Peng Tee Khaw

List of Publications by Year in descending order

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322 papers	20,809 citations	13099 68 h-index	16183 124 g-index
349 all docs	349 docs citations	349 times ranked	16072 citing authors

#	Article	IF	Citations
1	Primary open-angle glaucoma. Lancet, The, 2004, 363, 1711-1720.	13.7	1,728
2	Clinically applicable deep learning for diagnosis and referral in retinal disease. Nature Medicine, 2018, 24, 1342-1350.	30.7	1,551
3	The Lancet Global Health Commission on Global Eye Health: vision beyond 2020. The Lancet Global Health, 2021, 9, e489-e551.	6.3	549
4	Prevalence and Clinical Characteristics of Glaucoma in Adult Chinese: A Population-Based Study in Liwan District, Guangzhou. , 2006, 47, 2782.		334
5	Transplantation of Ex Vivo Cultured Limbal Epithelial Stem Cells: A Review of Techniques and Clinical Results. Survey of Ophthalmology, 2007, 52, 483-502.	4.0	314
6	Polyvalent dendrimer glucosamine conjugates prevent scar tissue formation. Nature Biotechnology, 2004, 22, 977-984.	17.5	313
7	â€œCyclodiodeâ€• Ophthalmology, 1997, 104, 1508-1520.	5.2	281
8	Characterization of the Limbal Epithelial Stem Cell Niche: Novel Imaging Techniques Permit In Vivo Observation and Targeted Biopsy of Limbal Epithelial Stem Cells. Stem Cells, 2007, 25, 1402-1409.	3.2	273
9	Five-Minute Treatments With Fluorouracil, Floxuridine, and Mitomycin Have Long-term Effects on Human Tenon's Capsule Fibroblasts. JAMA Ophthalmology, 1992, 110, 1150.	2.4	258
10	MIO-M1 Cells and Similar MÃ¼ller Glial Cell Lines Derived from Adult Human Retina Exhibit Neural Stem Cell Characteristics. Stem Cells, 2007, 25, 2033-2043.	3.2	250
11	Adjuvant 5-fluorouracil and heparin prevents proliferative vitreoretinopathy. Ophthalmology, 2001, 108, 1179-1183.	5.2	243
12	The British Infantile and Childhood Glaucoma (BIG) Eye Study. , 2007, 48, 4100.		241
13	Prolonged Localized Tissue Effects From 5-Minute Exposures to Fluorouracil and Mitomycin C. JAMA Ophthalmology, 1993, 111, 263.	2.4	240
14	In vitro characterization of a spontaneously immortalized human MÃ¼ller cell line (MIO-M1). Investigative Ophthalmology and Visual Science, 2002, 43, 864-9.	3.3	227
15	Cystic bleb formation and related complications in limbus- versus fornix-based conjunctival flaps in pediatric and young adult trabeculectomy with mitomycin C. Ophthalmology, 2003, 110, 2192-2197.	5.2	222
16	Evaluation of Anti-TGF-Î²2 Antibody as a New Postoperative Anti-scarring Agent in Glaucoma Surgery. , 2003, 44, 3394.		220
17	Genome-wide analyses identify 68 new loci associated with intraocular pressure and improve risk prediction for primary open-angle glaucoma. Nature Genetics, 2018, 50, 778-782.	21.4	214
18	Genome-wide meta-analysis identifies 127 open-angle glaucoma loci with consistent effect across ancestries. Nature Communications, 2021, 12, 1258.	12.8	196

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19	Multitrait analysis of glaucoma identifies new risk loci and enables polygenic prediction of disease susceptibility and progression. Nature Genetics, 2020, 52, 160-166.	21.4	192
20	Anterior Chamber Depth and the Risk of Primary Angle Closure in 2 East Asian Populations. JAMA Ophthalmology, 2005, 123, 527.	2.4	185
21	Corneal stem cells in review. Wound Repair and Regeneration, 2001, 9, 483-494.	3.0	182
22	Meta-analysis of 542,934 subjects of European ancestry identifies new genes and mechanisms predisposing to refractive error and myopia. Nature Genetics, 2020, 52, 401-407.	21.4	180
23	Angle-closure glaucoma in East Asian and European people. Different diseases?. Eye, 2006, 20, 3-12.	2.1	179
24	Predicting conversion to wet age-related macular degeneration using deep learning. Nature Medicine, 2020, 26, 892-899.	30.7	178
25	The Role of the Immune System in Conjunctival Wound Healing After Glaucoma Surgery. Survey of Ophthalmology, 2000, 45, 49-68.	4.0	174
26	Laser Peripheral Iridotomy in Primary Angle-Closure Suspects: Biometric and Gonioscopic Outcomes. Ophthalmology, 2007, 114, 494-500.	5.2	169
27	Human MÃ¼ller Glia with Stem Cell Characteristics Differentiate into Retinal Ganglion Cell (RGC) Precursors In Vitro and Partially Restore RGC Function In Vivo Following Transplantation. Stem Cells Translational Medicine, 2012, 1, 188-199.	3.3	166
28	Novel antisense oligonucleotides targeting TGF-Î² inhibit in vivo scarring and improve surgical outcome. Gene Therapy, 2003, 10, 59-71.	4.5	163
29	A Review of Anterior Segment Dysgeneses. Survey of Ophthalmology, 2006, 51, 213-231.	4.0	162
30	A Pilot Study of a System for Grading of Drainage Blebs after Glaucoma Surgery. Journal of Glaucoma, 2004, 13, 454-460.	1.6	161
31	Diode laser cyclophotocoagulation. Ophthalmology, 2002, 109, 316-323.	5.2	154
32	VEGF-A Is Necessary and Sufficient for Retinal Neuroprotection in Models of Experimental Glaucoma. American Journal of Pathology, 2013, 182, 1379-1390.	3.8	151
33	Recent advances in trabeculectomy technique. Current Opinion in Ophthalmology, 2005, 16, 107-113.	2.9	145
34	Effects of Intraoperative 5-Fluorouracil or Mitomycin C on Glaucoma Filtration Surgery in the Rabbit. Ophthalmology, 1993, 100, 367-372.	5.2	141
35	Needle revision of failing and failed trabeculectomy blebs with adjunctive 5-fluorouracil*1Survival analysis. Ophthalmology, 2004, 111, 665-673.	5.2	138
36	Principles of pharmacology in the eye. British Journal of Pharmacology, 2017, 174, 4205-4223.	5.4	137

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37	Association of Retinal Nerve Fiber Layer Thinning With Current and Future Cognitive Decline. JAMA Neurology, 2018, 75, 1198.	9.0	136
38	Human antitransforming growth factor Î² 2 monoclonal antibodyâ€"a new modulator of wound healing in trabeculectomy. Ophthalmology, 2002, 109, 427-431.	5.2	135
39	Involvement of CTGF in TGF-Î²1â€"Stimulation of Myofibroblast Differentiation and Collagen Matrix Contraction in the Presence of Mechanical Stress. , 2004, 45, 1109.		127
40	Chromosomal Duplication Involving the Forkhead Transcription Factor GeneFOXC1Causes Iris Hypoplasia and Glaucoma. American Journal of Human Genetics, 2000, 67, 1129-1135.	6.2	127
41	Laser Peripheral Iridotomy in Eyes with Narrow Drainage Angles: Ultrasound Biomicroscopy Outcomes. The Liwan Eye Study. Ophthalmology, 2007, 114, 1513-1519.	5.2	126
42	Risk factors for proliferative vitreoretinopathy after primary vitrectomy: a prospective study. British Journal of Ophthalmology, 2000, 84, 506-511.	3.9	122
43	Determinants of Intraocular Pressure and Its Association with Glaucomatous Optic Neuropathy in Chinese Singaporeans: The Tanjong Pagar Study. , 2003, 44, 3885.		121
44	Matrix Metalloproteinases in Disease and Repair Processes in the Anterior Segment. Survey of Ophthalmology, 2002, 47, 239-256.	4.0	120
45	Skin and oral fibroblasts exhibit phenotypic differences in extracellular matrix reorganization and matrix metalloproteinase activity. British Journal of Dermatology, 2001, 144, 229-237.	1.5	119
46	Matrix Metalloproteinase Inhibition Modulates Fibroblast-Mediated Matrix Contraction and Collagen Production In Vitro. , 2003, 44, 1104.		117
47	Chondroitin Sulfate Proteoglycans and Microglia Prevent Migration and Integration of Grafted MÃ¼ller Stem Cells into Degenerating Retina. Stem Cells, 2008, 26, 1074-1082.	3.2	117
48	Defining "occludable" angles in population surveys: drainage angle width, peripheral anterior synechiae, and glaucomatous optic neuropathy in east Asian people. British Journal of Ophthalmology, 2004, 88, 486-490.	3.9	113
49	Modulation of wound healing after glaucoma surgery. Current Opinion in Ophthalmology, 2001, 12, 143-148.	2.9	112
50	Structural basis of glaucoma: The fortified astrocytes of the optic nerve head are the target of raised intraocular pressure. Glia, 2012, 60, 13-28.	4.9	112
51	Chromosomal Duplication Involving the Forkhead Transcription Factor Gene FOXC1 Causes Iris Hypoplasia and Glaucoma. American Journal of Human Genetics, 2000, 67, 1129-1135.	6.2	105
52	Mediation of Transforming Growth Factor-Î²1-Stimulated Matrix Contraction by Fibroblasts. American Journal of Pathology, 2003, 163, 2043-2052.	3.8	105
53	Matrix Metalloproteinase-1 Associates with Intracellular Organelles and Confers Resistance to Lamin A/C Degradation during Apoptosis. American Journal of Pathology, 2005, 166, 1555-1563.	3.8	105
54	Quantitative Mapping of Scleral Fiber Orientation in Normal Rat Eyes. , 2011, 52, 9684.		104

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55	Matrix Metalloproteinase Inhibition Modulates Postoperative Scarring after Experimental Glaucoma Filtration Surgery. , 2003, 44, 1097.		103
56	Anterior chamber flare after trabeculectomy and after phacoemulsification. British Journal of Ophthalmology, 2000, 84, 1056-1057.	3.9	102
57	Silicone oil concentrates fibrogenic growth factors in the retro-oil fluid. British Journal of Ophthalmology, 2004, 88, 1439-1442.	3.9	102
58	MÃ¼ller glia as an important source of cytokines and inflammatory factors present in the gliotic retina during proliferative vitreoretinopathy. Glia, 2016, 64, 495-506.	4.9	100
59	Risk factors for development of post-trabeculectomy endophthalmitis. British Journal of Ophthalmology, 2000, 84, 1349-1353.	3.9	99
60	Flap and Suture Manipulation after Trabeculectomy with Adjustable Sutures: Titration of Flow and Intraocular Pressure in Guarded Filtration Surgery. Journal of Glaucoma, 2004, 13, 400-406.	1.6	97
61	Distribution of MÃ¼ller stem cells within the neural retina: Evidence for the existence of a ciliary margin-like zone in the adult human eye. Experimental Eye Research, 2009, 89, 373-382.	2.6	96
62	How to predict proliferative vitreoretinopathy. Ophthalmology, 2001, 108, 1184-1186.	5.2	92
63	Enhanced Trabeculectomy â€“ The Moorfields Safer Surgery System. Developments in Ophthalmology, 2012, 50, 1-28.	0.1	91
64	Matrix metalloproteinases and their natural inhibitors in fibrovascular membranes of proliferative diabetic retinopathy. British Journal of Ophthalmology, 2000, 84, 1091-1096.	3.9	87
65	Associations with Intraocular Pressure in a Large Cohort. Ophthalmology, 2016, 123, 771-782.	5.2	87
66	Cohort profile: design and methods in the eye and vision consortium of UK Biobank. BMJ Open, 2019, 9, e025077.	1.9	85
67	The Singapore 5-Fluorouracil Trabeculectomy Study. Ophthalmology, 2009, 116, 175-184.	5.2	83
68	Results of Intraoperative 5-Fluorouracil Supplementation on Trabeculectomy for Open-angle Glaucoma. American Journal of Ophthalmology, 1992, 114, 737-741.	3.3	82
69	Matrix metalloproteinase distribution during early corneal wound healing. Eye, 2005, 19, 584-588.	2.1	82
70	Olfactory Ensheathing Cells Rescue Optic Nerve Fibers in a Rat Glaucoma Model. Translational Vision Science and Technology, 2012, 1, 3.	2.2	81
71	Transplantation of Photoreceptors Derived From Human MÃ¼ller Glia Restore Rod Function in the P23H Rat. Stem Cells Translational Medicine, 2014, 3, 323-333.	3.3	81
72	Childhood glaucoma surgery in the 21st Century. Eye, 2014, 28, 931-943.	2.1	79

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73	Beta irradiation: new uses for an old treatment: a review. Eye, 2003, 17, 207-215.	2.1	77
74	Prolonged Antiscarring Effects of Ilomastat and MMC after Experimental Glaucoma Filtration Surgery. , 2005, 46, 2018.		77
75	Gonioscopy in Adult Chinese: The Liwan Eye Study. , 2006, 47, 4772.		77
76	The Oculome Panel Test. Ophthalmology, 2019, 126, 888-907.	5.2	77
77	Modulating conjunctival wound healing. Eye, 2000, 14, 536-547.	2.1	76
78	Cataract Surgery After Trabeculectomy. JAMA Ophthalmology, 2012, 130, 165.	2.4	76
79	Intraocular pressure and visual field loss in primary angle closure and primary open angle glaucomas. British Journal of Ophthalmology, 2003, 87, 720-725.	3.9	74
80	Enhanced Trabeculectomy: The Moorfields Safer Surgery System. Developments in Ophthalmology, 2017, 59, 15-35.	0.1	67
81	Decrease in Adhesion Formation by a Single Application of 5-Fluorouracil after Flexor Tendon Injury. Plastic and Reconstructive Surgery, 1999, 103, 151-158.	1.4	66
82	Temporal and spatial expression of matrix metalloproteinases during wound healing of human corneal tissue. Experimental Eye Research, 2003, 77, 653-664.	2.6	66
83	Strategies for optic nerve rescue and regeneration in glaucoma and other optic neuropathies. Drug Discovery Today, 2010, 15, 287-299.	6.4	66
84	Intraoperative and post operative treatment with 5-Fluorouracil and mitomycin-c: long term effects in vivo on subconjunctival and scleral fibroblasts. International Ophthalmology, 1992, 16, 381-385.	1.4	64
85	Comparison of Associations with Different Macular Inner Retinal Thickness Parameters in a Large Cohort. Ophthalmology, 2020, 127, 62-71.	5.2	64
86	Current approaches and future prospects for stem cell rescue and regeneration of the retina and optic nerve. Canadian Journal of Ophthalmology, 2010, 45, 333-341.	0.7	63
87	Ocular developmental abnormalities and glaucoma associated with interstitial 6p25 duplications and deletions. Investigative Ophthalmology and Visual Science, 2002, 43, 1843-9.	3.3	63
88	Differences in proliferative rate and collagen lattice contraction between endotenon and synovial fibroblasts. Journal of Hand Surgery, 1998, 23, 266-273.	1.6	62
89	Modulation of wound healing during and after glaucoma surgery. Progress in Brain Research, 2008, 173, 237-254.	1.4	61
90	Quality of Life and Functional Vision in Children with Glaucoma. Ophthalmology, 2017, 124, 1048-1055.	5.2	60

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91	The Relationship Between Ambient Atmospheric Fine Particulate Matter (PM_{2.5}) and Glaucoma in a Large Community Cohort. , 2019, 60, 4915.		60
92	MMP inhibition prevents human lens epithelial cell migration and contraction of the lens capsule. British Journal of Ophthalmology, 2004, 88, 868-872.	3.9	59
93	Detection of Narrow Angles and Established Angle Closure In Chinese Residents of Singapore: Potential Screening Tests. American Journal of Ophthalmology, 2006, 141, 896-901.	3.3	59
94	Lens refilling to restore accommodation. Journal of Cataract and Refractive Surgery, 2009, 35, 374-382.	1.5	59
95	The PK-Eye: A Novel In Vitro Ocular Flow Model for Use in Preclinical Drug Development. Journal of Pharmaceutical Sciences, 2015, 104, 3330-3342.	3.3	59
96	Electrospun formulations of bevacizumab for sustained release in the eye. Acta Biomaterialia, 2017, 64, 126-136.	8.3	59
97	Antibody loaded collapsible hyaluronic acid hydrogels for intraocular delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 124, 95-103.	4.3	59
98	Allogeneic Transplantation of MÃ¼ller-Derived Retinal Ganglion Cells Improves Retinal Function in a Feline Model of Ganglion Cell Depletion. Stem Cells Translational Medicine, 2016, 5, 192-205.	3.3	58
99	Surgical results in malignant glaucoma refractory to medical or laser therapy. Eye, 1997, 11, 677-681.	2.1	57
100	Differential Expression of Matrix Metalloproteinases 2 and 9 by Glial MÃ¼ller Cells. American Journal of Pathology, 2002, 160, 1847-1855.	3.8	55
101	Human Corneal Epithelial Cells Require MMP-1 for HGF-Mediated Migration on Collagen I. , 2003, 44, 1048.		55
102	Long-term outcome of primary congenital glaucoma. Journal of AAPOS, 2011, 15, 148-152.	0.3	54
103	Genetic Analysis of â€˜PAX6-Negativeâ€™ Individuals with Aniridia or Gillespie Syndrome. PLoS ONE, 2016, 11, e0153757.	2.5	54
104	Matrix Metalloproteinases. American Journal of Pathology, 2001, 159, 1555-1566.	3.8	53
105	New developments in the pharmacological modulation of wound healing after glaucoma filtration surgery. Current Opinion in Pharmacology, 2013, 13, 65-71.	3.5	53
106	A review of trabeculectomy in East Asian peopleâ€”the influence of race. Eye, 2005, 19, 243-252.	2.1	52
107	Pathogenesis of Progressive Scarring Trachoma in Ethiopia and Tanzania and Its Implications for Disease Control: Two Cohort Studies. PLoS Neglected Tropical Diseases, 2015, 9, e0003763.	3.0	52
108	Local delivery of novel MRTF/SRF inhibitors prevents scar tissue formation in a preclinical model of fibrosis. Scientific Reports, 2017, 7, 518.	3.3	52

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109	Gene Therapy for Glaucoma by Ciliary Body Aquaporin 1 Disruption Using CRISPR-Cas9. Molecular Therapy, 2020, 28, 820-829.	8.2	52
110	The moorfields safer surgery system. Middle East African Journal of Ophthalmology, 2009, 16, 112.	0.3	51
111	Glaucoma--1: Diagnosis. BMJ: British Medical Journal, 2004, 328, 97-99.	2.3	50
112	Accuracy of Intraocular Pressure Measurements in New Zealand White Rabbits. , 2005, 46, 2419.		50
113	Tear Cytokine Profile in Medicated Glaucoma Patients. Ophthalmology, 2010, 117, 2353-2358.	5.2	50
114	Genetic variation affects morphological retinal phenotypes extracted from UK Biobank optical coherence tomography images. PLoS Genetics, 2021, 17, e1009497.	3.5	50
115	Optic disc changes following trabeculectomy: longitudinal and localisation of change. British Journal of Ophthalmology, 2001, 85, 956-961.	3.9	47
116	National survey of antimetabolite use in glaucoma surgery in the United Kingdom. British Journal of Ophthalmology, 2004, 88, 873-876.	3.9	47
117	Primary congenital glaucoma. Progress in Brain Research, 2015, 221, 177-189.	1.4	47
118	Novel Anterior Segment Phenotypes Resulting from Forkhead Gene Alterations: Evidence for Cross-Species Conservation of Function. , 2003, 44, 2627.		46
119	Long-Term Outcomes of Trabeculectomy Augmented with Mitomycin C Undertaken within the First 2 Years of Life. Ophthalmology, 2015, 122, 2216-2222.	5.2	46
120	Phenotypic and Functional Characterization of MÃ¼ller Glia Isolated from Induced Pluripotent Stem Cell-Derived Retinal Organoids: Improvement of Retinal Ganglion Cell Function upon Transplantation. Stem Cells Translational Medicine, 2019, 8, 775-784.	3.3	46
121	The corneal thickness and intraocular pressure story: where are we now?. Clinical and Experimental Ophthalmology, 2002, 30, 334-337.	2.6	45
122	Nuclear transport of the serum response factor coactivator MRTFâ€A is downregulated at tensional homeostasis. EMBO Reports, 2011, 12, 963-970.	4.5	45
123	KERATINOCYTE-DRIVEN CONTRACTION OF RECONSTRUCTED HUMAN SKIN. Wound Repair and Regeneration, 2001, 9, 95-106.	3.0	44
124	Injury to the eye. BMJ: British Medical Journal, 2004, 328, 36-38.	2.3	44
125	Receptor-targeted liposome-peptide-siRNA nanoparticles represent an efficient delivery system for MRTF silencing in conjunctival fibrosis. Scientific Reports, 2016, 6, 21881.	3.3	44
126	A novel homeobox mutation in thePITX2gene in a family with Axenfeld-Rieger syndrome associated with brain, ocular, and dental phenotypes. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2006, 141B, 184-191.	1.7	42

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127	Measures of socioeconomic status and self-reported glaucoma in the UK Biobank cohort. Eye, 2015, 29, 1360-1367.	2.1	42
128	Absorbable Versus Silk Sutures for Surgical Treatment of Trachomatous Trichiasis in Ethiopia: A Randomised Controlled Trial. PLoS Medicine, 2011, 8, e1001137.	8.4	41
129	Fab-PEG-Fab as a Potential Antibody Mimetic. Bioconjugate Chemistry, 2013, 24, 1870-1882.	3.6	41
130	Electrospun formulations of acyclovir, ciprofloxacin and cyanocobalamin for ocular drug delivery. International Journal of Pharmaceutics, 2016, 502, 208-218.	5.2	41
131	Effect of beta radiation on proliferating human Tenon's capsule fibroblasts.. British Journal of Ophthalmology, 1991, 75, 580-583.	3.9	40
132	Current Prospects for Adult Stem Cellâ€"Based Therapies in Ocular Repair and Regeneration. Current Eye Research, 2006, 31, 381-390.	1.5	40
133	Problem of Dural Scarring in Recording From Awake, Behaving Monkeys: A Solution Using 5-Fluorouracil. Journal of Neurophysiology, 2003, 90, 1324-1332.	1.8	40
134	Ultrastructural changes during contraction of collagen lattices by ocular fibroblasts. Wound Repair and Regeneration, 1998, 6, 157-166.	3.0	39
135	Dynamic protrusive cell behaviour generates force and drives early matrix contraction by fibroblasts. Experimental Cell Research, 2007, 313, 4158-4169.	2.6	38
136	Transplanted olfactory ensheathing cells incorporated into the optic nerve head ensheathe retinal ganglion cell axons: Possible relevance to glaucoma. Neuroscience Letters, 2008, 440, 251-254.	2.1	38
137	Effects of Antimetabolite Induced Cellular Growth Arrest on Fibroblast-Fibroblast Interactions. Experimental Eye Research, 1999, 69, 117-127.	2.6	37
138	Neuroprotection and other novel therapies for glaucoma. Current Opinion in Pharmacology, 2013, 13, 1-4.	3.5	37
139	Visual impairment, severe visual impairment, and blindness in children in Britain (BCVIS2): a national observational study. The Lancet Child and Adolescent Health, 2021, 5, 190-200.	5.6	37
140	A randomised trial of the effect of intraoperative 5-FU on the outcome of trabeculectomy in east Africa. British Journal of Ophthalmology, 2001, 85, 1028-1030.	3.9	36
141	Intraocular Pressure Outcome in Primary 5FU Phacotrabeculectomies Compared With 5FU Trabeculectomies. Journal of Glaucoma, 2006, 15, 475-481.	1.6	36
142	Development of Targeted siRNA Nanocomplexes to Prevent Fibrosis in Experimental Glaucoma Filtration Surgery. Molecular Therapy, 2018, 26, 2812-2822.	8.2	36
143	Randomised controlled trial of screening and prophylactic treatment to prevent primary angle closure glaucoma. British Journal of Ophthalmology, 2010, 94, 1472-1477.	3.9	35
144	Longitudinal changes in anterior chamber depth and axial length in Asian subjects after trabeculectomy surgery. British Journal of Ophthalmology, 2013, 97, 852-856.	3.9	35

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145	Comparison of handheld rebound tonometry with Goldmann applanation tonometry in children with glaucoma: a cohort study. BMJ Open, 2013, 3, e001788.	1.9	35
146	Ambient Air Pollution Associations with Retinal Morphology in the UK Biobank. , 2020, 61, 32.		35
147	Matrix Metalloproteinases in Sterile Corneal Melts. Annals of the New York Academy of Sciences, 1999, 878, 571-574.	3.8	34
148	Socioeconomic status, systolic blood pressure and intraocular pressure: the Tanjong Pagar Study. British Journal of Ophthalmology, 2007, 91, 56-61.	3.9	34
149	Triamcinolone attenuates macrophage/microglia accumulation associated with NMDA-induced RGC death and facilitates survival of MÃ¼ller stem cell grafts. Experimental Eye Research, 2010, 90, 308-315.	2.6	34
150	Outcomes of Goniotomy for Primary Congenital Glaucoma in East Africa. Ophthalmology, 2011, 118, 236-240.	5.2	34
151	Comparison of Latanoprost and Timolol in Pediatric Glaucoma: A Phase 3, 12-Week, Randomized, Double-Masked Multicenter Study. Ophthalmology, 2011, 118, 2014-2021.	5.2	34
152	The effectiveness of schemes that refine referrals between primary and secondary careâ€"the UK experience with glaucoma referrals: the Health Innovation & Education Cluster (HIEC) Glaucoma Pathways Project. BMJ Open, 2013, 3, e002715.	1.9	34
153	Developing novel anti-fibrotic therapeutics to modulate post-surgical wound healing in glaucoma: big potential for small molecules. Expert Review of Ophthalmology, 2015, 10, 65-76.	0.6	34
154	Wound healing modulation after glaucoma surgery. Current Opinion in Ophthalmology, 2000, 11, 121-126.	2.9	34
155	Adult Retinal Stem Cells Revisited. Open Ophthalmology Journal, 2010, 4, 30-38.	0.2	34
156	Single Exposures to 5-Fluorouracil: A Possible Mode of Targeted Therapy to Reduce Contractile Scarring in the Injured Tendon. Plastic and Reconstructive Surgery, 1997, 99, 465-471.	1.4	33
157	Association of ambient air pollution with age-related macular degeneration and retinal thickness in UK Biobank. British Journal of Ophthalmology, 2022, 106, 705-711.	3.9	33
158	Injectables and Depots to Prolong Drug Action of Proteins and Peptides. Pharmaceutics, 2020, 12, 999.	4.5	32
159	Meeting the challenge of glaucoma after paediatric cataract surgery. Eye, 2003, 17, 1-2.	2.1	31
160	Central Corneal Thickness and Glaucoma in East Asian People. , 2011, 52, 8407.		31
161	Storage stability of bevacizumab in polycarbonate and polypropylene syringes. Eye, 2015, 29, 820-827.	2.1	31
162	Solid-state protein formulations. Therapeutic Delivery, 2015, 6, 59-82.	2.2	31

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163	Advances in the management of paediatric glaucoma. Eye, 2007, 21, 1319-1325.	2.1	30
164	Incidence of occludable angles in a high-risk Mongolian population. British Journal of Ophthalmology, 2008, 92, 30-33.	3.9	30
165	Optic Disc and Visual Field Changes after Trabeculectomy. , 2009, 50, 4693.		30
166	The Clinical Phenotype of Trachomatous Trichiasis in Ethiopia: Not All Trichiasis Is Due to Entropion. , 2011, 52, 7974.		30
167	SOX2 Is Required for Adult Human MÃ¼ller Stem Cell Survival and Maintenance of Progenicity In Vitro. , 2011, 52, 136.		30
168	The effect of MMP inhibitor GM6001 on early fibroblast-mediated collagen matrix contraction is correlated to a decrease in cell protrusive activity. European Journal of Cell Biology, 2011, 90, 26-36.	3.6	30
169	Surgery Versus Epilation for the Treatment of Minor Trichiasis in Ethiopia: A Randomised Controlled Noninferiority Trial. PLoS Medicine, 2011, 8, e1001136.	8.4	30
170	Translating Minimally Invasive Glaucoma Surgery Devices. Clinical and Translational Science, 2020, 13, 14-25.	3.1	30
171	Apoptosis gene expression and death receptor signaling in mitomycin-C-treated human tenon capsule fibroblasts. Investigative Ophthalmology and Visual Science, 2002, 43, 692-9.	3.3	30
172	Choroidal effusions and hypotony caused by severe anterior lens capsule contraction after cataract surgery. American Journal of Ophthalmology, 2000, 129, 253-254.	3.3	29
173	The morphology of the optic nerve head in the Singaporean Chinese population (the Tanjong Pagar) Tj ETQq1 1 0.784314 rgBT /Overlo	3.9	29
174	A Review of the Medical Treatment of Pediatric Glaucomas at Moorfields Eye Hospital. Journal of Glaucoma, 2013, 22, 601-607.	1.6	29
175	An energy theory of glaucoma. Glia, 2015, 63, 1537-1552.	4.9	29
176	Sustained release ophthalmic dexamethasone: In vitro in vivo correlations derived from the PK-Eye. International Journal of Pharmaceutics, 2017, 522, 119-127.	5.2	29
177	Associations with Corneal Hysteresis in a Population Cohort. Ophthalmology, 2019, 126, 1500-1510.	5.2	29
178	Sponge delivery variables and tissue levels of 5-fluorouracil. British Journal of Ophthalmology, 2000, 84, 92-97.	3.9	28
179	The Singapore 5-Fluorouracil Trial. Ophthalmology, 2013, 120, 1127-1134.	5.2	28
180	Matrix Metalloproteinase Inhibition Reduces Contraction by Dupuytren Fibroblasts. Journal of Hand Surgery, 2008, 33, 1608-1616.	1.6	27

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