy: A prospective clinical interventional study. *Acta Ophthalmologica*, **2018**, 96, 405-410	3.7	11
132	Six-Year Incidence and Progression of Age-Related Macular Degeneration in Kenya: Nakuru Eye Disease Cohort Study. *JAMA Ophthalmology*, **2017**, 135, 631-638	3.9	10
131	Topical Treatment With Brimonidine and Somatostatin Causes Retinal Vascular Dilation in Patients With Early Diabetic Retinopathy From the EUROCONDOR **2019**, 60, 2257-2262		10
130	Genetic risk score has added value over initial clinical grading stage in predicting disease progression in age-related macular degeneration. *Scientific Reports*, **2019**, 9, 6611	4.9	10

129	SCOTOMA CHARACTERISTICS IN MACULAR TELANGIECTASIA TYPE 2: MacTel Project Report No. 7-The MacTel Research Group. *Retina*, **2018**, 38 Suppl 1, S14-S19	3.6	10
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