

# Chui Ming Gemmy Cheung

List of Publications by Year  
in descending order

Source: <https://exaly.com/author-pdf/8788364/publications.pdf>

Version: 2024-02-01

249

papers

16,621

citations

36303

51

h-index

19749

117

g-index

254

all docs

254

docs citations

254

times ranked

13713

citing authors

#	ARTICLE	IF	CITATIONS
1	Six-year incidence of age-related macular degeneration and correlation to OCT-derived drusen volume measurements in a Chinese population. British Journal of Ophthalmology, 2023, 107, 392-398.	3.9	3
2	Combining retinal and choroidal microvascular metrics improves discriminative power for diabetic retinopathy. British Journal of Ophthalmology, 2023, 107, 993-999.	3.9	11
3	Longer treatment intervals are associated with reduced treatment persistence in neovascular age related macular degeneration. Eye, 2023, 37, 467-473.	2.1	4
4	Efficacy, safety, and treatment burden of treat-and-extend versus alternative anti-VEGF regimens for nAMD: a systematic review and meta-analysis. Eye, 2023, 37, 6-16.	2.1	18
5	Quantitative OCT angiography of the retinal microvasculature and choriocapillaris in highly myopic eyes with myopic macular degeneration. British Journal of Ophthalmology, 2022, 106, 681-688.	3.9	11
6	Efficacy of a novel personalised aflibercept monotherapy regimen based on polypoidal lesion closure in participants with polypoidal choroidal vasculopathy. British Journal of Ophthalmology, 2022, 106, 987-993.	3.9	12
7	Retinal microvascular signs in COVID-19. British Journal of Ophthalmology, 2022, 106, 1308-1312.	3.9	33
8	Computer-aided detection and abnormality score for the outer retinal layer in optical coherence tomography. British Journal of Ophthalmology, 2022, 106, 1301-1307.	3.9	4
9	Venous overload choroidopathy: A hypothetical framework for central serous chorioretinopathy and allied disorders. Progress in Retinal and Eye Research, 2022, 86, 100973.	15.5	133
10	THE IMPACT OF DISEASE ACTIVITY ON 5-YEAR OUTCOMES IN PATIENTS UNDERGOING TREATMENT FOR NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. Retina, 2022, 42, 95-106.	1.7	6
11	Evolving treatment paradigms for PCV. Eye, 2022, 36, 257-265.	2.1	23
12	Efficacy and safety of brolucizumab versus aflibercept in eyes with polypoidal choroidal vasculopathy in Japanese participants of HAWK. British Journal of Ophthalmology, 2022, 106, 994-999.	3.9	34
13	OPTICAL COHERENCE TOMOGRAPHY FEATURES OF POLYPOIDAL LESION CLOSURE IN POLYPOIDAL CHOROIDAL VASCULOPATHY TREATED WITH AFLIBERCEPT. Retina, 2022, 42, 114-122.	1.7	4
14	Multimodal Imaging Comparison of Polypoidal Choroidal Vasculopathy Between Asian and Caucasian Populations. American Journal of Ophthalmology, 2022, 234, 108-116.	3.3	10
15	COVID-19-Related Retinal Micro-vasculopathy – A Review of Current Evidence. American Journal of Ophthalmology, 2022, 235, 98-110.	3.3	45
16	Real-world cost-effectiveness of anti-VEGF monotherapy and combination therapy for the treatment of polypoidal choroidal vasculopathy. Eye, 2022, 36, 2265-2270.	2.1	2
17	Infographic: Everest II study – Which is superior? Combination therapy or monotherapy for polypoidal choroidal vasculopathy (PCV) treatment. Eye, 2022, , .	2.1	1
18	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. Lancet, The, 2022, 399, 729-740.	13.7	190

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19	Infographic: “Planet Trial: Intravitreal aflibercept monotherapy for polypoidal choroidal vasculopathy (PCV)” Eye, 2022, , .	2.1	0
20	Infographic: non-ICGA imaging for polypoidal choroidal vasculopathy (PCV) “Asia-Pacific Ocular Imaging Society PCV workgroup report 1 & 2. Eye, 2022, , .	2.1	0
21	Novel volumetric imaging biomarkers for assessing disease activity in eyes with PCV. Scientific Reports, 2022, 12, 2993.	3.3	4
22	Hyaluronidase-1-mediated glycocalyx impairment underlies endothelial abnormalities in polypoidal choroidal vasculopathy. BMC Biology, 2022, 20, 47.	3.8	3
23	Three-dimensional modelling of the choroidal angioarchitecture in a multi-ethnic Asian population. Scientific Reports, 2022, 12, 3831.	3.3	6
24	Serum Cholesterol Efflux Capacity in Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy. Ophthalmology Science, 2022, , 100142.	2.5	0
25	PREVALENCE AND CHARACTERISTICS OF MULTIFOCAL CHOROIDITIS/PUNCTATE INNER CHOROIDOPATHY IN PATHOLOGIC MYOPIA EYES WITH PATCHY ATROPHY. Retina, 2022, 42, 669-678.	1.7	11
26	Clinical impact of the worldwide shortage of verteporfin (Visudyne®) on ophthalmic care. Acta Ophthalmologica, 2022, 100, .	1.1	42
27	Diabetic macular ischaemia- a new therapeutic target?. Progress in Retinal and Eye Research, 2022, 89, 101033.	15.5	34
28	Correlation of Optical Coherence Tomography Angiography Characteristics with Visual Function to Define Vision-Threatening Diabetic Macular Ischemia. Diagnostics, 2022, 12, 1050.	2.6	3
29	Normative data and associations of Optical Coherence Tomography Angiography measurements of the macula: The Singapore Malay Eye Study. Ophthalmology Retina, 2022, , .	2.4	1
30	Different impact of early and late stages irreversible eye diseases on vision-specific quality of life domains. Scientific Reports, 2022, 12, 8465.	3.3	3
31	T and genetic variations between Asian and Caucasian polypoidal choroidal vasculopathy. British Journal of Ophthalmology, 2021, 105, 1716-1723.	3.9	8
32	Pachychoroid spectrum disease. Acta Ophthalmologica, 2021, 99, e806-e822.	1.1	38
33	Anti-retinal autoantibodies in myopic macular degeneration: a pilot study. Eye, 2021, 35, 2254-2259.	2.1	7
34	Detection of features associated with neovascular age-related macular degeneration in ethnically distinct data sets by an optical coherence tomography: trained deep learning algorithm. British Journal of Ophthalmology, 2021, 105, 1133-1139.	3.9	23
35	Highlights from the 2019 International Myopia Summit on “controversies in myopia”™. British Journal of Ophthalmology, 2021, 105, 1196-1202.	3.9	11
36	Influence of pigment epithelial detachment on visual acuity in neovascular age-related macular degeneration. Survey of Ophthalmology, 2021, 66, 68-97.	4.0	15

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37	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.	2.4	20
38	Diabetic Macular Ischemia: Influence of Optical Coherence Tomography Angiography Parameters on Changes in Functional Outcomes Over One Year. , 2021, 62, 9.		23
39	Impact of incident age-related macular degeneration and associated vision loss on vision-related quality of life. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2020-318269.	3.9	1
40	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.	2.4	11
41	Does COVID-19 infection leave a mark on the retinal vasculature?. <i>Canadian Journal of Ophthalmology</i> , 2021, 56, 4-5.	0.7	5
42	Looking Ahead: Visual and Anatomical Endpoints in Future Trials of Diabetic Macular Ischemia. <i>Ophthalmologica</i> , 2021, 244, 451-464.	1.9	12
43	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.	2.4	9
44	Watersheds and mini-watersheds. <i>Eye</i> , 2021, 35, 2449-2450.	2.1	2
45	Choroidal and Retinal Changes After Systemic Adrenaline and Photodynamic Therapy in Non-Human Primates. , 2021, 62, 25.		11
46	Macular neovascularization in eyes with pachydrusen. <i>Scientific Reports</i> , 2021, 11, 7495.	3.3	9
47	PULSATILE FILLING OF DILATED CHOROIDAL VESSELS IN MACULAR WATERSHED ZONES. <i>Retina</i> , 2021, 41, 2370-2377.	1.7	16
48	IMI Pathologic Myopia. , 2021, 62, 5.		140
49	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.	12.3	78
50	INTERVORTEX VENOUS ANASTOMOSIS IN Pachychoroid-RELATED DISORDERS. <i>Retina</i> , 2021, 41, 997-1004.	1.7	79
51	POLYPOIDAL CHOROIDAL VASCULOPATHY FEATURES VARY ACCORDING TO SUBFOVEAL CHOROIDAL THICKNESS. <i>Retina</i> , 2021, 41, 1084-1093.	1.7	10
52	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.	2.6	3
53	Association of Choroidal Thickness with Intermediate Age-Related Macular Degeneration in a Japanese Population. <i>Ophthalmology Retina</i> , 2021, 5, 528-535.	2.4	9
54	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.	1.9	3

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55	Deliberations of an International Panel of Experts on OCT Angiography Nomenclature of Neovascular Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2021, 128, 1109-1112.	5.2	16
56	Correlation of choriocapillaris hemodynamic data from dynamic indocyanine green and optical coherence tomography angiography. <i>Scientific Reports</i> , 2021, 11, 15580.	3.3	3
57	Reply. <i>Ophthalmology Retina</i> , 2021, 5, e41-e42.	2.4	0
58	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.	3.1	0
59	Prevalence of polypoidal choroidal vasculopathy using non-ICGA based criteria. <i>Ophthalmology Retina</i> , 2021, , .	2.4	1
60	CORRELATION BETWEEN ATROPHY-TRACTION-NEOVASCULARIZATION GRADE FOR MYOPIC MACULOPATHY AND CLINICAL SEVERITY. <i>Retina</i> , 2021, 41, 1867-1873.	1.7	9
61	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.	2.4	20
62	Outer Retinal Layer Thickening Predicts the Onset of Exudative Neovascular Age-Related Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2021, 231, 19-27.	3.3	10
63	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.	1.9	6
64	Public Health Impact of Pathologic Myopia. , 2021, , 59-65.		2
65	Digital Technology for AMD Management in the Post-COVID-19 New Normal. <i>Asia-Pacific Journal of Ophthalmology</i> , 2021, 10, 39-48.	2.5	18
66	RANIBIZUMAB WITH OR WITHOUT VERTEPORFIN PHOTODYNAMIC THERAPY FOR POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2021, 41, 387-392.	1.7	8
67	Editorial: Application of Optical Coherence Tomography Angiography in Retinal and Optic Nerve Disorders. <i>Frontiers in Neurology</i> , 2021, 12, 777156.	2.4	0
68	Macular Sensitivity and Capillary Perfusion in Highly Myopic Eyes with Myopic Macular Degeneration. <i>Retina</i> , 2021, Publish Ahead of Print, 529-539.	1.7	4
69	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, 507-518.	2.5	19
70	Gene-Based Therapeutics for Inherited Retinal Diseases. <i>Frontiers in Genetics</i> , 2021, 12, 794805.	2.3	24
71	Gene-Based Therapeutics for Acquired Retinal Disease: Opportunities and Progress. <i>Frontiers in Genetics</i> , 2021, 12, 795010.	2.3	13
72	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.	2.5	7

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73	Management of diabetic macular oedema: new insights and global implications of DRCR protocol V. <i>Eye</i> , 2020, 34, 999-1002.	2.1	4
74	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.	1.7	8
75	Real-World Treatment Outcomes of Age-Related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Asians. <i>Ophthalmology Retina</i> , 2020, 4, 403-414.	2.4	25
76	Comparison of vascular endothelial growth factor inhibitors on macular oedema secondary central retinal vein occlusion. <i>Eye</i> , 2020, 34, 221-222.	2.1	1
77	DIABETIC MACULAR ISCHEMIA. <i>Retina</i> , 2020, 40, 2184-2190.	1.7	31
78	Diabetic Macular Edema Management in Asian Population: Expert Panel Consensus Guidelines. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020, 9, 426-434.	2.5	19
79	Choroidal Venous Remodeling Documented by Long-Term Follow-up. <i>Retina</i> , 2020, 40, e60-e61.	1.7	4
80	VALIDATION OF THE RECENTLY DEVELOPED ATN CLASSIFICATION AND GRADING SYSTEM FOR MYOPIC MACULOPATHY. <i>Retina</i> , 2020, 40, 2113-2118.	1.7	25
81	Intraocular Pressure Changes and Vascular Endothelial Growth Factor Inhibitor Use in Various Retinal Diseases: Long-Term Outcomes in Routine Clinical Practice. <i>Ophthalmology Retina</i> , 2020, 4, 861-870.	2.4	14
82	Detrimental Effect of Delayed Re-treatment of Active Disease on Outcomes in Neovascular Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2020, 4, 871-880.	2.4	20
83	Extended intervals for wet AMD patients with high retreatment needs: informing the risk during COVID-19, data from real-world evidence. <i>Eye</i> , 2020, 35, 2793-2801.	2.1	16
84	Intravitreal Injection with a Conjunctival Injection Device: A Single-Center Experience. <i>Translational Vision Science and Technology</i> , 2020, 9, 28.	2.2	6
85	Differential reperfusion patterns in retinal vascular plexuses following increase in intraocular pressure an OCT angiography study. <i>Scientific Reports</i> , 2020, 10, 16505.	3.3	12
86	Comparison of Ranibizumab With or Without Verteporfin Photodynamic Therapy for Polypoidal Choroidal Vasculopathy. <i>JAMA Ophthalmology</i> , 2020, 138, 935.	2.5	93
87	Design, implementation, and evaluation of a nurse-led intravitreal injection programme for retinal diseases in Singapore. <i>Eye</i> , 2020, 34, 2123-2130.	2.1	5
88	Keeping our eyecare providers and patients safe during the COVID-19 pandemic. <i>Eye</i> , 2020, 34, 1161-1162.	2.1	13
89	Latest Developments in Polypoidal Choroidal Vasculopathy: Epidemiology, Etiology, Diagnosis, and Treatment. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020, 9, 260-268.	2.5	21
90	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.	2.5	5

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91	Prevalence and Pattern of Geographic Atrophy in Asia. <i>Ophthalmology</i> , 2020, 127, 1371-1381.	5.2	34
92	Investigating the Role of PPAR $\alpha$ in Retinal Vascular Remodeling Using Ppar $\alpha$ -Deficient Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4403.	4.1	6
93	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.	2.1	9
94	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.	2.5	18
95	A serum metabolomics study of patients with nAMD in response to anti-VEGF therapy. <i>Scientific Reports</i> , 2020, 10, 1341.	3.3	8
96	High-Density Lipoprotein Cholesterol in Age-Related Ocular Diseases. <i>Biomolecules</i> , 2020, 10, 645.	4.0	16
97	Six-Year Changes in Myopic Macular Degeneration in Adults of the Singapore Epidemiology of Eye Diseases Study. , 2020, 61, 14.		18
98	Update in myopia and treatment strategy of atropine use in myopia control. <i>Eye</i> , 2019, 33, 3-13.	2.1	135
99	Pachychoroid disease. <i>Eye</i> , 2019, 33, 14-33.	2.1	443
100	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.	3.3	30
101	Genetic variants linked to myopic macular degeneration in persons with high myopia: CREAM Consortium. <i>PLoS ONE</i> , 2019, 14, e0220143.	2.5	12
102	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, 1045-1055.	2.4	28
103	Apratoxin S4 Inspired by a Marine Natural Product, a New Treatment Option for Ocular Angiogenic Diseases. , 2019, 60, 3254.		12
104	Correlation of axial length and myopic macular degeneration to levels of molecular factors in the aqueous. <i>Scientific Reports</i> , 2019, 9, 15708.	3.3	13
105	Influence of myopic macular degeneration severity on treatment outcomes with intravitreal aflibercept in the <sc>MYRROR</sc> study. <i>Acta Ophthalmologica</i> , 2019, 97, e729-e735.	1.1	6
106	Asian perspective of eye diseases. <i>Eye</i> , 2019, 33, 1-2.	2.1	0
107	CHARACTERIZATION OF THE CHOROIDAL VASCULATURE IN MYOPIC MACULOPATHY WITH OPTICAL COHERENCE TOMOGRAPHIC ANGIOGRAPHY. <i>Retina</i> , 2019, 39, 1742-1750.	1.7	27
108	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.	1.7	39



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109	Efficacy and Safety of Intravitreal Aflibercept for Polypoidal Choroidal Vasculopathy: Two-Year Results of the Aflibercept in Polypoidal Choroidal Vasculopathy Study. American Journal of Ophthalmology, 2019, 204, 80-89.	3.3	70
110	Vascular Response to Sildenafil Citrate in Aging and Age-Related Macular Degeneration. Scientific Reports, 2019, 9, 5049.	3.3	20
111	Diagnosing Polypoidal Choroidal Vasculopathy Without Indocyanine Green Angiography. JAMA Ophthalmology, 2019, 137, 667.	2.5	1
112	Polypoidal Choroidal Vasculopathy: Outer Retinal and Choroidal Changes and Neovascularization Development in the Fellow Eye. , 2019, 60, 590.		17
113	Macular Vessel Density Measured With Optical Coherence Tomography Angiography and Its Associations in a Large Population-Based Study. , 2019, 60, 4830.		80
114	A Multicountry Comparison of Real-World Management and Outcomes of Polypoidal Choroidal Vasculopathy. Ophthalmology Retina, 2019, 3, 220-229.	2.4	16
115	Imaging in myopia: potential biomarkers, current challenges and future developments. British Journal of Ophthalmology, 2019, 103, 855-862.	3.9	57
116	ZIKA-RELATED MACULOPATHY. Retinal Cases and Brief Reports, 2019, 13, 171-173.	0.6	19
117	EFFICACY AND SAFETY OF INTRAVITREAL AFLIBERCEPT AND RANIBIZUMAB IN ASIAN PATIENTS WITH NEOVASCULAR AGE-RELATED MACULAR DEGENERATION. Retina, 2019, 39, 537-547.	1.7	8
118	Polypoidal Choroidal Vasculopathy. Ophthalmology, 2018, 125, 708-724.	5.2	282
119	Optical coherence tomography angiography: a review of current and future clinical applications. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 237-245.	1.9	120
120	Efficacy and Safety of Intravitreal Aflibercept for Polypoidal Choroidal Vasculopathy in the PLANET Study. JAMA Ophthalmology, 2018, 136, 786.	2.5	186
121	Diabetic macular oedema: evidence-based treatment recommendations for Asian countries. Clinical and Experimental Ophthalmology, 2018, 46, 75-86.	2.6	21
122	Change in vision-related quality of life and influencing factors in Asians receiving treatment for neovascular age-related macular degeneration. British Journal of Ophthalmology, 2018, 102, 377-382.	3.9	9
123	CHOROIDAL VASCULAR HYPERPERMEABILITY AS A PREDICTOR OF TREATMENT RESPONSE FOR POLYPOIDAL CHOROIDAL VASCULOPATHY. Retina, 2018, 38, 1509-1517.	1.7	46
124	Diagnosis and treatment guideline for myopic choroidal neovascularization due to pathologic myopia. Progress in Retinal and Eye Research, 2018, 63, 92-106.	15.5	125
125	COMPARISON OF OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHIC CHANGES AFTER ANTI-VEGF VASCULAR ENDOTHELIAL GROWTH FACTOR THERAPY ALONE OR IN COMBINATION WITH PHOTODYNAMIC THERAPY IN POLYPOIDAL CHOROIDAL VASCULOPATHY. Retina, 2018, 38, 1675-1687.	1.7	21
126	Hidden messages in optical coherence tomography: looking beyond fluid. Annals of Eye Science, 2018, 3, 56-56.	2.1	2



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127	Pediatric Uveitis. Asia-Pacific Journal of Ophthalmology, 2018, 7, 192-199.	2.5	27
128	Advances in Retinal Imaging and Applications in Diabetic Retinopathy Screening: A Review. Ophthalmology and Therapy, 2018, 7, 333-346.	2.3	86
129	Self-implantable double-layered micro-drug-reservoirs for efficient and controlled ocular drug delivery. Nature Communications, 2018, 9, 4433.	12.8	209
130	Prevalence, Risk Factors, and Impact of Myopic Macular Degeneration on Visual Impairment and Functioning Among Adults in Singapore. , 2018, 59, 4603.		92
131	Correlation of Color Fundus Photograph Grading with Risks of Early Age-related Macular Degeneration by using Automated OCT-derived Drusen Measurements. Scientific Reports, 2018, 8, 12937.	3.3	12
132	Association between Choroidal Thickness and Drusen Subtypes in Age-Related Macular Degeneration. Ophthalmology Retina, 2018, 2, 1196-1205.	2.4	65
133	A novel model of persistent retinal neovascularization for the development of sustained anti-VEGF therapies. Experimental Eye Research, 2018, 174, 98-106.	2.6	29
134	Gender variation in central serous chorioretinopathy. Eye, 2018, 32, 1703-1709.	2.1	12
135	Clinical Use of Optical Coherence Tomography Angiography in Diabetic Retinopathy Treatment. JAMA Ophthalmology, 2018, 136, 729.	2.5	12
136	Human pharyngeal microbiota in age-related macular degeneration. PLoS ONE, 2018, 13, e0201768.	2.5	23
137	Incidence of Fellow Eye Involvement in Patients With Unilateral Exudative Age-Related Macular Degeneration. JAMA Ophthalmology, 2018, 136, 905.	2.5	41
138	Six-Year Incidence and Risk Factors of Age-Related Macular Degeneration in Singaporean Indians: The Singapore Indian Eye Study. Scientific Reports, 2018, 8, 8869.	3.3	9
139	Choroidal biomarkers. Indian Journal of Ophthalmology, 2018, 66, 1716.	1.1	43
140	Prevalence and risk factors for epiretinal membrane: the Singapore Epidemiology of Eye Disease study. British Journal of Ophthalmology, 2017, 101, bjophthalmol-2016-308563.	3.9	72
141	HbA1c, systolic blood pressure variability and diabetic retinopathy in Asian type 2 diabetics. Journal of Diabetes, 2017, 9, 200-207.	1.8	40
142	Systemic, Ocular and Genetic Risk Factors for Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy in Singaporeans. Scientific Reports, 2017, 7, 41386.	3.3	29
143	The impact of typical neovascular age-related macular degeneration and polypoidal choroidal vasculopathy on vision-related quality of life in Asian patients. British Journal of Ophthalmology, 2017, 101, 591-596.	3.9	19
144	Optical Coherence Tomographic Angiography in Type 2 Diabetes and Diabetic Retinopathy. JAMA Ophthalmology, 2017, 135, 306.	2.5	151

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145	Characterization of Choroidal Morphologic and Vascular Features in Young Men With High Myopia Using Spectral-Domain Optical Coherence Tomography. American Journal of Ophthalmology, 2017, 177, 27-33.	3.3	75
146	Characterisation of choroidal morphological and vascular features in diabetes and diabetic retinopathy. British Journal of Ophthalmology, 2017, 101, 1038-1044.	3.9	36
147	Retinal angiomatous proliferation. Survey of Ophthalmology, 2017, 62, 462-492.	4.0	59
148	Six-Year Incidence of Age-Related Macular Degeneration in Asian Malays. Ophthalmology, 2017, 124, 1305-1313.	5.2	31
149	Singapore Indian Eye Study: methodology and impact of migration on systemic and eye outcomes. Clinical and Experimental Ophthalmology, 2017, 45, 779-789.	2.6	65
150	CHOROIDAL VASCULARITY INDEX. Retina, 2017, 37, 1120-1125.	1.7	97
151	Targeting key angiogenic pathways with a bispecific Cross<sc>MA</sc> optimized for neovascular eye diseases. EMBO Molecular Medicine, 2017, 9, 985-985.	6.9	7
152	CHARACTERIZATION AND DIFFERENTIATION OF POLYPOIDAL CHOROIDAL VASCULOPATHY USING SWEEP SOURCE OPTICAL COHERENCE TOMOGRAPHY ANGIOGRAPHY. Retina, 2017, 37, 1464-1474.	1.7	49
153	Ethnic Differences in the Association Between Age-Related Macular Degeneration and Vision-Specific Functioning. JAMA Ophthalmology, 2017, 135, 469.	2.5	7
154	Shared genetic variants for polypoidal choroidal vasculopathy and typical neovascular age-related macular degeneration in East Asians. Journal of Human Genetics, 2017, 62, 1049-1055.	2.3	35
155	Choroidal Remodeling in Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy: A 12-month Prospective Study. Scientific Reports, 2017, 7, 7868.	3.3	36
156	Plasma lipoprotein subfraction concentrations are associated with lipid metabolism and age-related macular degeneration. Journal of Lipid Research, 2017, 58, 1785-1796.	4.2	22
157	A genome-wide association study identified a novel genetic loci STON1-GTF2A1L/LHCGR/FSHR for bilaterality of neovascular age-related macular degeneration. Scientific Reports, 2017, 7, 7173.	3.3	8
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