

Chui Ming Gemmy Cheung

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.

227
papers

10,031
citations

44
h-index

95
g-index

254
ext. papers

13,180
ext. citations

5.7
avg, IF

6.56
L-index

#	Paper	IF	Citations
227	Efficacy, durability, and safety of intravitreal faricimab up to every 16 weeks for neovascular age-related macular degeneration (TENAYA and LUCERNE): two randomised, double-masked, phase 3, non-inferiority trials.. <i>Lancet, The</i> , 2022 ,	4.0	15
226	MACULAR SENSITIVITY AND CAPILLARY PERFUSION IN HIGHLY MYOPIC EYES WITH MYOPIC MACULAR DEGENERATION.. <i>Retina</i> , 2022 , 42, 529-539	3.6	0
225	Novel volumetric imaging biomarkers for assessing disease activity in eyes with PCV.. <i>Scientific Reports</i> , 2022 , 12, 2993	4.9	0
224	Hyaluronidase-1-mediated glycocalyx impairment underlies endothelial abnormalities in polypoidal choroidal vasculopathy.. <i>BMC Biology</i> , 2022 , 20, 47	7.3	0
223	Three-dimensional modelling of the choroidal angioarchitecture in a multi-ethnic Asian population.. <i>Scientific Reports</i> , 2022 , 12, 3831	4.9	0
222	Serum Cholesterol Efflux Capacity in Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy. <i>Ophthalmology Science</i> , 2022 , 100142		
221	Efficacy, safety, and treatment burden of treat-and-extend versus alternative anti-VEGF regimens for nAMD: a systematic review and meta-analysis.. <i>Eye</i> , 2022 ,	4.4	2
220	Correlation of Optical Coherence Tomography Angiography Characteristics with Visual Function to Define Vision-Threatening Diabetic Macular Ischemia. <i>Diagnostics</i> , 2022 , 12, 1050	3.8	0
219	Different impact of early and late stages irreversible eye diseases on vision-specific quality of life domains.. <i>Scientific Reports</i> , 2022 , 12, 8465	4.9	
218	Gene-Based Therapeutics for Inherited Retinal Diseases.. <i>Frontiers in Genetics</i> , 2021 , 12, 794805	4.5	4
217	Real-world cost-effectiveness of anti-VEGF monotherapy and combination therapy for the treatment of polypoidal choroidal vasculopathy. <i>Eye</i> , 2021 ,	4.4	1
216	Treat-and-Extend Regimens for the Management of Neovascular Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy: Consensus and Recommendations From the Asia-Pacific Vitreo-retina Society. <i>Asia-Pacific Journal of Ophthalmology</i> , 2021 , 10,	3.5	2
215	Six-year incidence of age-related macular degeneration and correlation to OCT-derived drusen volume measurements in a Chinese population. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	2
214	RANIBIZUMAB WITH OR WITHOUT VERTEPORFIN PHOTODYNAMIC THERAPY FOR POLYPOIDAL CHOROIDAL VASCULOPATHY: Predictors of Visual and Anatomical Response in the EVEREST II Study. <i>Retina</i> , 2021 , 41, 387-392	3.6	2
213	T and genetic variations between Asian and Caucasian polypoidal choroidal vasculopathy. <i>British Journal of Ophthalmology</i> , 2021 , 105, 1716-1723	5.5	2
212	Pachychoroid spectrum disease. <i>Acta Ophthalmologica</i> , 2021 , 99, e806-e822	3.7	14
211	Extended intervals for wet AMD patients with high retreatment needs: informing the risk during COVID-19, data from real-world evidence. <i>Eye</i> , 2021 , 35, 2793-2801	4.4	8

210	Anti-retinal autoantibodies in myopic macular degeneration: a pilot study. <i>Eye</i> , 2021 , 35, 2254-2259	4.4	4
209	Detection of features associated with neovascular age-related macular degeneration in ethnically distinct data sets by an optical coherence tomography: trained deep learning algorithm. <i>British Journal of Ophthalmology</i> , 2021 , 105, 1133-1139	5.5	13
208	Highlights from the 2019 International Myopia Summit on Controversies in myopia <i>British Journal of Ophthalmology</i> , 2021 , 105, 1196-1202	5.5	6
207	Choroidal and Retinal Changes After Systemic Adrenaline and Photodynamic Therapy in Non-Human Primates 2021 , 62, 25		1
206	Retinal microvascular signs in COVID-19. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	11
205	Macular neovascularization in eyes with pachydrusen. <i>Scientific Reports</i> , 2021 , 11, 7495	4.9	0
204	PULSATILE FILLING OF DILATED CHOROIDAL VESSELS IN MACULAR WATERSHED ZONES. <i>Retina</i> , 2021 , 41, 2370-2377	3.6	3
203	Computer-aided detection and abnormality score for the outer retinal layer in optical coherence tomography. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	2
202	Venous overload choroidopathy: A hypothetical framework for central serous chorioretinopathy and allied disorders. <i>Progress in Retinal and Eye Research</i> , 2021 , 100973	20.5	15
201	IMI Pathologic Myopia 2021 , 62, 5		22
200	Retinal photograph-based deep learning algorithms for myopia and a blockchain platform to facilitate artificial intelligence medical research: a retrospective multicohort study. <i>The Lancet Digital Health</i> , 2021 , 3, e317-e329	14.4	21
199	INTERVORTEX VENOUS ANASTOMOSIS IN Pachychoroid-RELATED DISORDERS. <i>Retina</i> , 2021 , 41, 997-1004	9.6	21
198	POLYPOIDAL CHOROIDAL VASCULOPATHY FEATURES VARY ACCORDING TO SUBFOVEAL CHOROIDAL THICKNESS. <i>Retina</i> , 2021 , 41, 1084-1093	3.6	4
197	Association between retinal thickness variation and visual acuity change in neovascular age-related macular degeneration. <i>Clinical and Experimental Ophthalmology</i> , 2021 , 49, 430-438	2.4	2
196	Association of Choroidal Thickness with Intermediate Age-Related Macular Degeneration in a Japanese Population. <i>Ophthalmology Retina</i> , 2021 , 5, 528-535	3.8	4
195	Evolving treatment paradigms for PCV. <i>Eye</i> , 2021 ,	4.4	1
194	Influence of pigment epithelial detachment on visual acuity in neovascular age-related macular degeneration. <i>Survey of Ophthalmology</i> , 2021 , 66, 68-97	6.1	7
193	Patterns and Determinants of Choroidal Thickness in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Ophthalmology Retina</i> , 2021 , 5, 458-467	3.8	10

192	Diabetic Macular Ischemia: Influence of Optical Coherence Tomography Angiography Parameters on Changes in Functional Outcomes Over One Year 2021 , 62, 9		7
191	Quantitative OCT angiography of the retinal microvasculature and choriocapillaris in highly myopic eyes with myopic macular degeneration. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	6
190	Morphologic Predictors and Temporal Characteristics of Conversion from Nonexudative to Exudative Age-Related Macular Degeneration in the Fellow Eye. <i>Ophthalmology Retina</i> , 2021 , 5, 126-140 ^{3.8}		3
189	Efficacy of a novel personalised aflibercept monotherapy regimen based on polypoidal lesion closure in participants with polypoidal choroidal vasculopathy. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	5
188	Looking Ahead: Visual and Anatomical Endpoints in Future Trials of Diabetic Macular Ischemia. <i>Ophthalmologica</i> , 2021 , 244, 451-464	3.7	3
187	Patterns and Characteristics of a Clinical Implementation of a Self-Monitoring Program for Retina Diseases during the COVID-19 Pandemic. <i>Ophthalmology Retina</i> , 2021 , 5, 1245-1253	3.8	2
186	Multicentre, randomised clinical trial comparing intravitreal aflibercept monotherapy versus aflibercept combined with reduced-fluence photodynamic therapy (RF-PDT) for the treatment of polypoidal choroidal vasculopathy. <i>BMJ Open</i> , 2021 , 11, e050252	3	0
185	Deliberations of an International Panel of Experts on OCT Angiography Nomenclature of Neovascular Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2021 , 128, 1109-1112	7.3	7
184	Efficacy and safety of brolocizumab versus aflibercept in eyes with polypoidal choroidal vasculopathy in Japanese participants of HAWK. <i>British Journal of Ophthalmology</i> , 2021 ,	5.5	7
183	Correlation of choriocapillaris hemodynamic data from dynamic indocyanine green and optical coherence tomography angiography. <i>Scientific Reports</i> , 2021 , 11, 15580	4.9	1
182	Multimodal Imaging Comparison of Polypoidal Choroidal Vasculopathy Between Asian and Caucasian Populations. <i>American Journal of Ophthalmology</i> , 2021 , 234, 108-116	4.9	0
181	Reply. <i>Ophthalmology Retina</i> , 2021 , 5, e41-e42	3.8	
180	Identifying the content for an item bank and computerized adaptive testing system to measure the impact of age-related macular degeneration on health-related quality of life. <i>Quality of Life Research</i> , 2021 , 1	3.7	
179	CORRELATION BETWEEN ATROPHY-TRACTION-NEOVASCULARIZATION GRADE FOR MYOPIC MACULOPATHY AND CLINICAL SEVERITY. <i>Retina</i> , 2021 , 41, 1867-1873	3.6	1
178	COVID-19-Related Retinal Micro-vasculopathy - A Review of Current Evidence. <i>American Journal of Ophthalmology</i> , 2021 , 235, 98-110	4.9	9
177	Non-ICGA treatment criteria for Suboptimal Anti-VEGF Response for Polypoidal Choroidal Vasculopathy: APOIS PCV Workgroup Report 2. <i>Ophthalmology Retina</i> , 2021 , 5, 945-953	3.8	4
176	Outer Retinal Layer Thickening Predicts the Onset of Exudative Neovascular Age-Related Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2021 , 231, 19-27	4.9	2
175	Efficacy and safety of intravitreal aflibercept for polypoidal choroidal vasculopathy: 96-week outcomes in the Japanese subgroup of the PLANET study. <i>Japanese Journal of Ophthalmology</i> , 2021 , 65, 344-353	2.6	1

174	Public Health Impact of Pathologic Myopia 2021 , 59-65		1
173	Digital Technology for AMD Management in the Post-COVID-19 New Normal. <i>Asia-Pacific Journal of Ophthalmology</i> , 2021 , 10, 39-48	3.5	8
172	Gene-Based Therapeutics for Acquired Retinal Disease: Opportunities and Progress.. <i>Frontiers in Genetics</i> , 2021 , 12, 795010	4.5	1
171	Diabetic macular ischaemia- a new therapeutic target?. <i>Progress in Retinal and Eye Research</i> , 2021 , 101033	3.5	3
170	Design, implementation, and evaluation of a nurse-led intravitreal injection programme for retinal diseases in Singapore. <i>Eye</i> , 2020 , 34, 2123-2130	4.4	2
169	Latest Developments in Polypoidal Choroidal Vasculopathy: Epidemiology, Etiology, Diagnosis, and Treatment. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020 , 9, 260-268	3.5	5
168	Cataract Surgery and the 6-year Incidence of Age-Related Macular Degeneration in a Multiethnic Asian Cohort. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020 , 9, 130-136	3.5	1
167	Prevalence and Pattern of Geographic Atrophy in Asia: The Asian Eye Epidemiology Consortium. <i>Ophthalmology</i> , 2020 , 127, 1371-1381	7.3	13
166	Investigating the Role of PPAR α in Retinal Vascular Remodeling Using α -Deficient Mice. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
165	The relationship between pigment epithelial detachment and visual outcome in neovascular age-related macular degeneration and polypoidal choroidal vasculopathy. <i>Eye</i> , 2020 , 34, 2257-2263	4.4	4
164	Real-world effectiveness and safety of ranibizumab for the treatment of myopic choroidal neovascularization: Results from the LUMINOUS study. <i>PLoS ONE</i> , 2020 , 15, e0227557	3.7	8
163	A serum metabolomics study of patients with nAMD in response to anti-VEGF therapy. <i>Scientific Reports</i> , 2020 , 10, 1341	4.9	1
162	High-Density Lipoprotein Cholesterol in Age-Related Ocular Diseases. <i>Biomolecules</i> , 2020 , 10,	5.9	5
161	Cost-effectiveness of Intravitreal Ranibizumab With Verteporfin Photodynamic Therapy Compared With Ranibizumab Monotherapy for Patients With Polypoidal Choroidal Vasculopathy. <i>JAMA Ophthalmology</i> , 2020 , 138, 251-259	3.9	5
160	COMPARISON OF MULTICOLOR IMAGING AND COLOR FUNDUS PHOTOGRAPHY IN THE DETECTION OF PATHOLOGICAL FINDINGS IN EYES WITH POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2020 , 40, 1512-1519	3.6	2
159	Real-World Treatment Outcomes of Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Asians. <i>Ophthalmology Retina</i> , 2020 , 4, 403-414	3.8	12
158	DIABETIC MACULAR ISCHEMIA: Correlation of Retinal Vasculature Changes by Optical Coherence Tomography Angiography and Functional Deficit. <i>Retina</i> , 2020 , 40, 2184-2190	3.6	16
157	Diabetic Macular Edema Management in Asian Population: Expert Panel Consensus Guidelines. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020 , 9, 426-434	3.5	6

156	Choroidal Venous Remodeling Documented by Long-Term Follow-up. <i>Retina</i> , 2020 , 40, e60-e61	3.6	2
155	VALIDATION OF THE RECENTLY DEVELOPED ATN CLASSIFICATION AND GRADING SYSTEM FOR MYOPIA MACULOPATHY. <i>Retina</i> , 2020 , 40, 2113-2118	3.6	9
154	Intraocular Pressure Changes and Vascular Endothelial Growth Factor Inhibitor Use in Various Retinal Diseases: Long-Term Outcomes in Routine Clinical Practice: Data from the Fight Retinal Blindness! Registry. <i>Ophthalmology Retina</i> , 2020 , 4, 861-870	3.8	3
153	Detrimental Effect of Delayed Re-treatment of Active Disease on Outcomes in Neovascular Age-Related Macular Degeneration: The RAMPS Study. <i>Ophthalmology Retina</i> , 2020 , 4, 871-880	3.8	9
152	Intravitreal Injection with a Conjunctival Injection Device: A Single-Center Experience. <i>Translational Vision Science and Technology</i> , 2020 , 9, 28	3.3	3
151	Differential reperfusion patterns in retinal vascular plexuses following increase in intraocular pressure an OCT angiography study. <i>Scientific Reports</i> , 2020 , 10, 16505	4.9	4
150	Comparison of Ranibizumab With or Without Verteporfin Photodynamic Therapy for Polypoidal Choroidal Vasculopathy: The EVEREST II Randomized Clinical Trial. <i>JAMA Ophthalmology</i> , 2020 , 138, 935-942	3.9	38
149	Six-Year Changes in Myopic Macular Degeneration in Adults of the Singapore Epidemiology of Eye Diseases Study 2020 , 61, 14		10
148	Influence of myopic macular degeneration severity on treatment outcomes with intravitreal aflibercept in the MYRROR study. <i>Acta Ophthalmologica</i> , 2019 , 97, e729-e735	3.7	5
147	CHARACTERIZATION OF THE CHOROIDAL VASCULATURE IN MYOPIA MACULOPATHY WITH OPTICAL COHERENCE TOMOGRAPHIC ANGIOGRAPHY. <i>Retina</i> , 2019 , 39, 1742-1750	3.6	17
146	IMPROVED DETECTION AND DIAGNOSIS OF POLYPOIDAL CHOROIDAL VASCULOPATHY USING A COMBINATION OF OPTICAL COHERENCE TOMOGRAPHY AND OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. <i>Retina</i> , 2019 , 39, 1655-1663	3.6	25
145	Efficacy and Safety of Intravitreal Aflibercept for Polypoidal Choroidal Vasculopathy: Two-Year Results of the Aflibercept in Polypoidal Choroidal Vasculopathy Study. <i>American Journal of Ophthalmology</i> , 2019 , 204, 80-89	4.9	47
144	Vascular Response to Sildenafil Citrate in Aging and Age-Related Macular Degeneration. <i>Scientific Reports</i> , 2019 , 9, 5049	4.9	12
143	Diagnosing Polypoidal Choroidal Vasculopathy Without Indocyanine Green Angiography. <i>JAMA Ophthalmology</i> , 2019 , 137, 667-668	3.9	1
142	Polypoidal Choroidal Vasculopathy: Outer Retinal and Choroidal Changes and Neovascularization Development in the Fellow Eye 2019 , 60, 590-598		9
141	Update in myopia and treatment strategy of atropine use in myopia control. <i>Eye</i> , 2019 , 33, 3-13	4.4	65
140	Pachychoroid disease. <i>Eye</i> , 2019 , 33, 14-33	4.4	247
139	Global Assessment of Retinal Arteriolar, Venular and Capillary Microcirculations Using Fundus Photographs and Optical Coherence Tomography Angiography in Diabetic Retinopathy. <i>Scientific Reports</i> , 2019 , 9, 11751	4.9	12

138	Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. <i>PLoS ONE</i> , 2019 , 14, e0220143	3.7	5
137	The Evolution of Fibrosis and Atrophy and Their Relationship with Visual Outcomes in Asian Persons with Neovascular Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2019 , 3, 1045-1053	3.8	16
136	Apratoxin S4 Inspired by a Marine Natural Product, a New Treatment Option for Ocular Angiogenic Diseases 2019 , 60, 3254-3263		6
135	Correlation of axial length and myopic macular degeneration to levels of molecular factors in the aqueous. <i>Scientific Reports</i> , 2019 , 9, 15708	4.9	8
134	Macular Vessel Density Measured With Optical Coherence Tomography Angiography and Its Associations in a Large Population-Based Study 2019 , 60, 4830-4837		38
133	A Multicountry Comparison of Real-World Management and Outcomes of Polypoidal Choroidal Vasculopathy: Fight Retinal Blindness! Cohort. <i>Ophthalmology Retina</i> , 2019 , 3, 220-229	3.8	9
132	Imaging in myopia: potential biomarkers, current challenges and future developments. <i>British Journal of Ophthalmology</i> , 2019 , 103, 855-862	5.5	33
131	ZIKA-RELATED MACULOPATHY. <i>Retinal Cases and Brief Reports</i> , 2019 , 13, 171-173	1.1	19
130	EFFICACY AND SAFETY OF INTRAVITREAL AFLIBERCEPT AND RANIBIZUMAB IN ASIAN PATIENTS WITH NEOVASCULAR AGE-RELATED MACULAR DEGENERATION: Subgroup Analyses From the VIEW Trials. <i>Retina</i> , 2019 , 39, 537-547	3.6	7
129	Polypoidal Choroidal Vasculopathy: Definition, Pathogenesis, Diagnosis, and Management. <i>Ophthalmology</i> , 2018 , 125, 708-724	7.3	187
128	Optical coherence tomography angiography: a review of current and future clinical applications. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 237-245	3.8	90
127	Efficacy and Safety of Intravitreal Aflibercept for Polypoidal Choroidal Vasculopathy in the PLANET Study: A Randomized Clinical Trial. <i>JAMA Ophthalmology</i> , 2018 , 136, 786-793	3.9	121
126	Diabetic macular oedema: evidence-based treatment recommendations for Asian countries. <i>Clinical and Experimental Ophthalmology</i> , 2018 , 46, 75-86	2.4	11
125	Change in vision-related quality of life and influencing factors in Asians receiving treatment for neovascular age-related macular degeneration. <i>British Journal of Ophthalmology</i> , 2018 , 102, 377-382	5.5	6
124	CHOROIDAL VASCULAR HYPERPERMEABILITY AS A PREDICTOR OF TREATMENT RESPONSE FOR POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2018 , 38, 1509-1517	3.6	30
123	Diagnosis and treatment guideline for myopic choroidal neovascularization due to pathologic myopia. <i>Progress in Retinal and Eye Research</i> , 2018 , 63, 92-106	20.5	60
122	Gender variation in central serous chorioretinopathy. <i>Eye</i> , 2018 , 32, 1703-1709	4.4	4
121	Clinical Use of Optical Coherence Tomography Angiography in Diabetic Retinopathy Treatment: Ready for Showtime?. <i>JAMA Ophthalmology</i> , 2018 , 136, 729-730	3.9	11

120	Human pharyngeal microbiota in age-related macular degeneration. <i>PLoS ONE</i> , 2018 , 13, e0201768	3.7	19
119	Incidence of Fellow Eye Involvement in Patients With Unilateral Exudative Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2018 , 136, 905-911	3.9	21
118	Six-Year Incidence and Risk Factors of Age-Related Macular Degeneration in Singaporean Indians: The Singapore Indian Eye Study. <i>Scientific Reports</i> , 2018 , 8, 8869	4.9	7
117	Choroidal biomarkers. <i>Indian Journal of Ophthalmology</i> , 2018 , 66, 1716-1726	1.6	23
116	COMPARISON OF OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHIC CHANGES AFTER ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR THERAPY ALONE OR IN COMBINATION WITH PHOTODYNAMIC THERAPY IN POLYPOIDAL CHOROIDDAL VASCULOPATHY. <i>Retina</i> , 2018 , 38, 1675-1687	3.6	17
115	Hidden messages in optical coherence tomography: looking beyond fluid. <i>Annals of Eye Science</i> , 2018 , 3, 56-56	0.9	2
114	Pediatric Uveitis. <i>Asia-Pacific Journal of Ophthalmology</i> , 2018 , 7, 192-199	3.5	20
113	Advances in Retinal Imaging and Applications in Diabetic Retinopathy Screening: A Review. <i>Ophthalmology and Therapy</i> , 2018 , 7, 333-346	5	49
112	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. <i>Nature Communications</i> , 2018 , 9, 4433	17.4	127
111	Prevalence, Risk Factors, and Impact of Myopic Macular Degeneration on Visual Impairment and Functioning Among Adults in Singapore 2018 , 59, 4603-4613		57
110	Correlation of Color Fundus Photograph Grading with Risks of Early Age-related Macular Degeneration by using Automated OCT-derived Drusen Measurements. <i>Scientific Reports</i> , 2018 , 8, 12937	4.9	9
109	Association between Choroidal Thickness and Drusen Subtypes in Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2018 , 2, 1196-1205	3.8	41
108	A novel model of persistent retinal neovascularization for the development of sustained anti-VEGF therapies. <i>Experimental Eye Research</i> , 2018 , 174, 98-106	3.7	22
107	HbA1c, systolic blood pressure variability and diabetic retinopathy in Asian type 2 diabetics. <i>Journal of Diabetes</i> , 2017 , 9, 200-207	3.8	31
106	Systemic, Ocular and Genetic Risk Factors for Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Singaporeans. <i>Scientific Reports</i> , 2017 , 7, 41386	4.9	22
105	The impact of typical neovascular age-related macular degeneration and polypoidal choroidal vasculopathy on vision-related quality of life in Asian patients. <i>British Journal of Ophthalmology</i> , 2017 , 101, 591-596	5.5	14
104	Optical Coherence Tomographic Angiography in Type 2 Diabetes and Diabetic Retinopathy. <i>JAMA Ophthalmology</i> , 2017 , 135, 306-312	3.9	118
103	Characterization of Choroidal Morphologic and Vascular Features in Young Men With High Myopia Using Spectral-Domain Optical Coherence Tomography. <i>American Journal of Ophthalmology</i> , 2017 , 177, 27-33	4.9	48

102	Characterisation of choroidal morphological and vascular features in diabetes and diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1038-1044	5.5	24
101	Retinal angiomatous proliferation. <i>Survey of Ophthalmology</i> , 2017 , 62, 462-492	6.1	42
100	Six-Year Incidence of Age-Related Macular Degeneration in Asian Malays: The Singapore Malay Eye Study. <i>Ophthalmology</i> , 2017 , 124, 1305-1313	7.3	26
99	Singapore Indian Eye Study-2: methodology and impact of migration on systemic and eye outcomes. <i>Clinical and Experimental Ophthalmology</i> , 2017 , 45, 779-789	2.4	49
98	CHOROIDAL VASCULARITY INDEX: A Novel Optical Coherence Tomography Based Parameter in Patients With Exudative Age-Related Macular Degeneration. <i>Retina</i> , 2017 , 37, 1120-1125	3.6	77
97	Targeting key angiogenic pathways with a bispecific CrossMAb optimized for neovascular eye diseases. <i>EMBO Molecular Medicine</i> , 2017 , 9, 985	12	4
96	CHARACTERIZATION AND DIFFERENTIATION OF POLYPOIDAL CHOROIDAL VASCULOPATHY USING SWEEP SOURCE OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. <i>Retina</i> , 2017 , 37, 1464-1474	3.6	35
95	Ethnic Differences in the Association Between Age-Related Macular Degeneration and Vision-Specific Functioning. <i>JAMA Ophthalmology</i> , 2017 , 135, 469-476	3.9	4
94	Prevalence and Risk Factors for Nonexudative Neovascularization in Fellow Eyes of Patients With Unilateral Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy 2017 , 58, 3488-3495		35
93	Urinary Isoprostane Levels and Age-Related Macular Degeneration 2017 , 58, 2538-2543		8
92	Shared genetic variants for polypoidal choroidal vasculopathy and typical neovascular age-related macular degeneration in East Asians. <i>Journal of Human Genetics</i> , 2017 , 62, 1049-1055	4.3	26
91	Choroidal Remodeling in Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy: A 12-month Prospective Study. <i>Scientific Reports</i> , 2017 , 7, 7868	4.9	28
90	Plasma lipoprotein subfraction concentrations are associated with lipid metabolism and age-related macular degeneration. <i>Journal of Lipid Research</i> , 2017 , 58, 1785-1796	6.3	16
89	A genome-wide association study identified a novel genetic loci STON1-GTF2A1L/LHCGR/FSHR for bilaterality of neovascular age-related macular degeneration. <i>Scientific Reports</i> , 2017 , 7, 7173	4.9	6
88	Development and Validation of a Deep Learning System for Diabetic Retinopathy and Related Eye Diseases Using Retinal Images From Multiethnic Populations With Diabetes. <i>JAMA - Journal of the American Medical Association</i> , 2017 , 318, 2211-2223	27.4	838
87	Myopic Choroidal Neovascularization: Review, Guidance, and Consensus Statement on Management. <i>Ophthalmology</i> , 2017 , 124, 1690-1711	7.3	61
86	DETAILED CHARACTERIZATION OF CHOROIDAL MORPHOLOGIC AND VASCULAR FEATURES IN AGE-RELATED MACULAR DEGENERATION AND POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2017 , 37, 2269-2280	3.6	31
85	In Response to: "Woo JH, Lim WK, Ho SL, et al. Characteristics of Cytomegalovirus Uveitis in Immunocompetent Patients". <i>Ocular Immunology and Inflammation</i> , 2017 , 25, 533-534	2.8	4

84	HDL-cholesterol levels and risk of age-related macular degeneration: a multiethnic genetic study using Mendelian randomization. <i>International Journal of Epidemiology</i> , 2017 , 46, 1891-1902	7.8	45
83	Intravitreal Aflibercept Versus Photodynamic Therapy in Chinese Patients with Neovascular Age-Related Macular Degeneration: Outcomes of the SIGHT Study. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017 , 33, 435-444	2.6	3
82	Recommended Guidelines for Use of Intravitreal Aflibercept With a Treat-and-Extend Regimen for the Management of Neovascular Age-Related Macular Degeneration in the Asia-Pacific Region: Report From a Consensus Panel. <i>Asia-Pacific Journal of Ophthalmology</i> , 2017 , 6, 296-302	3.5	12
81	Updates on the Epidemiology of Age-Related Macular Degeneration. <i>Asia-Pacific Journal of Ophthalmology</i> , 2017 , 6, 493-497	3.5	69
80	Anti-VEGF Therapy for Neovascular AMD and Polypoidal Choroidal Vasculopathy. <i>Asia-Pacific Journal of Ophthalmology</i> , 2017 , 6, 527-534	3.5	20
79	Anti-Vascular Endothelial Growth Factor Therapy for Myopic Choroidal Neovascularization. <i>Asia-Pacific Journal of Ophthalmology</i> , 2017 , 6, 554-560	3.5	3
78	Is Choroidal or Scleral Thickness Related to Myopic Macular Degeneration? 2017 , 58, 907-913		53
77	Angiogenesis-Based Therapies for Eye Diseases 2017 , 259-297		2
76	Prevalence and risk factors for epiretinal membrane: the Singapore Epidemiology of Eye Disease study. <i>British Journal of Ophthalmology</i> , 2017 , 101, 371-376	5.5	48
75	Activation of Cytomegalovirus corneal endotheliitis following laser in situ keratomileusis. <i>BMJ Case Reports</i> , 2016 , 2016,	0.9	6
74	Visual Impairment in Old and Very Old Community-dwelling Asian Adults. <i>Ophthalmology</i> , 2016 , 123, 2436-2438	7.3	8
73	Diabetic retinopathy. <i>Nature Reviews Disease Primers</i> , 2016 , 2, 16012	51.1	367
72	Choroidal vascularity index as a measure of vascular status of the choroid: Measurements in healthy eyes from a population-based study. <i>Scientific Reports</i> , 2016 , 6, 21090	4.9	269
71	Spectral Domain Optical Coherence Tomography Features and Classification Systems for Diabetic Macular Edema: A Review. <i>Asia-Pacific Journal of Ophthalmology</i> , 2016 , 5, 360-7	3.5	18
70	Defining a Minimum Set of Standardized Patient-centered Outcome Measures for Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2016 , 168, 1-12	4.9	73
69	Plasma Metabonomic Profiling of Diabetic Retinopathy. <i>Diabetes</i> , 2016 , 65, 1099-108	0.9	68
68	Choroidal Thickness Changes in Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy: A 12-Month Prospective Study. <i>American Journal of Ophthalmology</i> , 2016 , 164, 128-36.e1	4.9	59
67	Increased Burden of Vision Impairment and Eye Diseases in Persons with Chronic Kidney Disease - A Population-Based Study. <i>EBioMedicine</i> , 2016 , 5, 193-7	8.8	31

66	Updates of pathologic myopia. <i>Progress in Retinal and Eye Research</i> , 2016 , 52, 156-87	20.5	247
65	Relationship Between Peripapillary Choroid and Retinal Nerve Fiber Layer Thickness in a Population-Based Sample of Nonglaucomatous Eyes. <i>American Journal of Ophthalmology</i> , 2016 , 161, 4-11.e1-2	4.9	18
64	Prevalence and clinical correlates of focal choroidal excavation in eyes with age-related macular degeneration, polypoidal choroidal vasculopathy and central serous chorioretinopathy. <i>British Journal of Ophthalmology</i> , 2016 , 100, 918-923	5.5	31
63	Choroidal Structural Changes in Myopic Choroidal Neovascularization After Treatment With Antivascular Endothelial Growth Factor Over 1 Year 2016 , 57, 4933-4939		26
62	MYOPIC RETINOSCHISIS IN ASIANS: Structural Features and Determinants of Visual Acuity and Prognostic Factors for Progression. <i>Retina</i> , 2016 , 36, 717-26	3.6	13
61	Epidemiology and Diagnosis of Myopic Choroidal Neovascularization in Asia. <i>Eye and Contact Lens</i> , 2016 , 42, 48-55	3.2	31
60	Choroidal thickness does not predict visual acuity in young high myopes. <i>Acta Ophthalmologica</i> , 2016 , 94, e709-e715	3.7	14
59	Management of Myopic Choroidal Neovascularization: Focus on Anti-VEGF Therapy. <i>Drugs</i> , 2016 , 76, 1119-33	12.1	7
58	Relationship of ocular and systemic factors to the visibility of choroidal-scleral interface using spectral domain optical coherence tomography. <i>Acta Ophthalmologica</i> , 2016 , 94, e142-9	3.7	16
57	Targeting key angiogenic pathways with a bispecific CrossMAb optimized for neovascular eye diseases. <i>EMBO Molecular Medicine</i> , 2016 , 8, 1265-1288	12	111
56	MYOPIC CHOROIDAL NEOVASCULARIZATION: Diagnosis and Treatment. <i>Retina</i> , 2016 , 36, 1614-21	3.6	25
55	Speckle Reduction in 3D Optical Coherence Tomography of Retina by A-Scan Reconstruction. <i>IEEE Transactions on Medical Imaging</i> , 2016 , 35, 2270-2279	11.7	44
54	Age-related macular degeneration and polypoidal choroidal vasculopathy in Asians. <i>Progress in Retinal and Eye Research</i> , 2016 , 53, 107-139	20.5	205
53	A missense variant in FGD6 confers increased risk of polypoidal choroidal vasculopathy. <i>Nature Genetics</i> , 2016 , 48, 640-7	36.3	47
52	Clinical Relevance and Application of the Age-Related Eye Disease Study Severity Scale for Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2016 , 134, 1047-8	3.9	4
51	Diabetic retinopathy: global prevalence, major risk factors, screening practices and public health challenges: a review. <i>Clinical and Experimental Ophthalmology</i> , 2016 , 44, 260-77	2.4	404
50	The natural history of polypoidal choroidal vasculopathy: a multi-center series of untreated Asian patients. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2015 , 253, 2075-85	3.8	40
49	Whole-exome sequencing implicates UBE3D in age-related macular degeneration in East Asian populations. <i>Nature Communications</i> , 2015 , 6, 6687	17.4	29

48	Relationship of systemic endothelial function and peripheral arterial stiffness with diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2015 , 99, 837-41	5.5	14
47	Distribution and determinants of choroidal thickness and volume using automated segmentation software in a population-based study. <i>American Journal of Ophthalmology</i> , 2015 , 159, 293-301.e3	4.9	55
46	Impact of Visual Impairment and Eye diseases on Mortality: the Singapore Malay Eye Study (SiMES). <i>Scientific Reports</i> , 2015 , 5, 16304	4.9	31
45	IMPROVED SPECIFICITY OF POLYPOIDAL CHOROIDAL VASCULOPATHY DIAGNOSIS USING A MODIFIED EVEREST CRITERIA. <i>Retina</i> , 2015 , 35, 1375-80	3.6	25
44	Comparison of swept source optical coherence tomography and spectral domain optical coherence tomography in polypoidal choroidal vasculopathy. <i>Clinical and Experimental Ophthalmology</i> , 2015 , 43, 815-9	2.4	33
43	THREE-YEAR RESULTS OF POLYPOIDAL CHOROIDAL VASCULOPATHY TREATED WITH PHOTODYNAMIC THERAPY: Retrospective Study and Systematic Review. <i>Retina</i> , 2015 , 35, 1577-93	3.6	49
42	Polypoidal Choroidal Vasculopathy in Asians. <i>Journal of Clinical Medicine</i> , 2015 , 4, 782-821	5.1	60
41	Conversion to aflibercept for diabetic macular edema unresponsive to ranibizumab or bevacizumab. <i>Clinical Ophthalmology</i> , 2015 , 9, 1715-8	2.5	44
40	Lens status influences the association between CFH polymorphisms and age-related macular degeneration: findings from two population-based studies in Singapore. <i>PLoS ONE</i> , 2015 , 10, e0119570	3.7	2
39	Serum leptin and age-related macular degeneration 2015 , 56, 1880-6		10
38	Incidence of myocardial infarction, stroke, and death in patients with age-related macular degeneration treated with intravitreal anti-vascular endothelial growth factor therapy. <i>American Journal of Ophthalmology</i> , 2015 , 159, 557-64.e1	4.9	25
37	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , 2015 , 6, 6063	17.4	118
36	International photographic classification and grading system for myopic maculopathy. <i>American Journal of Ophthalmology</i> , 2015 , 159, 877-83.e7	4.9	351
35	Differences in the topographic profiles of retinal thickening in eyes with and without serous macular detachment associated with diabetic macular oedema. <i>British Journal of Ophthalmology</i> , 2014 , 98, 182-7	5.5	14
34	Comparison of exudative age-related macular degeneration subtypes in Japanese and French Patients: multicenter diagnosis with multimodal imaging. <i>American Journal of Ophthalmology</i> , 2014 , 158, 309-318.e2	4.9	70
33	Comparison of spectral domain and swept-source optical coherence tomography in pathological myopia. <i>Eye</i> , 2014 , 28, 488-91	4.4	42
32	Dynamic responses in retinal vessel caliber with flicker light stimulation in eyes with diabetic retinopathy 2014 , 55, 5207-13		31
31	Retinal vascular caliber and age-related macular degeneration in an Indian population from Singapore. <i>Ophthalmic Epidemiology</i> , 2014 , 21, 224-9	1.9	5

30	cnvCapSeq: detecting copy number variation in long-range targeted resequencing data. <i>Nucleic Acids Research</i> , 2014 , 42, e158	20.1	8
29	Understanding indocyanine green angiography in polypoidal choroidal vasculopathy: the group experience with digital fundus photography and confocal scanning laser ophthalmoscopy. <i>Retina</i> , 2014 , 34, 2397-406	3.6	28
28	Polypoidal choroidal vasculopathy and systemic lupus erythematosus. <i>Lupus</i> , 2014 , 23, 319-22	2.6	6
27	Trends in age-related macular degeneration management in Singapore. <i>Optometry and Vision Science</i> , 2014 , 91, 872-7	2.1	9
26	Ethnic variation in early age-related macular degeneration lesions between white Australians and Singaporean Asians 2014 , 55, 4421-9		16
25	Global prevalence of age-related macular degeneration and disease burden projection for 2020 and 2040: a systematic review and meta-analysis. <i>The Lancet Global Health</i> , 2014 , 2, e106-16	13.6	2052
24	Prevalence, racial variations, and risk factors of age-related macular degeneration in Singaporean Chinese, Indians, and Malays. <i>Ophthalmology</i> , 2014 , 121, 1598-603	7.3	63
23	A prospective study of treatment patterns and 1-year outcome of Asian age-related macular degeneration and polypoidal choroidal vasculopathy. <i>PLoS ONE</i> , 2014 , 9, e101057	3.7	37
22	Public Health Impact of Pathologic Myopia 2014 , 75-81		3
21	Prevalence and risk factors for age-related macular degeneration in Indians: a comparative study in Singapore and India. <i>American Journal of Ophthalmology</i> , 2013 , 155, 764-73, 773.e1-3	4.9	35
20	Six-month visual prognosis in eyes with submacular hemorrhage secondary to age-related macular degeneration or polypoidal choroidal vasculopathy. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2013 , 251, 19-25	3.8	20
19	Argon laser with and without anti-vascular endothelial growth factor therapy for extrafoveal polypoidal choroidal vasculopathy. <i>American Journal of Ophthalmology</i> , 2013 , 155, 295-304.e1	4.9	29
18	Treatment of age-related macular degeneration. <i>Lancet, The</i> , 2013 , 382, 1230-2	4.0	22
17	Asian Age-Related Macular Degeneration: Current Concepts and Gaps in Knowledge. <i>Asia-Pacific Journal of Ophthalmology</i> , 2013 , 2, 32-41	3.5	24
16	Choroidal thickness and risk characteristics of eyes with myopic choroidal neovascularization. <i>Acta Ophthalmologica</i> , 2013 , 91, e580-1	3.7	31
15	Asian age-related macular degeneration phenotyping study: rationale, design and protocol of a prospective cohort study. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 727-35	2.4	38
14	Posterior scleritis in children: clinical features and treatment. <i>Ophthalmology</i> , 2012 , 119, 59-65	7.3	34
13	Choroidal neovascularization in pathological myopia. <i>Progress in Retinal and Eye Research</i> , 2012 , 31, 495-505		167

12	Early age-related macular degeneration detection by focal biologically inspired feature 2012 ,		17
11	Automatic localization of retinal landmarks. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2012 , 2012, 4954-7	0.9	3
10	Automatic fovea detection in retinal fundus images 2012 ,		3
9	Prevalence of and risk factors for age-related macular degeneration in a multiethnic Asian cohort. <i>JAMA Ophthalmology</i> , 2012 , 130, 480-6		66
8	Aqueous cytokine changes associated with Posner-Schlossman syndrome with and without human cytomegalovirus. <i>PLoS ONE</i> , 2012 , 7, e44453	3.7	32
7	Expression profile of inflammatory cytokines in aqueous from glaucomatous eyes. <i>Molecular Vision</i> , 2012 , 18, 431-8	2.3	89
6	Comparison of aqueous humor cytokine and chemokine levels in diabetic patients with and without retinopathy. <i>Molecular Vision</i> , 2012 , 18, 830-7	2.3	65
5	Retinal arteriolar wall signs and early age-related macular degeneration: the singapore malay eye study. <i>American Journal of Ophthalmology</i> , 2011 , 152, 108-113.e1	4.9	5
4	Relationship of smoking and cardiovascular risk factors with polypoidal choroidal vasculopathy and age-related macular degeneration in Chinese persons. <i>Ophthalmology</i> , 2011 , 118, 846-52	7.3	52
3	Photoreceptor changes in acute and resolved acute posterior multifocal placoid pigment epitheliopathy documented by spectral-domain optical coherence tomography. <i>JAMA Ophthalmology</i> , 2010 , 128, 644-6		25
2	Anti-retinal autoantibodies-positive autoimmune retinopathy in cytomegalovirus-positive anterior uveitis. <i>British Journal of Ophthalmology</i> , 2010 , 94, 380-1	5.5	2
1	Combined intravitreal bevacizumab and argon laser treatment for Coats disease. <i>Acta Ophthalmologica</i> , 2010 , 88, e48-9	3.7	17