

Mani Baskaran

List of Publications by Year in descending order

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194
papers

8,968
citations

53789

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81
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195
all docs

195
docs citations

195
times ranked

7012
citing authors

#	ARTICLE	IF	CITATIONS
1	Handheld chromatic pupillometry can accurately and rapidly reveal functional loss in glaucoma. British Journal of Ophthalmology, 2023, 107, 663-670.	3.9	13
2	Angle closure extent, anterior segment dimensions and intraocular pressure. British Journal of Ophthalmology, 2023, 107, 927-934.	3.9	6
3	Towards “automated gonioscopy”: a deep learning algorithm for 360° angle assessment by swept-source optical coherence tomography. British Journal of Ophthalmology, 2022, 106, 1387-1392.	3.9	14
4	Diagnostic accuracy of swept source optical coherence tomography classification algorithms for detection of gonioscopic angle closure. British Journal of Ophthalmology, 2022, 106, 1716-1721.	3.9	2
5	The Singapore Asymptomatic Narrow Angles Laser Iridotomy Study. Ophthalmology, 2022, 129, 147-158.	5.2	37
6	High-Density Lipoprotein 3 Cholesterol and Primary Open-Angle Glaucoma. Ophthalmology, 2022, 129, 285-294.	5.2	13
7	Digital Gonioscopy Based on Three-dimensional Anterior-Segment OCT. Ophthalmology, 2022, 129, 45-53.	5.2	21
8	High-resolution, non-contact, cellular level imaging of the cornea of the eye in vivo. Optics and Laser Technology, 2022, 150, 107922.	4.6	1
9	Evaluation of meridional scans for angle closure assessment with anterior segment swept-source optical coherence tomography. British Journal of Ophthalmology, 2021, 105, 131-134.	3.9	7
10	Factors affecting the diagnostic performance of circumpapillary retinal nerve fibre layer measurement in glaucoma. British Journal of Ophthalmology, 2021, 105, 397-402.	3.9	12
11	Six-Year Incidence and Risk Factors of Primary Glaucoma in the Singapore Indian Eye Study. Ophthalmology Glaucoma, 2021, 4, 201-208.	1.9	3
12	Determinants of lamina cribrosa depth in healthy Asian eyes: the Singapore Epidemiology Eye Study. British Journal of Ophthalmology, 2021, 105, 367-373.	3.9	7
13	Changes in Iris Stiffness and Permeability in Primary Angle Closure Glaucoma. , 2021, 62, 29.		15
14	Angle-Closure Detection in Anterior Segment OCT Based on Multilevel Deep Network. IEEE Transactions on Cybernetics, 2020, 50, 3358-3366.	9.5	48
15	Understanding diagnostic disagreement in angle closure assessment between anterior segment optical coherence tomography and gonioscopy. British Journal of Ophthalmology, 2020, 104, 795-799.	3.9	30
16	Recent advances in anterior chamber angle imaging. Eye, 2020, 34, 51-59.	2.1	26
17	Noninvasive and Noncontact Sequential Imaging of the Iridocorneal Angle and the Cornea of the Eye. Translational Vision Science and Technology, 2020, 9, 1.	2.2	7
18	Asian-specific vertical cup-to-disc ratio cutoff for glaucoma screening: An evidence-based recommendation from a multi-ethnic Asian population. Clinical and Experimental Ophthalmology, 2020, 48, 1210-1218.	2.6	17

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19	Association Between Structure-function Characteristics and Visual Field Outcomes in Glaucoma Subjects With Intraocular Pressure Reduction After Trabeculectomy. <i>Journal of Glaucoma</i> , 2020, 29, 648-655.	1.6	4
20	In Vivo Measurements of Prelamina and Lamina Cribrosa Biomechanical Properties in Humans. , 2020, 61, 27.		16
21	Effect of Pharmacological Pupil Dilatation on Angle Configuration in Untreated Primary Angle Closure Suspects: A Swept Source Anterior Segment Optical Coherence Tomography Study. <i>Journal of Glaucoma</i> , 2020, 29, 521-528.	1.6	2
22	Light Sheet Fluorescence Microscopy of the Trabecular Meshwork in Rodent Eyes. , 2020, , .		1
23	Variation of Peripapillary Scleral Shape With Age. , 2019, 60, 3275.		22
24	Optical sectioning and high resolution visualization of trabecular meshwork using Bessel beam assisted light sheet fluorescence microscopy. <i>Journal of Biophotonics</i> , 2019, 12, e201900048.	2.3	11
25	Bessel-Gauss Beam Light Sheet Assisted Fluorescence Imaging of Trabecular Meshwork in the Iridocorneal Region Using Long Working Distance Objectives. , 2019, , .		0
26	Translational Medicine in the Era of Social Media: A Survey of Scientific and Clinical Communities. <i>Frontiers in Medicine</i> , 2019, 6, 152.	2.6	3
27	Changes in the Anterior Lamina Cribrosa Morphology with Glaucoma Severity. <i>Scientific Reports</i> , 2019, 9, 6612.	3.3	17
28	Protective Action of Linear Polyethylenimine against <i>Staphylococcus aureus</i> Colonization and Exaggerated Inflammation <i>in Vitro</i> and <i>in Vivo</i> . <i>ACS Infectious Diseases</i> , 2019, 5, 1411-1422.	3.8	8
29	A Deep Learning System for Automated Angle-Closure Detection in Anterior Segment Optical Coherence Tomography Images. <i>American Journal of Ophthalmology</i> , 2019, 203, 37-45.	3.3	105
30	Effects of low and moderate refractive errors on chromatic pupillometry. <i>Scientific Reports</i> , 2019, 9, 4945.	3.3	8
31	Investigating the neuroprotective effect of Copolymer in acute primary angle closure – Interim report of a randomized placebo-controlled double-masked clinical trial. <i>Acta Ophthalmologica</i> , 2019, 97, e827-e832.	1.1	4
32	Optic Nerve Tortuosity and Globe Proptosis in Normal and Glaucoma Subjects. <i>Journal of Glaucoma</i> , 2019, 28, 691-696.	1.6	19
33	Assessment of Circumferential Angle Closure with Swept-Source Optical Coherence Tomography: a Community Based Study. <i>American Journal of Ophthalmology</i> , 2019, 199, 133-139.	3.3	21
34	Quantitative analysis of choriocapillaris in non-human primates using swept-source optical coherence tomography angiography (SS-OCTA). <i>Biomedical Optics Express</i> , 2019, 10, 356.	2.9	18
35	Anterior segment optical coherence tomography. <i>Progress in Retinal and Eye Research</i> , 2018, 66, 132-156.	15.5	297
36	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018, 27, 1486-1496.	2.9	111

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37	Association of Functional Loss With the Biomechanical Response of the Optic Nerve Head to Acute Transient Intraocular Pressure Elevations. JAMA Ophthalmology, 2018, 136, 184.	2.5	18
38	Evaluation of Primary Angle-Closure Glaucoma Susceptibility Loci in Patients with Early Stages of Angle-Closure Disease. Ophthalmology, 2018, 125, 664-670.	5.2	22
39	Pupillary Responses to Full-Field Chromatic Stimuli Are Reduced in Patients with Early-Stage Primary Open-Angle Glaucoma. Ophthalmology, 2018, 125, 1362-1371.	5.2	49
40	Effect of acute intraocular pressure elevation on the minimum rim width in normal, ocular hypertensive and glaucoma eyes. British Journal of Ophthalmology, 2018, 102, 131-135.	3.9	23
41	Social, health and ocular factors associated with primary open-angle glaucoma amongst Chinese Singaporeans. Clinical and Experimental Ophthalmology, 2018, 46, 25-34.	2.6	18
42	Role of anterior segment optical coherence tomography in angle-closure disease: a review. Clinical and Experimental Ophthalmology, 2018, 46, 147-157.	2.6	23
43	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. PLoS ONE, 2018, 13, e0199134.	2.5	23
44	In Vivo Three-Dimensional Lamina Cribrosa Strains in Healthy, Ocular Hypertensive, and Glaucoma Eyes Following Acute Intraocular Pressure Elevation. , 2018, 59, 260.		40
45	Multi-context Deep Network for Angle-Closure Glaucoma Screening in Anterior Segment OCT. Lecture Notes in Computer Science, 2018, , 356-363.	1.3	25
46	Investigation of the variability of anterior chamber scan protocol with Cirrus high definition optical coherence tomography. Clinical and Experimental Ophthalmology, 2017, 45, 464-471.	2.6	0
47	New insights into the genetics of primary open-angle glaucoma based on meta-analyses of intraocular pressure and optic disc characteristics.. Human Molecular Genetics, 2017, 26, ddw399.	2.9	120
48	Association of Baseline Anterior Segment Parameters With the Development of Incident Gonioscopic Angle Closure. JAMA Ophthalmology, 2017, 135, 252.	2.5	30
49	Association of iris crypts with acute primary angle closure. British Journal of Ophthalmology, 2017, 101, 1318-1322.	3.9	6
50	Imaging of trabecular meshwork using Bessel-Gauss light sheet with fluorescence. Laser Physics Letters, 2017, 14, 035602.	1.4	8
51	Preclinical imaging of iridocorneal angle and fundus using a modified integrated flexible handheld probe. Journal of Medical Imaging, 2017, 4, 026001.	1.5	0
52	Segmentation and Quantification for Angle-Closure Glaucoma Assessment in Anterior Segment OCT. IEEE Transactions on Medical Imaging, 2017, 36, 1930-1938.	8.9	77
53	Crowdsourcing to Evaluate Fundus Photographs for the Presence of Glaucoma. Journal of Glaucoma, 2017, 26, 505-510.	1.6	12
54	Reply. Ophthalmology, 2017, 124, e34-e35.	5.2	0

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55	Verification of a virtual fields method to extract the mechanical properties of human optic nerve head tissues in vivo. Biomechanics and Modeling in Mechanobiology, 2017, 16, 871-887.	2.8	40
56	Primary angle closure glaucoma (PACG) susceptibility gene PLEKHA7 encodes a novel Rac1/Cdc42 GAP that modulates cell migration and blood-aqueous barrier function. Human Molecular Genetics, 2017, 26, 4011-4027.	2.9	21
57	Residual Angle Closure One Year After Laser Peripheral Iridotomy in Primary Angle Closure Suspects. American Journal of Ophthalmology, 2017, 183, 111-117.	3.3	23
58	Pupillary responses to light are not affected by narrow irido-corneal angles. Scientific Reports, 2017, 7, 10190.	3.3	4
59	Intraocular pressure change after phacoemulsification in angle-closure eyes without medical therapy. Journal of Cataract and Refractive Surgery, 2017, 43, 767-773.	1.5	4
60	Development and Validation of a Deep Learning System for Diabetic Retinopathy and Related Eye Diseases Using Retinal Images From Multiethnic Populations With Diabetes. JAMA - Journal of the American Medical Association, 2017, 318, 2211.	7.4	1,442
61	Evaluation of the Anterior Segment Angle-to-Angle Scan of Cirrus High-Definition Optical Coherence Tomography and Comparison With Gonioscopy and With the Visante OCT. , 2017, 58, 59.		24
62	Similarity regularized sparse group lasso for cup to disc ratio computation. Biomedical Optics Express, 2017, 8, 3763.	2.9	21
63	Disrupted Eye Movements in Preperimetric Primary Open-Angle Glaucoma. , 2017, 58, 2430.		24
64	Contact lens assisted imaging with integrated flexible handheld probe for glaucoma diagnosis. , 2017, , .		0
65	Geometric approach to the design of an imaging probe to evaluate the iridocorneal angle structures. , 2017, , .		0
66	Indirect gonioscopy system for imaging iridocorneal angle of eye. , 2017, , .		0
67	Author Response: Peripapillary Suprachoroidal Cavitation, Parapapillary Gamma Zone and Optic Disc Rotation Due to the Biomechanics of the Optic Nerve Dura Mater. , 2016, 57, 4374.		11
68	Shape Changes of the Anterior Lamina Cribrosa in Normal, Ocular Hypertensive, and Glaucomatous Eyes Following Acute Intraocular Pressure Elevation. , 2016, 57, 4869.		33
69	In Vivo 3-Dimensional Strain Mapping Confirms Large Optic Nerve Head Deformations Following Horizontal Eye Movements. , 2016, 57, 5825.		85
70	Finite Element Analysis Predicts Large Optic Nerve Head Strains During Horizontal Eye Movements. , 2016, 57, 2452.		119
71	Biometric Factors Associated With Acute Primary Angle Closure: Comparison of the Affected and Fellow Eye. , 2016, 57, 5320.		31
72	Structural Differences in the Optic Nerve Head of Glaucoma Patients With and Without Disc Hemorrhages. Journal of Glaucoma, 2016, 25, e76-e81.	1.6	7

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73	High resolution iridocorneal angle imaging system by axicon lens assisted gonioscopy. Scientific Reports, 2016, 6, 30844.	3.3	35
74	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2016, 48, 556-562.	21.4	147
75	Reply. Ophthalmology, 2016, 123, e50-e51.	5.2	0
76	Reply. Ophthalmology, 2016, 123, e53-e54.	5.2	1
77	Variation in the morphological characters of the Indian honey bee <i>Apis cerana indica</i> (Fabr.) from northern to southern India. Journal of Apicultural Research, 2016, 55, 221-227.	1.5	2
78	Progress in anterior chamber angle imaging for glaucoma risk prediction – A review on clinical equipment, practice and research. Medical Engineering and Physics, 2016, 38, 1383-1391.	1.7	20
79	Automatic anterior chamber angle structure segmentation in AS-OCT image based on label transfer. , 2016, 2016, 1288-1291.		10
80	Argon Laser Peripheral Iridoplasty for Primary Angle-Closure Glaucoma. Ophthalmology, 2016, 123, 514-521.	5.2	29
81	Factors influencing the pupillary light reflex in healthy individuals. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1353-1359.	1.9	28
82	Diurnal intraocular pressure fluctuation and its risk factors in angle-closure and open-angle glaucoma. Eye, 2016, 30, 362-368.	2.1	19
83	Relationship Between Peripapillary Choroid and Retinal Nerve Fiber Layer Thickness in a Population-Based Sample of Nonglaucomatous Eyes. American Journal of Ophthalmology, 2016, 161, 4-11.e2.	3.3	25
84	Axial Alignment for Anterior Segment Swept Source Optical Coherence Tomography via Robust Low-Rank Tensor Recovery. Lecture Notes in Computer Science, 2016, , 441-449.	1.3	4
85	A simple and non-contact optical imaging probe for evaluation of corneal diseases. Review of Scientific Instruments, 2015, 86, 093702.	1.3	5
86	Evaluation of Choroidal Thickness, Intraocular Pressure, and Serum Osmolality After the Water Drinking Test in Eyes With Primary Angle Closure. , 2015, 56, 2135.		14
87	Determinants of Optical Coherence Tomography–Derived Minimum Neuroretinal Rim Width in a Normal Chinese Population. , 2015, 56, 3337.		38
88	A Global Shape Index to Characterize Anterior Lamina Cribrosa Morphology and Its Determinants in Healthy Indian Eyes. , 2015, 56, 3604.		47
89	Efficacy of Selective Laser Trabeculoplasty in Primary Angle-Closure Glaucoma. JAMA Ophthalmology, 2015, 133, 206.	2.5	53
90	The Prevalence and Types of Glaucoma in an Urban Chinese Population. JAMA Ophthalmology, 2015, 133, 874.	2.5	100

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91	Translating Ocular Biomechanics into Clinical Practice: Current State and Future Prospects. Current Eye Research, 2015, 40, 1-18.	1.5	92
92	Dual-illumination mode, wide-field probe imaging scheme for imaging irido-corneal angle region inside eye. , 2015, , .		0
93	A common variant near TGFBR3 is associated with primary open angle glaucoma. Human Molecular Genetics, 2015, 24, 3880-3892.	2.9	105
94	Non-contact high resolution Bessel beam probe for diagnostic imaging of cornea and trabecular meshwork region in eye. , 2015, , .		1
95	Changes in anterior segment dimensions over 4â€¦years in a cohort of Singaporean subjects with open angles. British Journal of Ophthalmology, 2015, 99, 1097-1102.	3.9	6
96	Lamina Cribrosa Visibility Using Optical Coherence Tomography: Comparison of Devices and Effects of Image Enhancement Techniques. Investigative Ophthalmology and Visual Science, 2015, 56, 865-874.	3.3	86
97	Swept-source optical coherence tomography assessment of irisâ€™trabecular contact after phacoemulsification with or without goniosynechialysis in eyes with primary angle closure glaucoma. British Journal of Ophthalmology, 2015, 99, 927-931.	3.9	33
98	Serum vitamin D status is associated with the presence but not the severity of primary open angle glaucoma. Maturitas, 2015, 81, 470-474.	2.4	39
99	Peripapillary choroidal thickness assessed using automated choroidal segmentation software in an Asian population. British Journal of Ophthalmology, 2015, 99, 920-926.	3.9	27
100	Integrated flexible handheld probe for imaging and evaluation of iridocorneal angle. Journal of Biomedical Optics, 2015, 20, 016014.	2.6	16
101	Anterior Segment Imaging Predicts Incident Gonioscopic Angle Closure. Ophthalmology, 2015, 122, 2380-2384.	5.2	41
102	Pupillary Responses to High-Irradiance Blue Light Correlate with Glaucoma Severity. Ophthalmology, 2015, 122, 1777-1785.	5.2	65
103	Prevalence, Risk Factors, and Visual Features of Undiagnosed Glaucoma. JAMA Ophthalmology, 2015, 133, 938.	2.5	74
104	A Genetic Variant in TGFBR3-CDC7 Is Associated with Visual Field Progression in Primary Open-Angle Glaucoma Patients from Singapore. Ophthalmology, 2015, 122, 2416-2422.	5.2	20
105	Distribution and Determinants of Choroidal Thickness and Volume Using Automated Segmentation Software in a Population-Based Study. American Journal of Ophthalmology, 2015, 159, 293-301.e3.	3.3	73
106	Morphometrics of the indian honey bee from Tamil Nadu. Indian Journal of Entomology, 2015, 77, 138.	0.1	1
107	Non-contact high resolution Bessel beam probe for diagnostic imaging of cornea and trabecular meshwork region in eye. , 2015, , .		0
108	Genotypeâ€™Phenotype Correlation Analysis for Three Primary Angle Closure Glaucoma-Associated Genetic Polymorphisms. , 2014, 55, 1143.		17

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109	Note: A gel based imaging technique of the iridocorneal angle for evaluation of angle-closure glaucoma. Review of Scientific Instruments, 2014, 85, 066105.	1.3	8
110	Automated Analysis of Angle Closure From Anterior Chamber Angle Images. , 2014, 55, 7669.		11
111	Local patch reconstruction framework for optic cup localization in glaucoma detection. , 2014, 2014, 5418-21.		2
112	Qualitative Evaluation of the Iris and Ciliary Body by Ultrasound Biomicroscopy in Subjects With Angle Closure. Journal of Glaucoma, 2014, 23, 583-588.	1.6	53
113	Development of a Score and Probability Estimate for Detecting Angle Closure Based on Anterior Segment Optical Coherence Tomography. American Journal of Ophthalmology, 2014, 157, 32-38.e1.	3.3	25
114	Common variants near ABCA1 and in PMM2 are associated with primary open-angle glaucoma. Nature Genetics, 2014, 46, 1115-1119.	21.4	160
115	Sectoral variations of iridocorneal angle width and iris volume in Chinese Singaporeans: a swept-source optical coherence tomography study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1127-1132.	1.9	29
116	Assessment of trabecular meshwork width using swept source optical coherence tomography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 1587-1592.	1.9	52
117	Swept source optical coherence tomography measurement of the irisâ€“trabecular contact (ITC) index: a new parameter for angle closure. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 1205-1211.	1.9	50
118	Differential Associations of Myopia with Major Age-related Eye Diseases. Ophthalmology, 2013, 120, 284-291.	5.2	130
119	Classification Algorithms Based on Anterior Segment Optical Coherence Tomography Measurements for Detection of Angle Closure. Ophthalmology, 2013, 120, 48-54.	5.2	71
120	Relationship between Intraocular Pressure and Angle Configuration: An Anterior Segment OCT Study. , 2013, 54, 1650.		29
121	Assessment of Circumferential Angle-Closure by the Irisâ€“Trabecular Contact Index with Swept-Source Optical Coherence Tomography. Ophthalmology, 2013, 120, 2226-2231.	5.2	59
122	Automatic notch detection in retinal images. , 2013, , .		9
123	Optic disk localization by a robust fusion method. Proceedings of SPIE, 2013, , .	0.8	0
124	Automatic segmentation of the choroid in enhanced depth imaging optical coherence tomography images. Biomedical Optics Express, 2013, 4, 397.	2.9	87
125	Effect of prophylactic laser iridotomy on corneal endothelial cell density over 3â€“years in primary angle closure suspects. British Journal of Ophthalmology, 2013, 97, 258-261.	3.9	29
126	Anterior Segment Optical Coherence Tomography Parameters in Subtypes of Primary Angle Closure. , 2013, 54, 5281.		80

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127	Automated anterior chamber angle localization and glaucoma type classification in OCT images. , 2013, 2013, 7380-3.		16
128	Validity of a new optic disc grading software for use in clinical and epidemiological research. Clinical and Experimental Ophthalmology, 2013, 41, 842-852.	2.6	9
129	Can Intraocular Pressure Asymmetry Indicate Undiagnosed Primary Glaucoma? The Chennai Glaucoma Study. Journal of Glaucoma, 2013, 22, 31-35.	1.6	7
130	Variations in Iris Volume with Physiologic Mydriasis in Subtypes of Primary Angle Closure Glaucoma. , 2013, 54, 708.		43
131	The Prevalence and Types of Glaucoma in an Urban Indian Population: The Singapore Indian Eye Study. , 2013, 54, 4621.		57
132	Comparison of Two Spectral Domain Optical Coherence Tomography Devices for Angle-Closure Assessment. , 2012, 53, 5131.		36
133	Automatic measurements of choroidal thickness in EDI-OCT images. , 2012, 2012, 5360-3.		9
134	Efficient optic cup localization using regional propagation based on retinal structure priors. , 2012, 2012, 1430-3.		3
135	Anterior chamber angle classification using multiscale histograms of oriented gradients for glaucoma subtype identification. , 2012, 2012, 3167-70.		11
136	In Vivo Analysis of Vectors Involved in Pupil Constriction in Chinese Subjects with Angle Closure. , 2012, 53, 6756.		23
137	Change in Iris Parameters with Physiological Mydriasis. Optometry and Vision Science, 2012, 89, 483-488.	1.2	16
138	Angle Assessment by EyeCam, Goniophotography, and Gonioscopy. Journal of Glaucoma, 2012, 21, 493-497.	1.6	30
139	Clinical Characterization of Young Chinese Myopes With Optic Nerve and Visual Field Changes Resembling Glaucoma. Journal of Glaucoma, 2012, 21, 281-286.	1.6	17
140	Comparison of EyeCam and anterior segment optical coherence tomography in detecting angle closure. Acta Ophthalmologica, 2012, 90, e621-5.	1.1	15
141	Pupil dynamics in Chinese subjects with angle closure. Graefes's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1353-1359.	1.9	22
142	An ensembling approach for optic cup detection based on spatial heuristic analysis in retinal fundus images. , 2012, 2012, 1426-9.		5
143	Genome-wide association analyses identify three new susceptibility loci for primary angle closure glaucoma. Nature Genetics, 2012, 44, 1142-1146.	21.4	196
144	Changes in Anterior Segment Morphology after Laser Peripheral Iridotomy: An Anterior Segment Optical Coherence Tomography Study. Ophthalmology, 2012, 119, 1383-1387.	5.2	78

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145	Imaging of the Iridocorneal Angle with the RTVue Spectral Domain Optical Coherence Tomography. , 2012, 53, 1710.		25
146	Automatic optic disc segmentation with peripapillary atrophy elimination. , 2011, 2011, 6224-7.		31
147	Lens Vault, Thickness, and Position in Chinese Subjects with Angle Closure. Ophthalmology, 2011, 118, 474-479.	5.2	291
148	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
149	Automatic Anterior Chamber Angle Assessment for HD-OCT Images. IEEE Transactions on Biomedical Engineering, 2011, 58, 3242-3249.	4.2	51
150	High frequency plant regeneration from the mature seeds of Garcinia indica. Biologia Plantarum, 2011, 55, 554-558.	1.9	4
151	Optic Disc Dimensions and Cup-Disc Ratios among Healthy South Indians: The Chennai Glaucoma Study. Ophthalmic Epidemiology, 2011, 18, 189-197.	1.7	11
152	Use of EyeCam for Imaging the Anterior Chamber Angle. , 2010, 51, 2993.		27
153	The Chennai glaucoma study: Prevalence and risk factors for glaucoma in cataract operated eyes in urban Chennai. Indian Journal of Ophthalmology, 2010, 58, 243.	1.1	25
154	Outcomes of cataract surgery in a rural and urban south Indian population. Indian Journal of Ophthalmology, 2010, 58, 223.	1.1	28
155	Diagnostic Performance of Anterior Chamber Angle Measurements for Detecting Eyes With Narrow Angles. JAMA Ophthalmology, 2010, 128, 1321.	2.4	137
156	Demonstration of Angle Widening Using EyeCam After Laser Peripheral Iridotomy in Eyes With Angle Closure. American Journal of Ophthalmology, 2010, 149, 903-907.	3.3	11
157	Determinants of glaucoma awareness and knowledge in urban Chennai. Indian Journal of Ophthalmology, 2009, 57, 355.	1.1	114
158	Diurnal Intraocular Pressure Fluctuation and Associated Risk Factors in Eyes with Angle Closure. Ophthalmology, 2009, 116, 2300-2304.	5.2	51
159	Follow-up of Primary Angle Closure Suspects After Laser Peripheral Iridotomy Using Ultrasound Biomicroscopy and A-Scan Biometry for a Period of 2 Years. Journal of Glaucoma, 2009, 18, 521-527.	1.6	67
160	Comparison of Humphrey MATRIX and Swedish interactive threshold algorithm standard strategy in detecting early glaucomatous visual field loss. Indian Journal of Ophthalmology, 2009, 57, 207.	1.1	2
161	Prevalence of Primary Open-angle Glaucoma in an Urban South Indian Population and Comparison with a Rural Population. Ophthalmology, 2008, 115, 648-654.e1.	5.2	191
162	Prevalence of Primary Angle-Closure Disease in an Urban South Indian Population and Comparison with a Rural Population. Ophthalmology, 2008, 115, 655-660.e1.	5.2	138

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163	Prevalence of Plateau Iris in Primary Angle Closure Suspects. <i>Ophthalmology</i> , 2008, 115, 430-434.	5.2	131
164	Confirmation of the Presence of Uveal Effusion in Asian Eyes With Primary Angle Closure Glaucoma. <i>JAMA Ophthalmology</i> , 2008, 126, 1647.	2.4	74
165	National Survey of Ophthalmologists in Singapore for the Assessment and Management of Asymptomatic Angle Closure. <i>Journal of Glaucoma</i> , 2008, 17, 1-4.	1.6	14
166	Comparison of refractive errors and factors associated with spectacle use in a rural and urban South Indian population. <i>Indian Journal of Ophthalmology</i> , 2008, 56, 139.	1.1	36
167	Agreement between two Goldmann type applanation tonometers. <i>Indian Journal of Ophthalmology</i> , 2008, 56, 516.	1.1	4
168	Comparison of anterior chamber depth measurements using the IOLMaster, scanning peripheral anterior chamber depth analyser, and anterior segment optical coherence tomography. <i>British Journal of Ophthalmology</i> , 2007, 91, 1023-1026.	3.9	64
169	Gender Variation in Ocular Biometry and Ultrasound Biomicroscopy of Primary Angle Closure Suspects and Normal Eyes. <i>Journal of Glaucoma</i> , 2007, 16, 122-128.	1.6	28
170	Transforming Growth Factor β -1 Δ 509C>T Polymorphism in Indian Patients with Primary Open Angle Glaucoma. <i>Molecular Diagnosis and Therapy</i> , 2007, 11, 151-154.	3.8	9
171	Correspondence. <i>Clinical and Experimental Ophthalmology</i> , 2007, 35, 881-882.	2.6	0
172	A randomized, crossover, open label pilot study to evaluate the efficacy and safety of Xalatan \AA in comparison with generic Latanoprost (Latanoprost) in subjects with primary open angle glaucoma or ocular hypertension. <i>Indian Journal of Ophthalmology</i> , 2007, 55, 127.	1.1	66
173	Intraocular Pressure Changes and Ocular Biometry during Sirsasana (Headstand Posture) in Yoga Practitioners. <i>Ophthalmology</i> , 2006, 113, 1327-1332.	5.2	90
174	Frosted cylindrical lens induced artefact on Humphrey automated perimetry. <i>Australasian journal of optometry, The</i> , 2006, 89, 26-29.	1.3	0
175	Influence of tobacco use on cataract development. <i>British Journal of Ophthalmology</i> , 2006, 90, 1374-1377.	3.9	52
176	Prevalence and causes of blindness in the rural population of the Chennai Glaucoma Study. <i>British Journal of Ophthalmology</i> , 2006, 90, 407-410.	3.9	70
177	Central corneal thickness and its relationship to myopia in Chinese adults. <i>British Journal of Ophthalmology</i> , 2006, 90, 1451-1453.	3.9	61
178	Evaluation of Tonometric Correction Factors. <i>Journal of Glaucoma</i> , 2005, 14, 337-343.	1.6	71
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