

Peng Tee Khaw

List of Publications by Year in Descending Order

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

315
papers

15,366
citations

66
h-index

111
g-index

349
ext. papers

18,135
ext. citations

6.1
avg, IF

6.36
L-index

#	Paper	IF	Citations
315	Grand Challenges in global eye health: a global prioritisation process using Delphi method.. <i>The Lancet Healthy Longevity</i> , 2022 , 3, e31-e41	9.5	3
314	The economics of vision impairment and its leading causes: A systematic review.. <i>EClinicalMedicine</i> , 2022 , 46, 101354	11.3	2
313	Glaucoma Filtration Surgery: Indications, Techniques, and Complications 2022 , 2401-2438		
312	Visual impairment, severe visual impairment, and blindness in children in Britain (BCVIS2): a national observational study. <i>The Lancet Child and Adolescent Health</i> , 2021 , 5, 190-200	14.5	5
311	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. <i>PLoS Genetics</i> , 2021 , 17, e1009497	6	5
310	Alcohol Consumption and Incident Cataract Surgery in Two Large UK Cohorts. <i>Ophthalmology</i> , 2021 , 128, 837-847	7.3	4
309	Evaluation of Shared Genetic Susceptibility to High and Low Myopia and Hyperopia. <i>JAMA Ophthalmology</i> , 2021 , 139, 601-609	3.9	4
308	Visual function rather than visual acuity - Authors' reply. <i>The Lancet Global Health</i> , 2021 , 9, e914	13.6	
307	Retinal asymmetry in multiple sclerosis. <i>Brain</i> , 2021 , 144, 224-235	11.2	4
306	The Lancet Global Health Commission on Global Eye Health: vision beyond 2020. <i>The Lancet Global Health</i> , 2021 , 9, e489-e551	13.6	131
305	Dual-acting therapeutic proteins for intraocular use. <i>Drug Discovery Today</i> , 2021 , 26, 44-55	8.8	1
304	Strain Specific Responses in a Microbead Rat Model of Experimental Glaucoma. <i>Current Eye Research</i> , 2021 , 46, 387-397	2.9	1
303	Ocular Rigidity and Surgery 2021 , 335-359		0
302	Relationships between retinal layer thickness and brain volumes in the UK Biobank cohort. <i>European Journal of Neurology</i> , 2021 , 28, 1490-1498	6	5
301	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
300	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
299	The Association of Ambient Air Pollution With Cataract Surgery in UK Biobank Participants: Prospective Cohort Study 2021 , 62, 7		1

298	Predicting conversion to wet age-related macular degeneration using deep learning. <i>Nature Medicine</i> , 2020 , 26, 892-899	50.5	69
297	Ambient Air Pollution Associations with Retinal Morphology in the UK Biobank 2020 , 61, 32		15
296	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	36.3	68
295	International Study of Childhood Glaucoma. <i>Ophthalmology Glaucoma</i> , 2020 , 3, 145-157	2.2	4
294	The control of conjunctival fibrosis as a paradigm for the prevention of ocular fibrosis-related blindness. "Fibrosis has many friends". <i>Eye</i> , 2020 , 34, 2163-2174	4.4	2
293	Galectins and their involvement in ocular disease and development. <i>Experimental Eye Research</i> , 2020 , 197, 108120	3.7	0
292	Gene Therapy for Glaucoma by Ciliary Body Aquaporin 1 Disruption Using CRISPR-Cas9. <i>Molecular Therapy</i> , 2020 , 28, 820-829	11.7	27
291	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
290	Mutations in SPATA13/ASEF2 cause primary angle closure glaucoma. <i>PLoS Genetics</i> , 2020 , 16, e1008721	6	7
289	Visual field progression 8 years after trabeculectomy in Asian eyes: results from The Singapore 5-Fluorouracil Study. <i>British Journal of Ophthalmology</i> , 2020 , 104, 1690-1696	5.5	
288	Clear lens extraction in eyes with primary angle closure and primary angle-closure glaucoma. <i>Survey of Ophthalmology</i> , 2020 , 65, 662-674	6.1	6
287	Glaucoma Filtration Surgery: Indications, Techniques, and Complications 2020 , 1-38		
286	Preclinical challenges for developing long acting intravitreal medicines. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020 , 153, 130-149	5.7	9
285	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
284	Translating Minimally Invasive Glaucoma Surgery Devices. <i>Clinical and Translational Science</i> , 2020 , 13, 14-25	4.9	10
283	Author Response: Ab Interno versus Ab Externo Surgical Approach on Outflow Resistance of a Subconjunctival Drainage Device. <i>Translational Vision Science and Technology</i> , 2020 , 9, 15	3.3	1
282	Injectables and Depots to Prolong Drug Action of Proteins and Peptides. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
281	Estimating the global cost of vision impairment and its major causes: protocol for a systematic review. <i>BMJ Open</i> , 2020 , 10, e036689	3	3

280	Genome-wide association analysis of 95 549 individuals identifies novel loci and genes influencing optic disc morphology. <i>Human Molecular Genetics</i> , 2019 , 28, 3680-3690	5.6	11
279	Hydrodynamics of Intravitreal Injections into Liquid Vitreous Substitutes. <i>Pharmaceutics</i> , 2019 , 11,	6.4	7
278	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
277	Phenotypic and Functional Characterization of Müller Glia Isolated from Induced Pluripotent Stem Cell-Derived Retinal Organoids: Improvement of Retinal Ganglion Cell Function upon Transplantation. <i>Stem Cells Translational Medicine</i> , 2019 , 8, 775-784	6.9	23
276	Cohort profile: design and methods in the eye and vision consortium of UK Biobank. <i>BMJ Open</i> , 2019 , 9, e025077	3	31
275	Transplantation of cultured olfactory mucosal cells rescues optic nerve axons in a rat glaucoma model. <i>Brain Research</i> , 2019 , 1714, 45-51	3.7	1
274	In situ antibody-loaded hydrogel for intravitreal delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 137, 104993	5.1	10
273	The Implications of an Ab Interno Versus Ab Externo Surgical Approach on Outflow Resistance of a Subconjunctival Drainage Device for Intraocular Pressure Control. <i>Translational Vision Science and Technology</i> , 2019 , 8, 58	3.3	15
272	The interplay between inflammation, immunity and commensal microflora in glaucomatous neurodegeneration. <i>Annals of Eye Science</i> , 2019 , 4, 10-10	0.9	2
271	Optical Coherence Tomography Findings After Childhood Lensectomy 2019 , 60, 4388-4396		0
270	Novel approaches to model effects of subconjunctival blebs on flow pressure to improve clinical grading systems after glaucoma drainage surgery. <i>PLoS ONE</i> , 2019 , 14, e0221715	3.7	1
269	The Oculome Panel Test: Next-Generation Sequencing to Diagnose a Diverse Range of Genetic Developmental Eye Disorders. <i>Ophthalmology</i> , 2019 , 126, 888-907	7.3	42
268	The Relationship Between Ambient Atmospheric Fine Particulate Matter (PM2.5) and Glaucoma in a Large Community Cohort 2019 , 60, 4915-4923		27
267	A Case Report of Complete Blockage of a Baerveldt Glaucoma Implant Following Insertion of a 3-0 Supramid Suture. <i>Journal of Glaucoma</i> , 2019 , 28, e75-e76	2.1	1
266	Childhood Lensectomy Is Associated with Static and Dynamic Reduction in Schlemm Canal Size: A Biomechanical Hypothesis of Glaucoma after Lensectomy. <i>Ophthalmology</i> , 2019 , 126, 233-241	7.3	12
265	Comparison of Quality and Output of Different Optimal Perimetric Testing Approaches in Children With Glaucoma. <i>JAMA Ophthalmology</i> , 2018 , 136, 155-161	3.9	3
264	Antibody loaded collapsible hyaluronic acid hydrogels for intraocular delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018 , 124, 95-103	5.7	36
263	Primary congenital glaucoma including next-generation sequencing-based approaches: clinical utility gene card. <i>European Journal of Human Genetics</i> , 2018 , 26, 1713-1718	5.3	7

262	Clinically applicable deep learning for diagnosis and referral in retinal disease. <i>Nature Medicine</i> , 2018 , 24, 1342-1350	50.5	938
261	Comparative Study of In Situ Loaded Antibody and PEG-Fab NIPAAM Gels. <i>Macromolecular Bioscience</i> , 2018 , 18, 1700255	5.5	11
260	Development of Targeted siRNA Nanocomplexes to Prevent Fibrosis in Experimental Glaucoma Filtration Surgery. <i>Molecular Therapy</i> , 2018 , 26, 2812-2822	11.7	25
259	Compression of pressurised elastic pockets. <i>International Journal of Non-Linear Mechanics</i> , 2018 , 107, 10-15	2.8	0
258	Comparative thermodynamic analysis in solution of a next generation antibody mimetic to VEGF.. <i>RSC Advances</i> , 2018 , 8, 35787-35793	3.7	4
257	A Novel Method of Extending Glaucoma Drainage Tube: "Tube-in-Tube" Technique. <i>Journal of Glaucoma</i> , 2018 , 27, e102-e104	2.1	1
256	In vitro and in vivo delivery of a sustained release nanocarrier-based formulation of an MRTF/SRF inhibitor in conjunctival fibrosis. <i>Journal of Nanobiotechnology</i> , 2018 , 16, 97	9.4	11
255	Pediatric Trabeculectomy 2018 , 79-98		
254	Dynamic Changes in Schlemm Canal and Iridocorneal Angle Morphology During Accommodation in Children With Healthy Eyes: A Cross-Sectional Cohort Study 2018 , 59, 3497-3502		12
253	Comparative proteomic analysis of normal and gliotic PVR retina and contribution of Müller glia to this profile. <i>Experimental Eye Research</i> , 2018 , 177, 197-207	3.7	7
252	Functional vision and quality of life in children with microphthalmia/anophthalmia/coloboma-a cross-sectional study. <i>Journal of AAPOS</i> , 2018 , 22, 281-285.e1	1.3	5
251	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. <i>Nature Genetics</i> , 2018 , 50, 778-782	36.3	122
250	LC-MS analysis to determine the biodistribution of a polymer coated ilomastat ocular implant. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 157, 100-106	3.5	1
249	Association of Retinal Nerve Fiber Layer Thinning With Current and Future Cognitive Decline: A Study Using Optical Coherence Tomography. <i>JAMA Neurology</i> , 2018 , 75, 1198-1205	17.2	79
248	Quality of life and functional vision in children treated for cataract-a cross-sectional study. <i>Eye</i> , 2017 , 31, 856-864	4.4	12
247	Sustained release ophthalmic dexamethasone: In vitro in vivo correlations derived from the PK-Eye. <i>International Journal of Pharmaceutics</i> , 2017 , 522, 119-127	6.5	19
246	Local delivery of novel MRTF/SRF inhibitors prevents scar tissue formation in a preclinical model of fibrosis. <i>Scientific Reports</i> , 2017 , 7, 518	4.9	41
245	Pursing of planar elastic pockets. <i>Journal of Fluids and Structures</i> , 2017 , 70, 261-275	3.1	8

244	Quality of Life and Functional Vision in Children with Glaucoma. <i>Ophthalmology</i> , 2017 , 124, 1048-1055	7.3	33
243	Comparison of proteomic profiles in the zebrafish retina during experimental degeneration and regeneration. <i>Scientific Reports</i> , 2017 , 7, 44601	4.9	16
242	Enhanced Trabeculectomy: The Moorfields Safer Surgery System. <i>Developments in Ophthalmology</i> , 2017 , 59, 15-35		35
241	Genotype-Phenotype Associations of IL6 and PRG4 With Conjunctival Fibrosis After Glaucoma Surgery. <i>JAMA Ophthalmology</i> , 2017 , 135, 1147-1155	3.9	11
240	Electrospun formulations of bevacizumab for sustained release in the eye. <i>Acta Biomaterialia</i> , 2017 , 64, 126-136	10.8	40
239	An Ilomastat-CD Eye Drop Formulation to Treat Ocular Scarring 2017 , 58, 3425-3431		7
238	Principles of pharmacology in the eye. <i>British Journal of Pharmacology</i> , 2017 , 174, 4205-4223	8.6	79
237	Genome-wide RNA-Sequencing analysis identifies a distinct fibrosis gene signature in the conjunctiva after glaucoma surgery. <i>Scientific Reports</i> , 2017 , 7, 5644	4.9	11
236	A Novel Method of Extending Glaucoma Drainage Tube: "Tube-in-Tube" Technique. <i>Journal of Glaucoma</i> , 2017 , 26, 93-95	2.1	4
235	Receptor-targeted liposome-peptide-siRNA nanoparticles represent an efficient delivery system for MRTF silencing in conjunctival fibrosis. <i>Scientific Reports</i> , 2016 , 6, 21881	4.9	35
234	An anti-TNF- α antibody mimetic to treat ocular inflammation. <i>Scientific Reports</i> , 2016 , 6, 36905	4.9	17
233	Personalized Medicine in Ocular Fibrosis: Myth or Future Biomarkers. <i>Advances in Wound Care</i> , 2016 , 5, 390-402	4.8	5
232	Evaluation of Dimensional and Flow Properties of ExPress Glaucoma Drainage Devices. <i>Journal of Glaucoma</i> , 2016 , 25, e39-45	2.1	6
231	Allogeneic Transplantation of Müller-Derived Retinal Ganglion Cells Improves Retinal Function in a Feline Model of Ganglion Cell Depletion. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 192-205	6.9	40
230	Electrospun formulations of acyclovir, ciprofloxacin and cyanocobalamin for ocular drug delivery. <i>International Journal of Pharmaceutics</i> , 2016 , 502, 208-18	6.5	27
229	Associations with Intraocular Pressure in a Large Cohort: Results from the UK Biobank. <i>Ophthalmology</i> , 2016 , 123, 771-82	7.3	63
228	Procedural Treatments: Trabeculectomy 2016 , 319-329		
227	Challenging Glaucomas: Update on Diagnosis and Management. <i>Journal of Ophthalmology</i> , 2016 , 2016, 6935086	2	5

226	Genetic Analysis of 'PAX6-Negative' Individuals with Aniridia or Gillespie Syndrome. <i>PLoS ONE</i> , 2016 , 11, e0153757	3.7	34
225	The Influence of Scleral Flap Thickness, Shape, and Sutures on Intraocular Pressure (IOP) and Aqueous Humor Flow Direction in a Trabeculectomy Model. <i>Journal of Glaucoma</i> , 2016 , 25, e704-12	2.1	9
224	Müller glia as an important source of cytokines and inflammatory factors present in the gliotic retina during proliferative vitreoretinopathy. <i>Glia</i> , 2016 , 64, 495-506	9	63
223	Geographical variation in glaucoma prescribing trends in England 2008-2012: an observational ecological study. <i>BMJ Open</i> , 2016 , 6, e010429	3	6
222	O3-12-03: Retinal Nerve Fiber Layer Thinning Associated with Poor Cognitive Function among a Large Cohort, the UK Biobank 2016 , 12, P317-P318		2
221	Targeting the MRTF/SRF gene transcription pathway in conjunctival fibrosis in glaucoma. <i>Lancet, The</i> , 2016 , 387, S111	40	3
220	Fc-fusion mimetics. <i>Biomaterials Science</i> , 2016 , 4, 943-7	7.4	7
219	Goniotomy and Trabeculectomy 2015 , 1129-1136		
218	Future Strategies 2015 , 932-938		
217	Pathogenesis of progressive scarring trachoma in Ethiopia and Tanzania and its implications for disease control: two cohort studies. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003763	4.8	42
216	Storage stability of bevacizumab in polycarbonate and polypropylene syringes. <i>Eye</i> , 2015 , 29, 820-7	4.4	29
215	Epilation for minor trichomatous trichiasis: four-year results of a randomised controlled trial. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003558	4.8	13
214	An energy theory of glaucoma. <i>Glia</i> , 2015 , 63, 1537-52	9	24
213	Measures of socioeconomic status and self-reported glaucoma in the U.K. Biobank cohort. <i>Eye</i> , 2015 , 29, 1360-7	4.4	23
212	Solid-state protein formulations. <i>Therapeutic Delivery</i> , 2015 , 6, 59-82	3.8	25
211	Long-Term Outcomes of Trabeculectomy Augmented with Mitomycin C Undertaken within the First 2 Years of Life. <i>Ophthalmology</i> , 2015 , 122, 2216-22	7.3	38
210	Developing novel anti-fibrotic therapeutics to modulate post-surgical wound healing in glaucoma: big potential for small molecules. <i>Expert Review of Ophthalmology</i> , 2015 , 10, 65-76	1.5	20
209	Primary congenital glaucoma. <i>Progress in Brain Research</i> , 2015 , 221, 177-89	2.9	31

208	Dimensional and Flow Properties of the EX-PRESS Glaucoma Drainage Device 2015 , 56, 8026		
207	The PK-Eye: A Novel In Vitro Ocular Flow Model for Use in Preclinical Drug Development. <i>Journal of Pharmaceutical Sciences</i> , 2015 , 104, 3330-42	3.9	41
206	Transplantation of photoreceptors derived from human Muller glia restore rod function in the P23H rat. <i>Stem Cells Translational Medicine</i> , 2014 , 3, 323-33	6.9	68
205	The role of the MRTF-A/SRF pathway in ocular fibrosis 2014 , 55, 4560-7		22
204	Childhood glaucoma surgery in the 21st century. <i>Eye</i> , 2014 , 28, 931-43	4.4	54
203	ReGAE 9: baseline factors for success following augmented trabeculectomy with mitomycin C in African-Caribbean patients. <i>Clinical and Experimental Ophthalmology</i> , 2013 , 41, 36-42	2.4	5
202	LTBP2 gene analysis in the GLC3C-linked family and 94 CYP1B1-negative cases with primary congenital glaucoma. <i>Ophthalmic Genetics</i> , 2013 , 34, 14-20	1.2	15
201	Molecular dynamic simulations of ocular tablet dissolution. <i>Journal of Chemical Information and Modeling</i> , 2013 , 53, 3000-8	6.1	9
200	Fab-PEG-Fab as a potential antibody mimetic. <i>Bioconjugate Chemistry</i> , 2013 , 24, 1870-82	6.3	34
199	VEGF-A is necessary and sufficient for retinal neuroprotection in models of experimental glaucoma. <i>American Journal of Pathology</i> , 2013 , 182, 1379-90	5.8	128
198	Channelrhodopsins: visual regeneration and neural activation by a light switch. <i>New Biotechnology</i> , 2013 , 30, 461-74	6.4	19
197	The Singapore 5-fluorouracil trial: intraocular pressure outcomes at 8 years. <i>Ophthalmology</i> , 2013 , 120, 1127-34	7.3	21
196	New developments in the pharmacological modulation of wound healing after glaucoma filtration surgery. <i>Current Opinion in Pharmacology</i> , 2013 , 13, 65-71	5.1	44
195	A comparison between tube surgery, ND:YAG laser and diode laser cyclophotocoagulation in the management of refractory glaucoma. <i>BioMed Research International</i> , 2013 , 2013, 371951	3	19
194	The outcome of trachomatous trichiasis surgery in Ethiopia: risk factors for recurrence. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2392	4.8	15
193	A review of the medical treatment of pediatric glaucomas at Moorfields Eye Hospital. <i>Journal of Glaucoma</i> , 2013 , 22, 601-7	2.1	22
192	Impact of age, diagnosis, and history of glaucoma surgery on outcomes in pediatric patients treated with latanoprost. <i>Journal of Glaucoma</i> , 2013 , 22, 614-9	2.1	9
191	Longitudinal changes in anterior chamber depth and axial length in Asian subjects after trabeculectomy surgery. <i>British Journal of Ophthalmology</i> , 2013 , 97, 852-6	5.5	28

190	Comparison of handheld rebound tonometry with Goldmann applanation tonometry in children with glaucoma: a cohort study. <i>BMJ Open</i> , 2013 , 3,	3	26
189	The effectiveness of schemes that refine referrals between primary and secondary care--the UK experience with glaucoma referrals: the Health Innovation & Education Cluster (HIEC) Glaucoma Pathways Project. <i>BMJ Open</i> , 2013 , 3,	3	26
188	Novel therapies and future directions 2013 , 120-134		
187	Childhood glaucoma 2013 , 353-367.e2		3
186	ReGAE 7: long-term outcomes of augmented trabeculectomy with mitomycin C in African Caribbean patients. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, e176-82	2.4	14
185	Structural basis of glaucoma: the fortified astrocytes of the optic nerve head are the target of raised intraocular pressure. <i>Glia</i> , 2012 , 60, 13-28	9	93
184	Characterisation of ilomastat for prolonged ocular drug release. <i>AAPS PharmSciTech</i> , 2012 , 13, 1063-72	3.9	10
183	Focus on molecules: neural retina leucine zipper (NRL). <i>Experimental Eye Research</i> , 2012 , 104, 99-100	3.7	4
182	Epilation for trichomatous trichiasis and the risk of corneal opacification. <i>Ophthalmology</i> , 2012 , 119, 84-9	7.3	20
181	Olfactory Ensheathing Cells Rescue Optic Nerve Fibers in a Rat Glaucoma Model. <i>Translational Vision Science and Technology</i> , 2012 , 1, 3	3.3	15
180	Rac1 inhibition prevents tissue contraction and MMP mediated matrix remodeling in the conjunctiva 2012 , 53, 4682-91		21
179	Post-operative recurrent trichomatous trichiasis is associated with increased conjunctival expression of S100A7 (psoriasin). <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1985	4.8	17
178	Enhanced trabeculectomy: the Moorfields Safer Surgery System. <i>Developments in Ophthalmology</i> , 2012 , 50, 1-28		60
177	Cataract surgery after trabeculectomy: the effect on trabeculectomy function. <i>JAMA Ophthalmology</i> , 2012 , 130, 165-70		57
176	Human Müller glia with stem cell characteristics differentiate into retinal ganglion cell (RGC) precursors in vitro and partially restore RGC function in vivo following transplantation. <i>Stem Cells Translational Medicine</i> , 2012 , 1, 188-99	6.9	112
175	Long-term outcome of primary congenital glaucoma. <i>Journal of AAPOS</i> , 2011 , 15, 148-52	1.3	38
174	Outcomes of goniotomy for primary congenital glaucoma in East Africa. <i>Ophthalmology</i> , 2011 , 118, 236-40		24
173	CYP1B1-related anterior segment developmental anomalies novel mutations for infantile glaucoma and von Hippel's ulcer revisited. <i>Ophthalmology</i> , 2011 , 118, 1865-73	7.3	19

172	Comparison of latanoprost and timolol in pediatric glaucoma: a phase 3, 12-week, randomized, double-masked multicenter study. <i>Ophthalmology</i> , 2011 , 118, 2014-21	7.3	28
171	A novel paediatric game-based visual-fields assessor. <i>British Journal of Ophthalmology</i> , 2011 , 95, 921-4	5.5	13
170	Central corneal thickness and glaucoma in East Asian people 2011 , 52, 8407-12		27
169	The clinical phenotype of trichomatous trichiasis in Ethiopia: not all trichiasis is due to entropion 2011 , 52, 7974-80		25
168	SOX2 is required for adult human muller stem cell survival and maintenance of progenicity in vitro 2011 , 52, 136-45		17
167	Advancing the treatment of conjunctival scarring: a novel ex vivo model. <i>JAMA Ophthalmology</i> , 2011 , 129, 619-27		11
166	Nuclear transport of the serum response factor coactivator MRTF-A is downregulated at tensional homeostasis. <i>EMBO Reports</i> , 2011 , 12, 963-70	6.5	36
165	Reply to Athanasiadis et al. <i>Eye</i> , 2011 , 25, 255-256	4.4	78
164	The effect of MMP inhibitor GM6001 on early fibroblast-mediated collagen matrix contraction is correlated to a decrease in cell protrusive activity. <i>European Journal of Cell Biology</i> , 2011 , 90, 26-36	6.1	28
163	Primary angle closure glaucoma in East Asia: educational attainment as a protective factor. <i>Ophthalmic Epidemiology</i> , 2011 , 18, 217-25	1.9	8
162	Quantitative mapping of scleral fiber orientation in normal rat eyes 2011 , 52, 9684-93		88
161	Surgery versus epilation for the treatment of minor trichiasis in Ethiopia: a randomised controlled noninferiority trial. <i>PLoS Medicine</i> , 2011 , 8, e1001136	11.6	27
160	Absorbable versus silk sutures for surgical treatment of trichomatous trichiasis in Ethiopia: a randomised controlled trial. <i>PLoS Medicine</i> , 2011 , 8, e1001137	11.6	35
159	Prophylactic laser peripheral iridotomy and cataract progression. <i>Eye</i> , 2010 , 24, 1127-34; quiz 1135	4.4	11
158	Randomised controlled trial of screening and prophylactic treatment to prevent primary angle closure glaucoma. <i>British Journal of Ophthalmology</i> , 2010 , 94, 1472-7	5.5	23
157	Triamcinolone attenuates macrophage/microglia accumulation associated with NMDA-induced RGC death and facilitates survival of Müller stem cell grafts. <i>Experimental Eye Research</i> , 2010 , 90, 308-15	3.7	28
156	Tear cytokine profile in medicated glaucoma patients: effect of monocyte chemoattractant protein 1 on early posttrabeculectomy outcome. <i>Ophthalmology</i> , 2010 , 117, 2353-8	7.3	47
155	Current approaches and future prospects for stem cell rescue and regeneration of the retina and optic nerve. <i>Canadian Journal of Ophthalmology</i> , 2010 , 45, 333-41	1.4	45

154	Strategies for optic nerve rescue and regeneration in glaucoma and other optic neuropathies. <i>Drug Discovery Today</i> , 2010 , 15, 287-99	8.8	49
153	Adult retinal stem cells revisited. <i>Open Ophthalmology Journal</i> , 2010 , 4, 30-8	0.9	32
152	Procedural Treatments: Trabeculectomy 2010 , 271-278		1
151	Wound-healing responses to glaucoma surgery 2010 , 214-222		
150	The role of an MMP inhibitor in the regulation of mechanical tension by Dupuytren's disease fibroblasts. <i>Journal of Hand Surgery: European Volume</i> , 2009 , 34, 783-7	1.4	8
149	The Moorfields safer surgery system. <i>Middle East African Journal of Ophthalmology</i> , 2009 , 16, 112-5	0.9	43
148	Increased mast cell numbers in the conjunctiva of glaucoma patients: a possible indicator of preoperative glaucoma surgery inflammation. <i>Eye</i> , 2009 , 23, 1859-65	4.4	18
147	Is measurement of adult height useful in screening for primary angle closure?. <i>Eye</i> , 2009 , 23, 1775-80	4.4	9
146	Distribution of Müller stem cells within the neural retina: evidence for the existence of a ciliary margin-like zone in the adult human eye. <i>Experimental Eye Research</i> , 2009 , 89, 373-82	3.7	81
145	The Singapore 5-Fluorouracil trabeculectomy study: effects on intraocular pressure control and disease progression at 3 years. <i>Ophthalmology</i> , 2009 , 116, 175-84	7.3	70
144	Lens refilling to restore accommodation. <i>Journal of Cataract and Refractive Surgery</i> , 2009 , 35, 374-82	2.3	47
143	Optic disc and visual field changes after trabeculectomy 2009 , 50, 4693-9		22
142	Antimetabolite-Augmented Trabeculectomy Combined with Cataract Extraction for the Treatment of Cataract and Glaucoma 2009 , 83-90		
141	Modulation of wound healing during and after glaucoma surgery. <i>Progress in Brain Research</i> , 2008 , 173, 237-54	2.9	51
140	Tissue Repair and Regeneration 2008 , 333-366		
139	Matrix metalloproteinase inhibition reduces contraction by Dupuytren fibroblasts. <i>Journal of Hand Surgery</i> , 2008 , 33, 1608-16	2.6	27
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