

Rajiv Raman

List of Publications by Year in descending order

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Version: 2024-02-01

246
papers

9,957
citations

117453

34
h-index

43802

91
g-index

253
all docs

253
docs citations

253
times ranked

11830
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Optical Coherence Tomography-Based Prevalence of Diabetic Macular Edema and its Associated Risk Factors in Urban South India: A Population-Based Study. <i>Ophthalmic Epidemiology</i> , 2022, 29, 149-155.	0.8	7
3	Diagnostic circulating biomarkers to detect vision-threatening diabetic retinopathy: Potential screening tool of the future?. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	12
4	Relationship of fractal analysis in retinal microvasculature with demographic and diagnostic parameters. <i>Microvascular Research</i> , 2022, 139, 104237.	1.1	2
5	Deep Learning to Detect OCT-derived Diabetic Macular Edema from Color Retinal Photographs. <i>Ophthalmology Retina</i> , 2022, 6, 398-410.	1.2	22
6	Role of microperimetry in evaluating disease progression in age-related macular degeneration: a scoping review. <i>International Ophthalmology</i> , 2022, , 1.	0.6	1
7	Evaluating a Deep Learning Diabetic Retinopathy Grading System Developed on Mydriatic Retinal Images When Applied to Non-Mydriatic Community Screening. <i>Journal of Clinical Medicine</i> , 2022, 11, 614.	1.0	8
8	A living legend with an extraordinary vision who changed the perspective of ophthalmology in India – Padma Bhushan Dr. Sengamedu Srinivasa Badrinath. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 1080.	0.5	0
9	Revised Glycemic Index for Diagnosing and Monitoring of Diabetes Mellitus in South Indian Population. <i>Cureus</i> , 2022, 14, e22510.	0.2	0
10	Clinical explainable differential diagnosis of polypoidal choroidal vasculopathy and age-related macular degeneration using deep learning. <i>Computers in Biology and Medicine</i> , 2022, 143, 105319.	3.9	13
11	Real-time diabetic retinopathy screening by deep learning in a multisite national screening programme: a prospective interventional cohort study. <i>The Lancet Digital Health</i> , 2022, 4, e235-e244.	5.9	82
12	Multicenter Evaluation of Diagnostic Circulating Biomarkers to Detect Sight-Threatening Diabetic Retinopathy. <i>JAMA Ophthalmology</i> , 2022, 140, 587.	1.4	10
13	Development of Immersive Virtual Reality Environment for Assessment of Functional Vision in people with Low Vision: A Pilot Study. <i>Nepalese Journal of Ophthalmology</i> , 2022, 14, 19-30.	0.1	1
14	Correlating the patterns of diabetic macular edema, optical coherence tomography biomarkers and grade of diabetic retinopathy with stage of renal disease. <i>International Ophthalmology</i> , 2022, 42, 3333-3343.	0.6	1
15	On the Geometric Set Multicover Problem. <i>Discrete and Computational Geometry</i> , 2022, 68, 566-591.	0.4	2
16	Early retinal functional alteration in relation to diabetes duration in patients with type 2 diabetes without diabetic retinopathy. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
17	Choroidal Structural Changes in Sympathetic Ophthalmia on Swept-Source Optical Coherence Tomography. <i>Ocular Immunology and Inflammation</i> , 2021, 29, 537-542.	1.0	17
18	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

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19	Comparison of various fractal analysis methods for retinal images. Biomedical Signal Processing and Control, 2021, 63, 102245.	3.5	5
20	Impact of treatment of diabetic macular edema on visual impairment in people with diabetes mellitus in India. Indian Journal of Ophthalmology, 2021, 69, 671.	0.5	8
21	Impact on health and provision of healthcare services during the COVID-19 lockdown in India: a multicentre cross-sectional study. BMJ Open, 2021, 11, e043590.	0.8	53
22	Diabetic retinopathy screening guidelines in India: All India Ophthalmological Society diabetic retinopathy task force and Vitreoretinal Society of India Consensus Statement. Indian Journal of Ophthalmology, 2021, 69, 678.	0.5	31
23	The Burden of Non-communicable Diseases and Diabetic Retinopathy. , 2021, , 197-228.		0
24	Incidence and risk factors for retinal detachment following laser-assisted in-situ keratomileusis. Indian Journal of Ophthalmology, 2021, 69, 1856.	0.5	1
25	Visual outcomes following cataract surgery with intraocular lens implantation in vitrectomized eyes among children. Indian Journal of Ophthalmology, 2021, 69, 2078.	0.5	1
26	Detection of Diabetic Retinopathy from Ultra-Widefield Scanning Laser Ophthalmoscope Images: A Multicenter Deep Learning Analysis. Ophthalmology Retina, 2021, 5, 1097-1106.	1.2	36
27	EARLY SPECTRAL-DOMAIN OPTICAL COHERENCE TOMOGRAPHY BIOMARKERS TO CONFIRM FELLOW EYE CHANGES IN ASYMMETRIC TYPE-2 MACULAR TELANGIECTASIA. Retina, 2021, 41, 471-479.	1.0	7
28	Deep learning for gradability classification of handheld, non-mydratic retinal images. Scientific Reports, 2021, 11, 9469.	1.6	10
29	Evaluation of Explainable Deep Learning Methods for Ophthalmic Diagnosis. Clinical Ophthalmology, 2021, Volume 15, 2573-2581.	0.9	21
30	Is immediate treatment necessary for diabetic macular edema after pars plana vitrectomy for tractional complications of proliferative diabetic retinopathy?. International Ophthalmology, 2021, 41, 3607-3614.	0.6	1
31	Impact of living with a bilateral central vision loss due to geographic atrophy” qualitative study. BMJ Open, 2021, 11, e047861.	0.8	2
32	Attendance Rate in Patients with Diabetic Macular Edema Receiving Short Messages. Ophthalmology Retina, 2021, 5, 1054-1056.	1.2	1
33	The yield of diabetic retinopathy screening in patients with long-standing diabetes. Indian Journal of Ophthalmology, 2021, 69, 1014.	0.5	0
34	Partial visual loss disrupts the relationship between judged room size and sound source distance. Experimental Brain Research, 2021, , 1.	0.7	5
35	Identifying Peripheral Neuropathy in Colour Fundus Photographs Based on Deep Learning. Diagnostics, 2021, 11, 1943.	1.3	6
36	Relationship between triglyceride glucose index, retinopathy and nephropathy in Type 2 diabetes. Endocrinology, Diabetes and Metabolism, 2021, 4, e00151.	1.0	23

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37	The ORNATE India project: Building research capacity and capability to tackle the burden of diabetic retinopathy-related blindness in India. Indian Journal of Ophthalmology, 2021, 69, 3058.	0.5	0
38	Severity of diabetic retinopathy and its relationship with age at onset of diabetes mellitus in India: A multicentric study. Indian Journal of Ophthalmology, 2021, 69, 3255.	0.5	9
39	Diabetic macular edema treatment guidelines in India: All India Ophthalmological Society Diabetic Retinopathy Task Force and Vitreoretinal Society of India consensus statement. Indian Journal of Ophthalmology, 2021, 69, 3076.	0.5	7
40	Using artificial intelligence for diabetic retinopathy screening: Policy implications. Indian Journal of Ophthalmology, 2021, 69, 2993.	0.5	13
41	The All India Ophthalmological Society - Academic and Research Committee pan-India diabetic retinopathy project "Fixing the missing link": Prevalence data from West Bengal. Indian Journal of Ophthalmology, 2021, 69, 3103.	0.5	3
42	Narrative review of artificial intelligence in diabetic macular edema: Diagnosis and predicting treatment response using optical coherence tomography. Indian Journal of Ophthalmology, 2021, 69, 2999.	0.5	10
43	Identification of risk factors for targeted diabetic retinopathy screening to urgently decrease the rate of blindness in people with diabetes in India. Indian Journal of Ophthalmology, 2021, 69, 3156.	0.5	4
44	The blue circle and 100 years of insulin discovery. Indian Journal of Ophthalmology, 2021, 69, 2920.	0.5	1
45	Prevalence, risk factors and association with glycemic levels of presbyopia in South Indian population. Indian Journal of Ophthalmology, 2021, 69, 3173.	0.5	2
46	Bilateral Choroidal Osteomas With Choroidal Neovascularization. JAMA Ophthalmology, 2020, 138, e190059.	1.4	1
47	<p>Contrast-Sensitivity Function and Photo Stress"Recovery Time in Prediabetes</p>. Clinical Optometry, 2020, Volume 12, 151-155.	0.4	5
48	Constructing Planar Support for Non-Piercing Regions. Discrete and Computational Geometry, 2020, 64, 1098-1122.	0.4	5
49	Evaluation of Macular Pigment Optical Density in Healthy Eyes Based on Dual-Wavelength Autofluorescence Imaging in South Indian Population. Translational Vision Science and Technology, 2020, 9, 40.	1.1	6
50	Longitudinal Screening for Diabetic Retinopathy in a Nationwide Screening Program: Comparing Deep Learning and Human Graders. Journal of Diabetes Research, 2020, 2020, 1-8.	1.0	10
51	The accuracy of auditory spatial judgments in the visually impaired is dependent on sound source distance. Scientific Reports, 2020, 10, 7169.	1.6	14
52	Artificial Intelligence in Ophthalmology: Evolutions in Asia. Asia-Pacific Journal of Ophthalmology, 2020, 9, 78-84.	1.3	18
53	Correlation between markers of renal function and sight-threatening diabetic retinopathy in type 2 diabetes: a longitudinal study in an Indian clinic population. BMJ Open Diabetes Research and Care, 2020, 8, e001325.	1.2	23
54	Aerosol prevention box for regional anaesthesia for eye surgery in COVID times. Eye, 2020, 34, 2155-2156.	1.1	4

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55	Prevalence and Pattern of Geographic Atrophy in Asia. <i>Ophthalmology</i> , 2020, 127, 1371-1381.	2.5	34
56	Correlation of retinal changes with choroidal changes in acute and recurrent central serous chorioretinopathy assessed by swept-source optical coherence tomography. <i>Therapeutic Advances in Ophthalmology</i> , 2020, 12, 251584141989982.	0.8	3
57	Prevalence of polypoidal choroidal vasculopathy in Indian population: Risk factors, clinical and imaging characteristics. <i>PLoS ONE</i> , 2020, 15, e0231901.	1.1	3
58	Development of an automated system for the detection of genotype in polypoidal choroidal vasculopathy using retinal image phenotype. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 192, 105460.	2.6	1
59	Use of augmented reality technology for improving visual acuity of individuals with low vision. <i>Indian Journal of Ophthalmology</i> , 2020, 68, 1136.	0.5	11
60	Commentary: Artificial intelligence and smartphone fundus photography – Are we at the cusp of revolutionary changes in retinal disease detection?. <i>Indian Journal of Ophthalmology</i> , 2020, 68, 396.	0.5	4
61	A prospective comparison of the efficacy of 0.5% bupivacaine vs 0.75% ropivacaine in peribulbar anesthesia for vitreoretinal surgery. <i>Indian Journal of Ophthalmology</i> , 2020, 68, 153.	0.5	6
62	Low-vision intervention in individuals with age-related macular degeneration. <i>Indian Journal of Ophthalmology</i> , 2020, 68, 886.	0.5	10
63	Artificial Intelligence in the Assessment of Macular Disorders. , 2020, , 89-118.		0
64	Patient and provider perspectives on barriers to screening for diabetic retinopathy: an exploratory study from southern India. <i>BMJ Open</i> , 2020, 10, e037277.	0.8	15
65	Protocol on a multicentre statistical and economic modelling study of risk-based stratified and personalised screening for diabetes and its complications in India (SMART India). <i>BMJ Open</i> , 2020, 10, e039657.	0.8	12
66	Diabetic retinopathy: A right time to intervene. <i>Indian Journal of Ophthalmology</i> , 2020, 68, 305.	0.5	3
67	Anti-angiogenic effect of adiponectin in human primary microvascular and macrovascular endothelial cells. <i>Microvascular Research</i> , 2019, 122, 136-145.	1.1	33
68	Visual impairment in high flow and low flow carotid cavernous fistula. <i>Scientific Reports</i> , 2019, 9, 12872.	1.6	16
69	Artificial intelligence applications for Ophthalmology: Current status. <i>Nepalese Journal of Ophthalmology</i> , 2019, 11, 1-4.	0.1	1
70	BILATERAL SIMULTANEOUS RHEGMATOGENOUS RETINAL DETACHMENT. <i>Retina</i> , 2019, 39, 1504-1509.	1.0	5
71	Optimization of an in vitro bilayer model for studying the functional interplay between human primary retinal pigment epithelial and choroidal endothelial cells isolated from donor eyes. <i>BMC Research Notes</i> , 2019, 12, 307.	0.6	10
72	Performance of a Deep-Learning Algorithm vs Manual Grading for Detecting Diabetic Retinopathy in India. <i>JAMA Ophthalmology</i> , 2019, 137, 987.	1.4	171

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73	Deep learning versus human graders for classifying diabetic retinopathy severity in a nationwide screening program. <i>Npj Digital Medicine</i> , 2019, 2, 25.	5.7	121
74	Age of Onset of Diabetes and Its Comparison with Prevalence and Risk Factors for Diabetic Retinopathy in a Rural Population of India. <i>Ophthalmic Research</i> , 2019, 61, 236-242.	1.0	10
75	Fundus photograph-based deep learning algorithms in detecting diabetic retinopathy. <i>Eye</i> , 2019, 33, 97-109.	1.1	109
76	Artificial intelligence and deep learning in ophthalmology. <i>British Journal of Ophthalmology</i> , 2019, 103, 167-175.	2.1	754
77	Adiponectin: A potential candidate for treating fibrosis in posterior segment of the eye. <i>Medical Hypotheses</i> , 2019, 123, 9-12.	0.8	7
78	Choroidal and Retinal Anatomical Responses Following Systemic Corticosteroid Therapy in Vogtâ€™Koyanagiâ€™Harada Disease Using Swept-Source Optical Coherence Tomography. <i>Ocular Immunology and Inflammation</i> , 2019, 27, 235-243.	1.0	23
79	INTRAOCULAR PRESSURE CHANGES AFTER DEXAMETHASONE IMPLANT IN PATIENTS WITH GLAUCOMA AND STEROID RESPONDERS. <i>Retina</i> , 2019, 39, 157-162.	1.0	14
80	The prevalence and risk factors for cataract in rural and urban India. <i>Indian Journal of Ophthalmology</i> , 2019, 67, 477.	0.5	45
81	Visual rehabilitation of patients with low vision in uveitis. <i>Indian Journal of Ophthalmology</i> , 2019, 67, 101.	0.5	2
82	Comparison of encirclage and cryotherapy with argon laser in the management of traumatic cyclodialysis cleft. <i>International Journal of Ophthalmology</i> , 2019, 12, 165-168.	0.5	5
83	Response to comment on: Association of obesity and age-related macular degeneration in Indian population. <i>Indian Journal of Ophthalmology</i> , 2019, 67, 184.	0.5	0
84	Management of macular edema with branch retinal vein occlusion in a case of secondary polycythemia. <i>GMS Ophthalmology Cases</i> , 2019, 9, Doc38.	0.1	1
85	Risk Factors for Endophthalmitis after Pars Plana Vitrectomies in a Tertiary Eye Institute in India. <i>Ophthalmology Retina</i> , 2018, 2, 779-784.	1.2	6
86	Constant factor approximation for the weighted partial degree bounded edge packing problem. <i>Journal of Combinatorial Optimization</i> , 2018, 36, 1243-1261.	0.8	0
87	On the approximability of the maximum interval constrained coloring problem. <i>Discrete Optimization</i> , 2018, 27, 57-72.	0.6	1
88	Identifying associated risk factors for severity of diabetic retinopathy from ordinal logistic regression models. <i>Biostatistics and Epidemiology</i> , 2018, 2, 34-46.	0.4	1
89	Incidence, Risk Factors, and Outcomes of Retinal Detachment after Pediatric Cataract Surgery. <i>Ophthalmology</i> , 2018, 125, 36-42.	2.5	33
90	Choroidal structural analysis in eyes with diabetic retinopathy and diabetic macular edemaâ€™A novel OCT based imaging biomarker. <i>PLoS ONE</i> , 2018, 13, e0207435.	1.1	54

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91	Need to improve awareness and treatment compliance in high-risk patients for diabetic complications in Nepal. <i>BMJ Open Diabetes Research and Care</i> , 2018, 6, e000525.	1.2	14
92	Choroidal thickness in normal Indian subjects using Swept source optical coherence tomography. <i>PLoS ONE</i> , 2018, 13, e0197457.	1.1	26
93	Packing and Covering with Non-Piercing Regions. <i>Discrete and Computational Geometry</i> , 2018, 60, 471-492.	0.4	9
94	Pupillary Abnormalities with Varying Severity of Diabetic Retinopathy. <i>Scientific Reports</i> , 2018, 8, 5636.	1.6	30
95	PIWI-like protein, HIWI2: A novel player in proliferative diabetic retinopathy. <i>Experimental Eye Research</i> , 2018, 177, 191-196.	1.2	14
96	Reply. <i>Ophthalmology Retina</i> , 2018, 2, e7-e8.	1.2	0
97	Understanding variable disease severity in X-linked retinoschisis: Does RS1 secretory mechanism determine disease severity?. <i>PLoS ONE</i> , 2018, 13, e0198086.	1.1	9
98	Incidence, microbiology, and outcomes of endophthalmitis after 111,876 pars plana vitrectomies at a single, tertiary eye care hospital. <i>PLoS ONE</i> , 2018, 13, e0191173.	1.1	36
99	Association of obesity and age-related macular degeneration in Indian population. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 976.	0.5	10
100	Influence of orientation of the external linear incision created by the 25-gauge trocar and related factors on sclerotomy closure: A clinical and optical coherence tomographic study. <i>Indian Journal of Ophthalmology</i> , 2018, 66, 1809.	0.5	2
101	Incidence, Progression, and Associated Risk Factors of Posterior Vitreous Detachment in Type 2 Diabetes Mellitus: Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetic Study (SN-DREAMS II, Report No. 7). <i>Seminars in Ophthalmology</i> , 2017, 32, 191-197.	0.8	5
102	Retinal sensitivity changes associated with diabetic neuropathy in the absence of diabetic retinopathy. <i>British Journal of Ophthalmology</i> , 2017, 101, 1174-1178.	2.1	26
103	High order interaction analysis of SNPs in PEDF (rs12150053, rs12948385) and EPO (rs1617640) genes with clinical determinants of type 2 diabetic retinopathy patients from south India. <i>Meta Gene</i> , 2017, 13, 92-98.	0.3	0
104	Influence of serum lipids on the incidence and progression of diabetic retinopathy and macular oedema: Sankara Nethralaya Diabetic Retinopathy Epidemiology And Molecular genetics Study. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 894-900.	1.3	21
105	Current Research Perspectives in Understanding Diabetic Retinopathy. <i>Essentials in Ophthalmology</i> , 2017, , 259-274.	0.0	1
106	Endophthalmitis after Intravitreal Bevacizumab Injection Using Pooling or Aliquoting Technique. <i>Ophthalmology Retina</i> , 2017, 1, 259-260.	1.2	2
107	Incidence and Progression of Diabetic Retinopathy in Urban India: Sankara Nethralaya-Diabetic Retinopathy Epidemiology and Molecular Genetics Study (SN-DREAMS II), Report 1. <i>Ophthalmic Epidemiology</i> , 2017, 24, 294-302.	0.8	42
108	The association of smokeless tobacco use and pack-years of smokeless tobacco with age-related macular degeneration in Indian population. <i>Cutaneous and Ocular Toxicology</i> , 2017, 36, 253-258.	0.5	5

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109	Enterococcus faecalis Endophthalmitis in Children – A 21 Year Study. Ocular Immunology and Inflammation, 2017, 26, 1-7.	1.0	6
110	Development and Validation of Non simultaneous Retinal Image Acquisition–Based Retinal Oximeter. Scientific Reports, 2017, 7, 4270.	1.6	0
111	Prevention of Age-Related Macular Degeneration. Asia-Pacific Journal of Ophthalmology, 2017, 6, 520-526.	1.3	10
112	Partial Visual Loss Affects Self-reports of Hearing Abilities Measured Using a Modified Version of the Speech, Spatial, and Qualities of Hearing Questionnaire. Frontiers in Psychology, 2017, 8, 561.	1.1	3
113	Incidence, Progression, and Risk Factors for Cataract in Type 2 Diabetes. , 2017, 58, 5921.		32
114	VISUAL FUNCTION CORRELATES OF FOVEAL SLOPE CHANGES ON OPTICAL COHERENCE TOMOGRAPHY IN MACULAR TELANGIECTASIA TYPE 2. Retina, 2017, 37, 2248-2253.	1.0	4
115	Influence of laser versus lens-sparing vitrectomy on myopia in children with retinopathy of prematurity. Indian Journal of Ophthalmology, 2017, 65, 841.	0.5	3
116	Four-year incidence and progression of visual impairment in a South Indian population with diabetes. Indian Journal of Ophthalmology, 2017, 65, 589.	0.5	2
117	Color vision abnormalities in type II diabetes: Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetics Study II report no 2. Indian Journal of Ophthalmology, 2017, 65, 989.	0.5	12
118	Improvement in distance and near visual acuities using low vision devices in diabetic retinopathy. Indian Journal of Ophthalmology, 2017, 65, 995.	0.5	8
119	Carotid cavernous fistula with central retinal artery occlusion and Terson syndrome after mid-facial trauma. GMS Ophthalmology Cases, 2017, 7, Doc12.	0.1	2
120	Carotid cavernous fistula masquerading as delayed suprachoroidal hemorrhage after trabeculectomy. GMS Ophthalmology Cases, 2017, 7, Doc20.	0.1	4
121	Development and Validation of a Diabetic Retinopathy Referral Algorithm Based on Single-Field Fundus Photography. PLoS ONE, 2016, 11, e0163108.	1.1	8
122	Development and Validation of a Deep Learning Algorithm for Detection of Diabetic Retinopathy in Retinal Fundus Photographs. JAMA - Journal of the American Medical Association, 2016, 316, 2402.	3.8	4,738
123	Reply. Ophthalmology, 2016, 123, e68.	2.5	0
124	Structural and functional retinal abnormalities in type 2 diabetes with obstructive sleep apnea. Sleep and Breathing, 2016, 20, 1005-1007.	0.9	0
125	Imaging drusens using Spectral Domain Optical Coherence Tomography. Saudi Journal of Ophthalmology, 2016, 30, 88-91.	0.3	1
126	Incidence, management, and visual outcomes in pediatric endophthalmitis following cataract surgery by a single surgeon. Journal of AAPOS, 2016, 20, 415-418.	0.2	13

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127	Five-Year Incidence and Visual Outcomes in Postintra vitreal Injection Endophthalmitis. <i>Ophthalmology</i> , 2016, 123, 1162-1164.	2.5	7
128	Comparison of photodynamic therapy, ranibizumab/bevacizumab or combination in the treatment of myopic choroidal neovascularisation: a 9-year-study from a single centre. <i>British Journal of Ophthalmology</i> , 2016, 100, 1337-1340.	2.1	9
129	Retinal sensitivity in subjects with type 2 diabetes mellitus: Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetics Study (SN-DREAMS II, Report No. 4). <i>British Journal of Ophthalmology</i> , 2016, 100, 808-813.	2.1	20
130	Evidence-based review of diabetic macular edema management: Consensus statement on Indian treatment guidelines. <i>Indian Journal of Ophthalmology</i> , 2016, 64, 14.	0.5	20
131	Diabetic retinopathy: An epidemic at home and around the world. <i>Indian Journal of Ophthalmology</i> , 2016, 64, 69.	0.5	61
132	Phenotypic characterization of X-linked retinoschisis: Clinical, electroretinography, and optical coherence tomography variables. <i>Indian Journal of Ophthalmology</i> , 2016, 64, 513.	0.5	10
133	Homocysteine & its metabolite homocysteine-thiolactone & deficiency of copper in patients with age related macular degeneration - A pilot study. <i>Indian Journal of Medical Research</i> , 2016, 143, 756.	0.4	7
134	Retinal sensitivity over hard exudates in diabetic retinopathy. <i>Journal of Ophthalmic and Vision Research</i> , 2015, 10, 160.	0.7	15
135	Assignment of trainees to software project requirements: A stable matching based approach. <i>Computers and Industrial Engineering</i> , 2015, 87, 228-237.	3.4	18
136	Macular thickness measurements using Copernicus Spectral Domain Optical Coherence Tomography. <i>Saudi Journal of Ophthalmology</i> , 2015, 29, 121-125.	0.3	13
137	Quasi-Polynomial Time Approximation Scheme for Weighted Geometric Set Cover on Pseudodisks and Halfspaces. <i>SIAM Journal on Computing</i> , 2015, 44, 1650-1669.	0.8	22
138	Local Anesthetic Agents for Vitreoretinal Surgery. <i>Ophthalmology</i> , 2015, 122, 1030-1033.	2.5	24
139	Telemedicine in diabetic retinopathy: Current status and future directions. <i>Middle East African Journal of Ophthalmology</i> , 2015, 22, 174.	0.5	43
140	Screening practices for diabetic retinopathy. <i>Expert Review of Ophthalmology</i> , 2015, 10, 519-521.	0.3	2
141	Fixation characteristics among subjects with diabetes: SN-DREAMS II, Report No. 5. <i>Canadian Journal of Ophthalmology</i> , 2015, 50, 302-309.	0.4	2
142	Impairment of Colour Vision in Diabetes with No Retinopathy: Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetics Study (SNDREAMS- II, Report 3). <i>PLoS ONE</i> , 2015, 10, e0129391.	1.1	27
143	Foveal slope measurements in diabetic retinopathy: Can it predict development of sight-threatening retinopathy? Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetics Study (SN-DREAMS II, Report no 8). <i>Indian Journal of Ophthalmology</i> , 2015, 63, 478.	0.5	5
144	Microperimetry biofeedback training in a patient with bilateral myopic macular degeneration with central scotoma. <i>Indian Journal of Ophthalmology</i> , 2015, 63, 534.	0.5	10

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145	Prenatal genetic diagnosis of retinoblastoma – clinical correlates on follow-up. Indian Journal of Ophthalmology, 2015, 63, 741.	0.5	8
146	Choroidal thickness in diabetic patients of Indian ethnicity. Indian Journal of Ophthalmology, 2015, 63, 912.	0.5	25
147	Optical coherence tomography in diabetic macular edema: sub-retinal fluid pattern and related risk factors. Nepalese Journal of Ophthalmology, 2014, 6, 123-124.	0.1	0
148	Retinal sensitivity in healthy Indians using microperimeter. Indian Journal of Ophthalmology, 2014, 62, 284.	0.5	8
149	Unilateral Punctate inner choroidopathy with choroidal neovascular membrane in a young male. Indian Journal of Ophthalmology, 2014, 62, 949.	0.5	2
150	Automated diabetic retinopathy imaging in Indian eyes: A pilot study. Indian Journal of Ophthalmology, 2014, 62, 1121.	0.5	12
151	Settling the APX-Hardness Status for Geometric Set Cover. , 2014, , .		12
152	Aditya Jyot-Diabetic Retinopathy in Urban Mumbai Slums Study (AJ-DRUMSS): Study Design and Methodology – Report 1. Ophthalmic Epidemiology, 2014, 21, 51-60.	0.8	15
153	Prevalence and risk factors for diabetic retinopathy in rural India. Sankara Nethralaya Diabetic Retinopathy Epidemiology and Molecular Genetic Study III (SN-DREAMS III), report no 2. BMJ Open Diabetes Research and Care, 2014, 2, e000005.	1.2	113
154	Spectral domain optical coherence tomography characteristics in diabetic retinopathy. Oman Journal of Ophthalmology, 2014, 7, 126.	0.2	6
155	An SDP Primal-Dual Algorithm for Approximating the Lovász-Theta Function. Algorithmica, 2014, 69, 605-618.	1.0	0
156	Teleophthalmology in Diabetic Retinopathy. Journal of Diabetes Science and Technology, 2014, 8, 262-266.	1.3	47
157	Association of systemic and ocular risk factors with neurosensory retinal detachment in diabetic macular edema: a case–control study. BMC Ophthalmology, 2014, 14, 47.	0.6	15
158	Perspectives on Urban Sanitation, Liveability and Peri-urban Futures of Indian Cities. Water Science and Technology Library, 2014, , 181-200.	0.2	0
159	Evaluation of the effectiveness of diagnostic & management decision by teleophthalmology for retinal diseases. Indian Journal of Medical Research, 2014, 139, 954-5.	0.4	0
160	How accurate is the diagnosis of diabetic retinopathy on telescreening? The Indian scenario. Rural and Remote Health, 2014, 14, 2809.	0.4	9
161	Current State of Care for Diabetic Retinopathy in India. Current Diabetes Reports, 2013, 13, 460-468.	1.7	36
162	Telescreening for Diabetic Retinopathy. , 2013, , 1006-1011.		1

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