

Yih Chung Tham

List of Publications by Year in descending order

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159
papers

11,083
citations

125106

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95
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all docs

164
docs citations

164
times ranked

13443
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#	ARTICLE	IF	CITATIONS
1	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> , 2023, 107, 392-398.	2.1	3
2	Machine learning to determine relative contribution of modifiable and non-modifiable risk factors of major eye diseases. <i>British Journal of Ophthalmology</i> , 2022, 106, 267-274.	2.1	8
3	Peripapillary sclera exhibits a v-shaped configuration that is more pronounced in glaucoma eyes. <i>British Journal of Ophthalmology</i> , 2022, 106, 491-496.	2.1	12
4	Utilisation of poor-quality optical coherence tomography scans: adjustment algorithm from the Singapore Epidemiology of Eye Diseases (SEED) study. <i>British Journal of Ophthalmology</i> , 2022, 106, 962-969.	2.1	3
5	Association between body mass index and diabetic retinopathy in Asians: the Asian Eye Epidemiology Consortium (AEEC) study. <i>British Journal of Ophthalmology</i> , 2022, 106, 980-986.	2.1	13
6	New digital models of care in ophthalmology, during and beyond the COVID-19 pandemic. <i>British Journal of Ophthalmology</i> , 2022, 106, 452-457.	2.1	28
7	Deep learning algorithms for automatic detection of pterygium using anterior segment photographs from slit-lamp and hand-held cameras. <i>British Journal of Ophthalmology</i> , 2022, 106, 1642-1647.	2.1	14
8	High-Density Lipoprotein 3 Cholesterol and Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2022, 129, 285-294.	2.5	13
9	Multivariate Normative Comparison, a Novel Method for Improved Use of Retinal Nerve Fiber Layer Thickness to Detect Early Glaucoma. <i>Ophthalmology Glaucoma</i> , 2022, 5, 359-368.	0.9	10
10	Retinal Nerve Fiber Layer Thickness and Rim Area Profiles in Asians. <i>Ophthalmology</i> , 2022, 129, 552-561.	2.5	8
11	DeepLensNet: Deep Learning Automated Diagnosis and Quantitative Classification of Cataract Type and Severity. <i>Ophthalmology</i> , 2022, 129, 571-584.	2.5	23
12	Detecting visually significant cataract using retinal photograph-based deep learning. <i>Nature Aging</i> , 2022, 2, 264-271.	5.3	14
13	Three-dimensional modelling of the choroidal angioarchitecture in a multi-ethnic Asian population. <i>Scientific Reports</i> , 2022, 12, 3831.	1.6	6
14	Six-Year Incidence and Risk Factors for Primary Angle-Closure Disease. <i>Ophthalmology</i> , 2022, 129, 792-802.	2.5	11
15	Retinal photograph-based deep learning predicts biological age, and stratifies morbidity and mortality risk. <i>Age and Ageing</i> , 2022, 51, .	0.7	25
16	The longitudinal association between cognitive impairment and incident visual impairment in a multiethnic Asian population: a prospective cohort study. <i>Age and Ageing</i> , 2022, 51, .	0.7	6
17	Detection of Systemic Diseases From Ocular Images Using Artificial Intelligence: A Systematic Review. <i>Asia-Pacific Journal of Ophthalmology</i> , 2022, 11, 126-139.	1.3	3
18	Normative data and associations of Optical Coherence Tomography Angiography measurements of the macula: The Singapore Malay Eye Study. <i>Ophthalmology Retina</i> , 2022, , .	1.2	1

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19	A deep-learning system for the assessment of cardiovascular disease risk via the measurement of retinal-vessel calibre. <i>Nature Biomedical Engineering</i> , 2021, 5, 498-508.	11.6	131
20	Proposal and validation of a new grading system for pterygium (SLIT2). <i>British Journal of Ophthalmology</i> , 2021, 105, 921-924.	2.1	4
21	Prevalence and predictors of myopic macular degeneration among Asian adults: pooled analysis from the Asian Eye Epidemiology Consortium. <i>British Journal of Ophthalmology</i> , 2021, 105, 1140-1148.	2.1	19
22	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.	2.1	23
23	The Bidirectional Relationship between Vision and Cognition. <i>Ophthalmology</i> , 2021, 128, 981-992.	2.5	46
24	Response to: Comment on: "Do we have enough ophthalmologists to manage vision-threatening diabetic retinopathy? A global perspective". <i>Eye</i> , 2021, 35, 692-693.	1.1	0
25	Role of socio-economic factors in visual impairment and progression of diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2021, 105, 420-425.	2.1	9
26	Factors affecting the diagnostic performance of circumpapillary retinal nerve fibre layer measurement in glaucoma. <i>British Journal of Ophthalmology</i> , 2021, 105, 397-402.	2.1	12
27	Prevalence of retinitis pigmentosa in Singapore: the Singapore Epidemiology of Eye Diseases Study. <i>Acta Ophthalmologica</i> , 2021, 99, e134-e135.	0.6	6
28	Association of Antihypertensive Medication with Retinal Nerve Fiber Layer and Ganglion Cell-Inner Plexiform Layer Thickness. <i>Ophthalmology</i> , 2021, 128, 393-400.	2.5	25
29	Albuminuria and Primary Open-Angle Glaucoma: the Singapore Chinese Eye Study (SCES). <i>British Journal of Ophthalmology</i> , 2021, 105, 669-673.	2.1	5
30	Deep learning in glaucoma with optical coherence tomography: a review. <i>Eye</i> , 2021, 35, 188-201.	1.1	53
31	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.	1.2	20
32	Referral for disease-related visual impairment using retinal photograph-based deep learning: a proof-of-concept, model development study. <i>The Lancet Digital Health</i> , 2021, 3, e29-e40.	5.9	20
33	Cohort Profile: The Singapore Epidemiology of Eye Diseases study (SEED). <i>International Journal of Epidemiology</i> , 2021, 50, 41-52.	0.9	49
34	Ethnic differences in the incidence of pterygium in a multi-ethnic Asian population: the Singapore Epidemiology of Eye Diseases Study. <i>Scientific Reports</i> , 2021, 11, 501.	1.6	6
35	Digital health during COVID-19: lessons from operationalising new models of care in ophthalmology. <i>The Lancet Digital Health</i> , 2021, 3, e124-e134.	5.9	101
36	Telehealth Demand Trends During the COVID-19 Pandemic in the Top 50 Most Affected Countries: Infodemiological Evaluation. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e24445.	1.2	73

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37	Applications of digital health for public health responses to COVID-19: a systematic scoping review of artificial intelligence, telehealth and related technologies. <i>Npj Digital Medicine</i> , 2021, 4, 40.	5.7	163
38	Six-Year Incidence and Risk Factors of Primary Glaucoma in the Singapore Indian Eye Study. <i>Ophthalmology Glaucoma</i> , 2021, 4, 201-208.	0.9	3
39	A Peer-to-Peer Live-Streaming Intervention for Children During COVID-19 Homeschooling to Promote Physical Activity and Reduce Anxiety and Eye Strain: Cluster Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2021, 23, e24316.	2.1	47
40	COVID-19 awareness, knowledge and perception towards digital health in an urban multi-ethnic Asian population. <i>Scientific Reports</i> , 2021, 11, 10795.	1.6	26
41	Global Prevalence of Diabetic Retinopathy and Projection of Burden through 2045. <i>Ophthalmology</i> , 2021, 128, 1580-1591.	2.5	680
42	Considerations for Artificial Intelligence Real-World Implementation in Ophthalmology: Providers' and Patients' Perspectives. <i>Asia-Pacific Journal of Ophthalmology</i> , 2021, 10, 299-306.	1.3	11
43	Deep-learning-based cardiovascular risk stratification using coronary artery calcium scores predicted from retinal photographs. <i>The Lancet Digital Health</i> , 2021, 3, e306-e316.	5.9	93
44	Emergence of non-AI digital health innovations in ophthalmology: A systematic review. <i>Clinical and Experimental Ophthalmology</i> , 2021, 49, 741-756.	1.3	4
45	Gender Prediction for a Multiethnic Population via Deep Learning Across Different Retinal Fundus Photograph Fields: Retrospective Cross-sectional Study. <i>JMIR Medical Informatics</i> , 2021, 9, e25165.	1.3	13
46	Prevalence of polypoidal choroidal vasculopathy using non-ICGA based criteria. <i>Ophthalmology Retina</i> , 2021, , .	1.2	1
47	Association between Body Mass Index and Chronic Kidney Disease in Asian Populations: A Participant-level Meta-Analysis. <i>Maturitas</i> , 2021, 154, 46-54.	1.0	12
48	The Global Extent of Undetected Glaucoma in Adults. <i>Ophthalmology</i> , 2021, 128, 1393-1404.	2.5	33
49	Visual Impairment, Major Eye Diseases, and Mortality in a Multi-Ethnic Asian Population and a Meta-analysis of Prospective Studies. <i>American Journal of Ophthalmology</i> , 2021, 231, 88-100.	1.7	2
50	Six-year incidence and systemic associations of retinopathy in a multi-ethnic Asian population without diabetes. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2020-318126.	2.1	2
51	Determinants of lamina cribrosa depth in healthy Asian eyes: the Singapore Epidemiology Eye Study. <i>British Journal of Ophthalmology</i> , 2021, 105, 367-373.	2.1	7
52	Association of alcohol intake with incidence and progression of diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2021, 105, 538-542.	2.1	7
53	Application of machine learning techniques to understand ethnic differences and risk factors for incident chronic kidney disease in Asians. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002364.	1.2	3
54	Compensation of retinal nerve fibre layer thickness as assessed using optical coherence tomography based on anatomical confounders. <i>British Journal of Ophthalmology</i> , 2020, 104, 282-290.	2.1	25

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55	Systemic medications and cortical cataract: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2020, 104, 330-335.	2.1	3
56	Detection of anaemia from retinal images. <i>Nature Biomedical Engineering</i> , 2020, 4, 2-3.	11.6	5
57	Prediction of systemic biomarkers from retinal photographs: development and validation of deep-learning algorithms. <i>The Lancet Digital Health</i> , 2020, 2, e526-e536.	5.9	83
58	Big Data in Ophthalmology. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020, 9, 291-298.	1.3	33
59	Asian-specific vertical cup-to-disc ratio cutoff for glaucoma screening: An evidence-based recommendation from a multi-ethnic Asian population. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 1210-1218.	1.3	17
60	Rates and Determinants of Eyecare Utilization and Eyeglass Affordability Among Individuals With Visual Impairment in a Multi-Ethnic Population-Based Study in Singapore. <i>Translational Vision Science and Technology</i> , 2020, 9, 11.	1.1	7
61	Association of Glaucoma Risk Genes with Retinal Nerve Fiber Layer in a Multi-ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. , 2020, 61, 37.		8
62	Common variants in SOX-2 and congenital cataract genes contribute to age-related nuclear cataract. <i>Communications Biology</i> , 2020, 3, 755.	2.0	10
63	Normative profiles of neuroretinal rim area in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases study. <i>British Journal of Ophthalmology</i> , 2020, , bjophthalmol-2020-317323.	2.1	2
64	Gene-educational attainment interactions in a multi-ancestry genome-wide meta-analysis identify novel blood pressure loci. <i>Molecular Psychiatry</i> , 2020, 26, 2111-2125.	4.1	17
65	Artificial Intelligence for Cataract Detection and Management. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020, 9, 88-95.	1.3	36
66	A deep learning algorithm to detect chronic kidney disease from retinal photographs in community-based populations. <i>The Lancet Digital Health</i> , 2020, 2, e295-e302.	5.9	130
67	Agreement in Measures of Macular Perfusion between Optical Coherence Tomography Angiography Machines. <i>Scientific Reports</i> , 2020, 10, 8345.	1.6	1
68	Prevalence and Pattern of Geographic Atrophy in Asia. <i>Ophthalmology</i> , 2020, 127, 1371-1381.	2.5	34
69	Logistic regression was as good as machine learning for predicting major chronic diseases. <i>Journal of Clinical Epidemiology</i> , 2020, 122, 56-69.	2.4	245
70	Hypertension, blood pressure control and diabetic retinopathy in a large population-based study. <i>PLoS ONE</i> , 2020, 15, e0229665.	1.1	48
71	Normative patterns and factors associated with presbyopia progression in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2020, 104, bjophthalmol-2019-315629.	2.1	1
72	Profile of retinal nerve fibre layer symmetry in a multiethnic Asian population: the Singapore Epidemiology of Eye Diseases study. <i>British Journal of Ophthalmology</i> , 2020, 104, 836-841.	2.1	8

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73	Profiles of Ganglion Cell-Inner Plexiform Layer Thickness in a Multi-Ethnic Asian Population. <i>Ophthalmology</i> , 2020, 127, 1064-1076.	2.5	29
74	Is kidney function associated with primary open-angle glaucoma? Findings from the Asian Eye Epidemiology Consortium. <i>British Journal of Ophthalmology</i> , 2020, 104, bjophthalmol-2019-314890.	2.1	13
75	Do we have enough ophthalmologists to manage vision-threatening diabetic retinopathy? A global perspective. <i>Eye</i> , 2020, 34, 1255-1261.	1.1	32
76	Association between Macular Thickness Profiles and Visual Function in Healthy Eyes: The Singapore Epidemiology of Eye Diseases (SEED) Study. <i>Scientific Reports</i> , 2020, 10, 6142.	1.6	12
77	Incidence, progression and risk factors of age-related cataract in Malays: The Singapore Malay Eye Study. <i>Clinical and Experimental Ophthalmology</i> , 2020, 48, 580-592.	1.3	7
78	Singapore Chinese Eye Study: key findings from baseline examination and the rationale, methodology of the 6-year follow-up series. <i>British Journal of Ophthalmology</i> , 2020, 104, 610-615.	2.1	25
79	Deep Learning for Automated Sorting of Retinal Photographs. <i>Ophthalmology Retina</i> , 2020, 4, 793-800.	1.2	14
80	Racial differences and determinants of macular thickness profiles in multiethnic Asian population: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2019, 103, 894-899.	2.1	14
81	Variation of Peripapillary Scleral Shape With Age. , 2019, 60, 3275.		22
82	Large-Scale Whole-Genome Sequencing of Three Diverse Asian Populations in Singapore. <i>Cell</i> , 2019, 179, 736-749.e15.	13.5	126
83	Reporting on deep learning algorithms in health care. <i>The Lancet Digital Health</i> , 2019, 1, e328-e329.	5.9	16
84	Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019, 10, 4957.	5.8	84
85	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130.	5.8	133
86	Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019, 188, 1033-1054.	1.6	85
87	The Effect of Gender on Visual Field Sensitivity: The Singapore Chinese Eye Study. <i>Ophthalmic Epidemiology</i> , 2019, 26, 183-188.	0.8	2
88	Normative pattern and determinants of outer retinal thickness in an Asian population: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2019, 103, 1406-1412.	2.1	5
89	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	9.4	549
90	Changes in the Anterior Lamina Cribrosa Morphology with Glaucoma Severity. <i>Scientific Reports</i> , 2019, 9, 6612.	1.6	17

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91	Patterns and Risk Factor Profiles of Visual Loss in a Multiethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>American Journal of Ophthalmology</i> , 2019, 206, 48-73.	1.7	22
92	A multi-ancestry genome-wide study incorporating gene-smoking interactions identifies multiple new loci for pulse pressure and mean arterial pressure. <i>Human Molecular Genetics</i> , 2019, 28, 2615-2633.	1.4	31
93	Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019, 51, 636-648.	9.4	112
94	Age-related changes of individual macular retinal layers among Asians. <i>Scientific Reports</i> , 2019, 9, 20352.	1.6	24
95	Inter-relationship between ageing, body mass index, diabetes, systemic blood pressure and intraocular pressure in Asians: 6-year longitudinal study. <i>British Journal of Ophthalmology</i> , 2019, 103, 196-202.	2.1	29
96	Retinal Nerve Fiber Layer Thickness in a Multiethnic Normal Asian Population. <i>Ophthalmology</i> , 2019, 126, 702-711.	2.5	49
97	Re: Keel et al.: The prevalence of diabetic retinopathy in Australian adults with self-reported diabetes: The National Eye Health Survey (<i>Ophthalmology</i> . 2017;124:977-984). <i>Ophthalmology</i> , 2018, 125, e13-e14.	2.5	0
98	A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018, 102, 375-400.	2.6	123
99	Blindness, low vision and cataract surgery outcome among adults in Hohhot of Inner Mongolia: a Rapid Assessment of Avoidable Blindness (RAAB) study. <i>British Journal of Ophthalmology</i> , 2018, 102, 1653-1657.	2.1	6
100	Inter-relationship between ocular perfusion pressure, blood pressure, intraocular pressure profiles and primary open-angle glaucoma: the Singapore Epidemiology of Eye Diseases study. <i>British Journal of Ophthalmology</i> , 2018, 102, 1402-1406.	2.1	41
101	Associations of Peripapillary Atrophy and Fundus Tessellation with Diabetic Retinopathy. <i>Ophthalmology Retina</i> , 2018, 2, 574-581.	1.2	9
102	Factors affecting signal strength in spectral-domain optical coherence tomography. <i>Acta Ophthalmologica</i> , 2018, 96, e54-e58.	0.6	17
103	The Effect of Testing Reliability on Visual Field Sensitivity in Normal Eyes. <i>Ophthalmology</i> , 2018, 125, 15-21.	2.5	27
104	Macular thickness profile and diabetic retinopathy: the Singapore Epidemiology of Eye Diseases Study. <i>British Journal of Ophthalmology</i> , 2018, 102, 1072-1076.	2.1	15
105	Ethnic Differences in the Prevalence and Risk Factors of Diabetic Retinopathy. <i>Ophthalmology</i> , 2018, 125, 529-536.	2.5	97
106	Physical Activity and Age-related Macular Degeneration: A Systematic Literature Review and Meta-analysis. <i>American Journal of Ophthalmology</i> , 2018, 185, 123.	1.7	4
107	Risk of Incident Cardiovascular Disease and Cardiovascular Risk Factors in First and Second-Generation Indians: The Singapore Indian Eye Study. <i>Scientific Reports</i> , 2018, 8, 14805.	1.6	11
108	Six-Year Incidence of and Risk Factors for Cataract Surgery in a Multi-ethnic Asian Population. <i>Ophthalmology</i> , 2018, 125, 1844-1853.	2.5	25

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109	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.	1.6	12
110	Genome-wide association meta-analysis highlights light-induced signaling as a driver for refractive error. <i>Nature Genetics</i> , 2018, 50, 834-848.	9.4	239
111	Falls and Recurrent Falls among Adults in A Multi-ethnic Asian Population: The Singapore Epidemiology of Eye Diseases Study. <i>Scientific Reports</i> , 2018, 8, 7575.	1.6	33
112	Reply. <i>American Journal of Ophthalmology</i> , 2018, 192, 252.	1.7	0
113	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. <i>Nature Communications</i> , 2018, 9, 1864.	5.8	63
114	Associations between sleep duration, sleep quality and diabetic retinopathy. <i>PLoS ONE</i> , 2018, 13, e0196399.	1.1	28
115	Diagnostic accuracy of macular ganglion cell-inner plexiform layer thickness for glaucoma detection in a population-based study: Comparison with optic nerve head imaging parameters. <i>PLoS ONE</i> , 2018, 13, e0199134.	1.1	23
116	Direct and Indirect Associations Between Diabetes and Intraocular Pressure: The Singapore Epidemiology of Eye Diseases Study. , 2018, 59, 2205.		19
117	Trends of Visual Impairment and Blindness in the Singapore Chinese Population over a Decade. <i>Scientific Reports</i> , 2018, 8, 12224.	1.6	22
118	Reply. <i>American Journal of Ophthalmology</i> , 2018, 188, 185.	1.7	1
119	Reply. <i>Ophthalmology</i> , 2018, 125, e55.	2.5	0
120	Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018, 13, e0198166.	1.1	94
121	Top 100 cited articles in ophthalmic epidemiology between 2006 and 2016. <i>International Journal of Ophthalmology</i> , 2018, 11, 1994-1998.	0.5	6
122	Associations between chronic systemic diseases and primary open angle glaucoma: an epidemiological perspective. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 24-32.	1.3	42
123	Association of Systemic Medication Use With Intraocular Pressure in a Multiethnic Asian Population. <i>JAMA Ophthalmology</i> , 2017, 135, 196.	1.4	43
124	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics.. <i>Human Molecular Genetics</i> , 2017, 26, ddw399.	1.4	120
125	Comparison of Corneal Biomechanical Properties between Indian and Chinese Adults. <i>Ophthalmology</i> , 2017, 124, 1271-1279.	2.5	11
126	Type 2 Diabetes Genetic Variants and Risk of Diabetic Retinopathy. <i>Ophthalmology</i> , 2017, 124, 336-342.	2.5	21

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127	Photodynamic therapy in combination with ranibizumab versus ranibizumab monotherapy for polypoidal choroidal vasculopathy: A systematic review and meta-analysis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2017, 20, 215-220.	1.3	7
128	Is Corneal Arcus Independently Associated With Incident Cardiovascular Disease in Asians?. <i>American Journal of Ophthalmology</i> , 2017, 183, 99-106.	1.7	16
129	Intravitreal aflibercept for proliferative diabetic retinopathy. <i>Lancet, The</i> , 2017, 390, 2140-2141.	6.3	3
130	Genome-wide association study identifies a missense variant at APOA5 for coronary artery disease in Multi-Ethnic Cohorts from Southeast Asia. <i>Scientific Reports</i> , 2017, 7, 17921.	1.6	28
131	Is aspirin associated with diabetic retinopathy? The Singapore Epidemiology of Eye Disease (SEED) study. <i>PLoS ONE</i> , 2017, 12, e0175966.	1.1	10
132	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002383.	3.9	341
133	Inter-Relationships Between Retinal Vascular Caliber, Retinal Nerve Fiber Layer Thickness, and Glaucoma: A Mediation Analysis Approach. , 2016, 57, 3803.		12
134	Comparison of Common Retinal Vessel Caliber Measurement Software and a Conversion Algorithm. <i>Translational Vision Science and Technology</i> , 2016, 5, 11.	1.1	42
135	Joint Effects of Intraocular Pressure and Myopia on Risk of Primary Open-Angle Glaucoma: The Singapore Epidemiology of Eye Diseases Study. <i>Scientific Reports</i> , 2016, 6, 19320.	1.6	29
136	Prevalence, Correlates, and Impact of Uncorrected Presbyopia in a Multiethnic Asian Population. <i>American Journal of Ophthalmology</i> , 2016, 168, 191-200.	1.7	15
137	Cup-to-Disc Ratio From Heidelberg Retina Tomograph 3 and High-Definition Optical Coherence Tomography Agrees Poorly With Clinical Assessment. <i>Journal of Glaucoma</i> , 2016, 25, 198-202.	0.8	7
138	Glaucoma in Asia: regional prevalence variations and future projections. <i>British Journal of Ophthalmology</i> , 2016, 100, 78-85.	2.1	160
139	Association of Common SIX6 Polymorphisms With Peripapillary Retinal Nerve Fiber Layer Thickness: The Singapore Chinese Eye Study. <i>Investigative Ophthalmology and Visual Science</i> , 2015, 56, 478-483.	3.3	35
140	A Global Shape Index to Characterize Anterior Lamina Cribrosa Morphology and Its Determinants in Healthy Indian Eyes. , 2015, 56, 3604.		47
141	Repeatability of Perimacular Ganglion Cell Complex Analysis with Spectral-Domain Optical Coherence Tomography. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-5.	0.6	10
142	Author reply. <i>Ophthalmology</i> , 2015, 122, e41-e42.	2.5	3
143	Aggregate Effects of Intraocular Pressure and Cup-to-Disc Ratio Genetic Variants on Glaucoma in a Multiethnic Asian Population. <i>Ophthalmology</i> , 2015, 122, 1149-1157.	2.5	28
144	Measurement of Macular Fractal Dimension Using a Computer-Assisted Program. , 2014, 55, 2237.		32

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145	Global Prevalence of Glaucoma and Projections of Glaucoma Burden through 2040. <i>Ophthalmology</i> , 2014, 121, 2081-2090.	2.5	4,514
146	Ethnic Differences of Intraocular Pressure and Central Corneal Thickness. <i>Ophthalmology</i> , 2014, 121, 2013-2022.	2.5	78
147	Assessment of Iris Surface Features and Their Relationship with Iris Thickness in Asian Eyes. <i>Ophthalmology</i> , 2014, 121, 1007-1012.	2.5	37
148	Automatic glaucoma diagnosis through medical imaging informatics. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, 1021-1027.	2.2	29
149	Relationship between ganglion cell-inner plexiform layer and optic disc/retinal nerve fibre layer parameters in non-glaucomatous eyes. <i>British Journal of Ophthalmology</i> , 2013, 97, 1592-1597.	2.1	20
150	Validity of a new optic disc grading software for use in clinical and epidemiological research. <i>Clinical and Experimental Ophthalmology</i> , 2013, 41, 842-852.	1.3	9
151	Determinants of Macular Thickness Using Spectral Domain Optical Coherence Tomography in Healthy Eyes: The Singapore Chinese Eye Study. , 2013, 54, 7968.		62
152	Relationship Between Retinal Vascular Geometry With Retinal Nerve Fiber Layer and Ganglion Cell-Inner Plexiform Layer in Nonglaucomatous Eyes. , 2013, 54, 7309.		31
153	Superpixel Classification Based Optic Disc Segmentation. <i>Lecture Notes in Computer Science</i> , 2013, , 293-304.	1.0	7
154	Determinants of Ganglion Cell Inner Plexiform Layer Thickness Measured by High-Definition Optical Coherence Tomography. , 2012, 53, 5853.		118
155	Sector-based optic cup segmentation with intensity and blood vessel priors. , 2012, 2012, 1454-7.		1
156	Determinants of Quantitative Optic Nerve Measurements Using Spectral Domain Optical Coherence Tomography in a Population-Based Sample of Non-glaucomatous Subjects. , 2011, 52, 9629.		107
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