

Tos T J M Berendschot

List of Publications by Year in descending order

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Version: 2024-02-01

266
papers

8,652
citations

53939

47
h-index

84171

75
g-index

268
all docs

268
docs citations

268
times ranked

7910
citing authors

#	ARTICLE	IF	CITATIONS
1	Excimer laser-assisted corneal epithelial pattern ablation for corneal cross-linking. <i>Acta Ophthalmologica</i> , 2022, 100, 422-430.	0.6	1
2	Habitual intake of dietary advanced glycation end products is not associated with generalized microvascular function—the Maastricht Study. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 444-455.	2.2	8
3	A double-pass fundus reflection model for efficient single retinal image enhancement. <i>Signal Processing</i> , 2022, 192, 108400.	2.1	16
4	Ocular findings in 22q11.2 deletion syndrome: A systematic literature review and results of a Dutch multicenter study. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 569-578.	0.7	6
5	Extracerebral microvascular dysfunction is related to brain MRI markers of cerebral small vessel disease: The Maastricht Study. <i>GeroScience</i> , 2022, 44, 147-157.	2.1	10
6	High C-Reactive Protein Levels Are Related to Better Survival in Patients with Uveal Melanoma. <i>Ophthalmology Science</i> , 2022, 2, 100117.	1.0	2
7	A 4-week high-AGE diet does not impair glucose metabolism and vascular function in obese individuals. <i>JCI Insight</i> , 2022, 7, .	2.3	14
8	Single Cell Analysis of Reversibility of the Cell Death Program in Ethanol-Treated Neuronal PC12 Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2650.	1.8	6
9	Deep learning model using retinal vascular images for classifying schizophrenia. <i>Schizophrenia Research</i> , 2022, 241, 238-243.	1.1	12
10	The use of optical coherence tomography angiography in comparing choriocapillaris recovery between two treatment strategies for multifocal choroiditis: a pilot clinical trial. <i>Journal of Ophthalmic Inflammation and Infection</i> , 2022, 12, 12.	1.2	1
11	Association between retinal vascular measures and brain white matter lesions in schizophrenia. <i>Asian Journal of Psychiatry</i> , 2022, 70, 103042.	0.9	5
12	Vascular risk factors for optical coherence tomography-detected macular cysts: The Maastricht Study. <i>Acta Ophthalmologica</i> , 2021, 99, e860-e868.	0.6	1
13	Contributing ocular comorbidity to end-of-life visual acuity in medically treated glaucoma patients, ocular hypertension and glaucoma suspect patients. <i>Eye</i> , 2021, 35, 883-891.	1.1	3
14	Fasting and post-oral-glucose-load levels of methylglyoxal are associated with microvascular, but not macrovascular, disease in individuals with and without (pre)diabetes: The Maastricht Study. <i>Diabetes and Metabolism</i> , 2021, 47, 101148.	1.4	14
15	XEN Gel Stent compared to PRESERFLO, MicroShunt implantation for primary open-angle glaucoma: two-year results. <i>Acta Ophthalmologica</i> , 2021, 99, e433-e440.	0.6	68
16	Effect of combined water drinking test and dark room provocative testing in Caucasian eyes with narrow angles. <i>Eye</i> , 2021, .	1.1	3
17	Raman spectroscopic detection of interleukin-10 and angiotensin converting enzyme. <i>Journal of the European Optical Society-Rapid Publications</i> , 2021, 17, .	0.9	4
18	Sex differences in the association of prediabetes and type 2 diabetes with microvascular complications and function: The Maastricht Study. <i>Cardiovascular Diabetology</i> , 2021, 20, 102.	2.7	23

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19	Carotid stiffness is associated with retinal microvascular dysfunctionâ€”The Maastricht study. <i>Microcirculation</i> , 2021, 28, e12702.	1.0	4
20	Plasma GDF-15 concentration is not elevated in open-angle glaucoma. <i>PLoS ONE</i> , 2021, 16, e0252630.	1.1	6
21	Design and performance of a darkâ€field probe with confocal Raman spectroscopy for ophthalmic applications. <i>Journal of Raman Spectroscopy</i> , 2021, 52, 1371.	1.2	2
22	Overflow phenomenon in serum lutein after supplementation: a systematic review supported with SNPs analyses. <i>International Journal of Ophthalmology</i> , 2021, 14, 1114-1119.	0.5	0
23	Association between retinal vascular caliber and brain structure in schizophrenia. <i>Asian Journal of Psychiatry</i> , 2021, 61, 102707.	0.9	9
24	Retinal Microvascular Alterations in Patients with Quiescent Posterior and Panuveitis Using Optical Coherence Tomography Angiography. <i>Ocular Immunology and Inflammation</i> , 2021, , 1-7.	1.0	1
25	Cost analysis of mydriasis strategies in cataract surgery care in the Netherlands. <i>Journal of Cataract and Refractive Surgery</i> , 2021, 47, 982-990.	0.7	9
26	Changes in visual outcomes and ocular morphometrics after foldable myopic and toric intraocular lens implantation. <i>Journal of Cataract and Refractive Surgery</i> , 2021, Publish Ahead of Print, .	0.7	2
27	Repeatability, reproducibility, and agreement of three tonometers for measuring intraocular pressure in rabbits. <i>Scientific Reports</i> , 2021, 11, 19217.	1.6	6
28	Harnessing abruptly auto-defocusing beam to enhance the Raman signal in aqueous humor: A simulation analysis. <i>Optics Communications</i> , 2021, 496, 127125.	1.0	0
29	Early Visual Functional Outcomes and Morphological Responses to Anti-Vascular Growth Factor Therapy in Diabetic Macular Oedema Using Optical Coherence Tomography Angiography. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 331-339.	0.9	5
30	Association of Retinal Nerve Fiber Layer Thickness, an Index of Neurodegeneration, With Depressive Symptoms Over Time. <i>JAMA Network Open</i> , 2021, 4, e2134753.	2.8	7
31	Microvascular Dysfunction Is Associated With Worse Cognitive Performance. <i>Hypertension</i> , 2020, 75, 237-245.	1.3	47
32	Five years outcomes after corneal cross-linking for keratoconus. <i>Journal of EuCornea</i> , 2020, 6, 9-12.	0.5	0
33	Risk Factors for the Development of Ocular Hypertension After Keratoplasty: A Systematic Review. <i>Cornea</i> , 2020, 39, 394-402.	0.9	11
34	Higher levels of daily physical activity are associated with better skin microvascular function in type 2 diabetesâ€”The Maastricht Study. <i>Microcirculation</i> , 2020, 27, e12611.	1.0	7
35	Blood pressure variability and microvascular dysfunction: the Maastricht Study. <i>Journal of Hypertension</i> , 2020, 38, 1541-1550.	0.3	11
36	Micropulse Trans-scleral Cyclophotocoagulation in Patients With Glaucoma: 1- and 2-Year Treatment Outcomes. <i>Journal of Glaucoma</i> , 2020, 29, 794-798.	0.8	35

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37	Enzymatic Digestion of Porcine Corneas Cross-linked by Hypo- and Hyperosmolar Formulations of Riboflavin/ultraviolet A or WST11/Near-Infrared Light. <i>Translational Vision Science and Technology</i> , 2020, 9, 4.	1.1	4
38	Urinary Phosphate Excretion and Microvascular Function in a Population-Based Cohort. <i>Kidney Medicine</i> , 2020, 2, 812-815.	1.0	1
39	Type 2 diabetes and HbA1c are independently associated with wider retinal arterioles: the Maastricht study. <i>Diabetologia</i> , 2020, 63, 1408-1417.	2.9	18
40	Automatic corneal nerve fiber segmentation and geometric biomarker quantification. <i>European Physical Journal Plus</i> , 2020, 135, 1.	1.2	10
41	Association of Markers of Microvascular Dysfunction With Prevalent and Incident Depressive Symptoms. <i>Hypertension</i> , 2020, 76, 342-349.	1.3	18
42	Pipeline for the removal of hardware related artifacts and background noise for Raman spectroscopy. <i>MethodsX</i> , 2020, 7, 100883.	0.7	9
43	Reduced corneal nerve fibre length in prediabetes and type 2 diabetes: The Maastricht Study. <i>Acta Ophthalmologica</i> , 2020, 98, 485-491.	0.6	14
44	Relation between retinal vascular abnormalities and working memory impairment in patients with schizophrenia and bipolar disorder. <i>Asian Journal of Psychiatry</i> , 2020, 49, 101942.	0.9	21
45	Microvascular Phenotyping in the Maastricht Study: Design and Main Findings, 2010–2018. <i>American Journal of Epidemiology</i> , 2020, 189, 873-884.	1.6	23
46	Comparison of the intermediate distance of a trifocal IOL with an extended depth-of-focus IOL: results of a prospective randomized trial. <i>Journal of Cataract and Refractive Surgery</i> , 2020, 46, 193-203.	0.7	37
47	A systematic approach to evaluate practice-based process- and outcome data applied to the treatment of neovascular age-related macular degeneration. <i>BMC Ophthalmology</i> , 2020, 20, 21.	0.6	1
48	Associations of Arterial Stiffness With Cognitive Performance, and the Role of Microvascular Dysfunction. <i>Hypertension</i> , 2020, 75, 1607-1614.	1.3	29
49	Dark-field illumination in conjunction with confocal Raman spectroscopy for real-time noninvasive aqueous humor investigation. <i>Optical Engineering</i> , 2020, 59, 1.	0.5	1
50	Direct classification of type 2 diabetes from retinal fundus images in a population-based sample from The Maastricht Study. , 2020, , .		5
51	Need for manual segmentation in optical coherence tomography angiography of neovascular age-related macular degeneration. <i>PLoS ONE</i> , 2020, 15, e0244828.	1.1	4
52	Phakic intraocular lenses: An overview. <i>Indian Journal of Ophthalmology</i> , 2020, 68, 2779.	0.5	17
53	Title is missing!. , 2020, 15, e0244828.		0
54	Title is missing!. , 2020, 15, e0244828.		0

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55	Title is missing!. , 2020, 15, e0244828.		0
56	Title is missing!. , 2020, 15, e0244828.		0
57	Examination of retinal vascular trajectory in schizophrenia and bipolar disorder. <i>Psychiatry and Clinical Neurosciences</i> , 2019, 73, 738-744.	1.0	27
58	Risk factors for explantation of iris-fixated phakic intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1092-1098.	0.7	18
59	Habitual higher order aberrations affect Landolt but not Vernier acuity. <i>Journal of Vision</i> , 2019, 19, 11.	0.1	7
60	Long-term changes in visual outcomes and ocular morphometrics after myopic and toric phakic intraocular lens implantation: Five- and 10-year results. <i>Journal of Cataract and Refractive Surgery</i> , 2019, 45, 1470-1479.	0.7	6
61	Quality of vision after ultrathin descemet stripping automated endothelial keratoplasty: a multicentre randomized clinical trial. <i>Acta Ophthalmologica</i> , 2019, 97, e671-e672.	0.6	3
62	Retinal vascular tortuosity in schizophrenia and bipolar disorder. <i>Schizophrenia Research</i> , 2019, 212, 26-32.	1.1	31
63	Confocal Raman spectroscopy: Evaluation of a non-invasive technique for the detection of topically applied ketorolac tromethamine in vitro and in vivo. <i>International Journal of Pharmaceutics</i> , 2019, 570, 118641.	2.6	12
64	Retinal vascular fractal dimension in bipolar disorder and schizophrenia. <i>Journal of Affective Disorders</i> , 2019, 259, 98-103.	2.0	26
65	Retinal vascular abnormalities in schizophrenia and bipolar disorder: A window to the brain. <i>Bipolar Disorders</i> , 2019, 21, 634-641.	1.1	45
66	Retinal oximetry in normal and amblyopic children: a pilot study. <i>Acta Ophthalmologica</i> , 2019, 97, 684-687.	0.6	2
67	Validation of Computerized Quantification of Ocular Redness. <i>Translational Vision Science and Technology</i> , 2019, 8, 31.	1.1	16
68	The oral glucose tolerance test-derived incremental glucose peak is associated with greater arterial stiffness and maladaptive arterial remodeling: The Maastricht Study. <i>Cardiovascular Diabetology</i> , 2019, 18, 152.	2.7	17
69	InÂvitro and inÂvivo datasets of topically applied ketorolac tromethamine in aqueous humor using Raman spectroscopy. <i>Data in Brief</i> , 2019, 27, 104694.	0.5	3
70	Early Phacoemulsification After Acute Angle Closure in Patients With Coexisting Cataract. <i>Journal of Glaucoma</i> , 2019, 28, e34-e35.	0.8	4
71	In Reply. <i>Journal of Glaucoma</i> , 2019, 28, e51.	0.8	1
72	Response. <i>Journal of Glaucoma</i> , 2019, 28, e108.	0.8	0

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73	Serum Phosphate and Microvascular Function in a Population-Based Cohort. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2019, 14, 1626-1633.	2.2	31
74	Increased High-Density Lipoprotein Levels Associated with Age-Related Macular Degeneration. <i>Ophthalmology</i> , 2019, 126, 393-406.	2.5	88
75	The European Eye Epidemiology spectral-domain optical coherence tomography classification of macular diseases for epidemiological studies. <i>Acta Ophthalmologica</i> , 2019, 97, 364-371.	0.6	34
76	Approximation of a pipeline of unsupervised retina image analysis methods with a CNN. , 2019, , .		3
77	Reconnection of Interrupted Curvilinear Structures via Cortically Inspired Completion for Ophthalmologic Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 1151-1165.	2.5	10
78	Comparability of subjective and objective measurements of nuclear density in cataract patients. <i>Acta Ophthalmologica</i> , 2018, 96, 356-363.	0.6	35
79	Effect of supplementary implantation of a sulcus-fixated intraocular lens in patients with negative dysphotopsia. <i>Journal of Cataract and Refractive Surgery</i> , 2018, 44, 209-218.	0.7	26
80	Microvascular endothelial dysfunction is associated with albuminuria. <i>Journal of Hypertension</i> , 2018, 36, 1178-1187.	0.3	44
81	Prevalence of optical coherence tomography detected vitreomacular interface disorders: The Maastricht Study. <i>Acta Ophthalmologica</i> , 2018, 96, 729-736.	0.6	22
82	Systemic and Ocular Determinants of Peripapillary Retinal Nerve Fiber Layer Thickness Measurements in the European Eye Epidemiology (E3) Population. <i>Ophthalmology</i> , 2018, 125, 1526-1536.	2.5	62
83	The Decreasing Prevalence of Nonrefractive Visual Impairment in Older Europeans. <i>Ophthalmology</i> , 2018, 125, 1149-1159.	2.5	20
84	Effect of active evaluation on the detection of negative dysphotopsia after sequential cataract surgery: discrepancy between incidences of unsolicited and solicited complaints. <i>Acta Ophthalmologica</i> , 2018, 96, 81-87.	0.6	35
85	Macular thinning in prediabetes or type 2 diabetes without diabetic retinopathy: the Maastricht Study. <i>Acta Ophthalmologica</i> , 2018, 96, 174-182.	0.6	43
86	Outcomes of severe uveitic glaucoma treated with Baerveldt implant: can blindness be prevented?. <i>Acta Ophthalmologica</i> , 2018, 96, 24-30.	0.6	24
87	Long-Term Endothelial Cell Loss in Patients with Artisan Myopia and Artisan Toric Phakic Intraocular Lenses. <i>Ophthalmology</i> , 2018, 125, 486-494.	2.5	76
88	Characteristics of the retinal microvasculature in association with cardiovascular risk markers in children with overweight, obesity and morbid obesity. <i>Scientific Reports</i> , 2018, 8, 16952.	1.6	17
89	Early Phacoemulsification After Acute Angle Closure in Patients With Coexisting Cataract. <i>Journal of Glaucoma</i> , 2018, 27, 711-716.	0.8	20
90	The association between diabetes status, HbA1c, diabetes duration, microvascular disease, and bone quality of the distal radius and tibia as measured with high-resolution peripheral quantitative computed tomographyâ€”The Maastricht Study. <i>Osteoporosis International</i> , 2018, 29, 2725-2738.	1.3	37

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91	Reference values for anterior chamber morphometrics with swept-source optical coherence tomography in a Caucasian population. <i>Clinical Ophthalmology</i> , 2018, Volume 12, 411-417.	0.9	8
92	Long-term Outcomes of Repeated Corneal Transplantations: A Prospective Dutch Registry Study. <i>American Journal of Ophthalmology</i> , 2018, 193, 156-165.	1.7	11
93	Five-Year Endothelial Cell Loss After Implantation With Artiflex Myopia and Artiflex Toric Phakic Intraocular Lenses. <i>American Journal of Ophthalmology</i> , 2018, 194, 110-119.	1.7	33
94	Analysis of Retinal Vascular Biomarkers for Early Detection of Diabetes. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2018, , 811-817.	0.5	2
95	Validation Study on Retinal Vessel Caliber Measurement Technique. <i>Lecture Notes in Computational Vision and Biomechanics</i> , 2018, , 818-826.	0.5	0
96	One-year daily consumption of buttermilk drink containing lutein-enriched egg-yolks does not affect endothelial function in fasting and postprandial state. <i>Scientific Reports</i> , 2017, 7, 1353.	1.6	4
97	Hyperglycemia Is the Main Mediator of Prediabetes- and Type 2 Diabetes-Associated Impairment of Microvascular Function: The Maastricht Study. <i>Diabetes Care</i> , 2017, 40, e103-e105.	4.3	12
98	A Comparative Study Towards the Establishment of an Automatic Retinal Vessel Width Measurement Technique. <i>Lecture Notes in Computer Science</i> , 2017, , 227-234.	1.0	6
99	Intraocular Pressure Fluctuations and 24-Hour Continuous Monitoring for Glaucoma Risk in Wind Instrument Players. <i>Journal of Glaucoma</i> , 2017, 26, 923-928.	0.8	8
100	Image-guided system versus manual marking for toric intraocular lens alignment in cataract surgery. <i>Journal of Cataract and Refractive Surgery</i> , 2017, 43, 781-788.	0.7	57
101	Retinal microvascular diameters. <i>Journal of Hypertension</i> , 2017, 35, 1573-1574.	0.3	2
102	Corneal endothelial cell loss after Baerveldt glaucoma drainage device implantation in the anterior chamber. <i>Acta Ophthalmologica</i> , 2017, 95, 91-96.	0.6	68
103	Loss of Temporal Peripapillary Retinal Nerve Fibers in Prediabetes or Type 2 Diabetes Without Diabetic Retinopathy: The Maastricht Study. , 2017, 58, 1017.		12
104	Differences in biopsychosocial profiles of diabetes patients by level of glycaemic control and health-related quality of life: The Maastricht Study. <i>PLoS ONE</i> , 2017, 12, e0182053.	1.1	14
105	Cardiovascular risk factors as determinants of retinal and skin microvascular function: The Maastricht Study. <i>PLoS ONE</i> , 2017, 12, e0187324.	1.1	17
106	Increased Macular Pigment Optical Density and Visual Acuity following Consumption of a Buttermilk Drink Containing Lutein-Enriched Egg Yolks: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-9.	0.6	16
107	Reliability of Using Retinal Vascular Fractal Dimension as a Biomarker in the Diabetic Retinopathy Detection. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-13.	0.6	52
108	VERY EARLY DISEASE MANIFESTATIONS OF MACULAR TELANGIECTASIA TYPE 2. <i>Retina</i> , 2016, 36, 524-534.	1.0	40

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109	Single-Pass Dissection of Ultrathin Organ-Cultured Endothelial Lamellae Using an Innovative Microkeratome System. <i>Cornea</i> , 2016, 35, 100-104.	0.9	8
110	Objective evaluation of negative dysphotopsia with Goldmann kinetic perimetry. <i>Journal of Cataract and Refractive Surgery</i> , 2016, 42, 1626-1633.	0.7	34
111	Prediabetes and Type 2 Diabetes Are Associated With Generalized Microvascular Dysfunction. <i>Circulation</i> , 2016, 134, 1339-1352.	1.6	183
112	A Randomized Multicenter Clinical Trial of Ultrathin Descemet Stripping Automated Endothelial Keratoplasty (DSAEK) versus DSAEK. <i>Ophthalmology</i> , 2016, 123, 2276-2284.	2.5	101
113	[OP.5A.05] GLUCOSE METABOLISM STATUS IS ASSOCIATED WITH IMPAIRED RETINAL ARTERIOLAR VASODILATATION. <i>Journal of Hypertension</i> , 2016, 34, e55.	0.3	0
114	Effects of dietary supplementation with epidermal growth factor-expressing <i>Saccharomyces cerevisiae</i> on duodenal development in weaned piglets. <i>British Journal of Nutrition</i> , 2016, 115, 1509-1520.	1.2	22
115	Brain-inspired algorithms for retinal image analysis. <i>Machine Vision and Applications</i> , 2016, 27, 1117-1135.	1.7	22
116	Adaptive optics imaging of the outer retinal tubules in Bietti's crystalline dystrophy. <i>Eye</i> , 2016, 30, 705-712.	1.1	6
117	Clinical Outcomes After Cataract Surgery With a New Transitional Toric Intraocular Lens. <i>Journal of Refractive Surgery</i> , 2016, 32, 452-459.	1.1	13
118	3.1 PREDIABETES IS ASSOCIATED WITH IMPAIRED RETINAL VASODILATION: THE MAASTRICHT STUDY. <i>Artery Research</i> , 2015, 12, 42.	0.3	0
119	Structural and Function Correlation of Cone Packing Utilizing Adaptive Optics and Microperimetry. <i>BioMed Research International</i> , 2015, 2015, 1-4.	0.9	11
120	Lutein Leads to a Decrease of Factor D Secretion by Cultured Mature Human Adipocytes. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-7.	0.6	3
121	Lutein and Factor D: Two intriguing players in the field of age-related macular degeneration. <i>Archives of Biochemistry and Biophysics</i> , 2015, 572, 49-53.	1.4	18
122	Phakic intraocular lens: Two-year results and comparison of endothelial cell loss with iris-fixated intraocular lenses. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 2258-2265.	0.7	22
123	New ophthalmologic imaging techniques for detection and monitoring of neurodegenerative changes in diabetes: a systematic review. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 653-663.	5.5	84
124	Age-Related Macular Degeneration: A Complementopathy?. <i>Ophthalmic Research</i> , 2015, 54, 64-73.	1.0	31
125	Correlation of structure and function of the macula in patients with retinitis pigmentosa. <i>Eye</i> , 2015, 29, 895-901.	1.1	41
126	Treatment of negative dysphotopsia with supplementary implantation of a sulcus-fixated intraocular lens. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 973-977.	1.0	31

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127	Comparison of a trifocal intraocular lens with a +3.0 D bifocal IOL: Results of a prospective randomized clinical trial. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 1631-1640.	0.7	108
128	Lutein supplementation leads to decreased soluble complement membrane attack complex s<scp>C</scp>5bâ€9 plasma levels. <i>Acta Ophthalmologica</i> , 2015, 93, 141-145.	0.6	20
129	Axial length and cone density as assessed with adaptive optics in myopia. <i>Indian Journal of Ophthalmology</i> , 2015, 63, 423.	0.5	14
130	The use of handheld spectral domain optical coherence tomography in pediatric ophthalmology practice: Our experience of 975 infants and children. <i>Indian Journal of Ophthalmology</i> , 2015, 63, 586.	0.5	36
131	The Effect of Modified Eggs and an Egg-Yolk Based Beverage on Serum Lutein and Zeaxanthin Concentrations and Macular Pigment Optical Density: Results from a Randomized Trial. <i>PLoS ONE</i> , 2014, 9, e92659.	1.1	39
132	Baerveldt Drainage Tube Motility in the Anterior Chamber. <i>European Journal of Ophthalmology</i> , 2014, 24, 364-370.	0.7	15
133	Plant Stanol and Sterol Esters and Macular Pigment Optical Density. , 2014, , 441-449.		4
134	Multimodal imaging of the macula in hereditary and acquired lack of macular pigment. <i>Acta Ophthalmologica</i> , 2014, 92, 138-142.	0.6	16
135	Surface Metrology and 3-Dimensional Confocal Profiling of Femtosecond Laser and Mechanically Dissected Ultrathin Endothelial Lamellae. , 2014, 55, 5183.		8
136	CORNEAL ENDOTHELIAL CELL DENSITY AFTER VITRECTOMY WITH SILICONE OIL FOR COMPLEX RETINAL DETACHMENTS. <i>Retina</i> , 2014, 34, 228-236.	1.0	31
137	Reproducibility of Anterior Chamber Angle Analyses With the Swept-Source Optical Coherence Tomography in Young, Healthy Caucasians. , 2014, 55, 3999.		23
138	Segmentation and analysis of retinal layers (ILM & RPE) in Optical Coherence Tomography images with Edema. , 2014, , .		9
139	Toric vs Aspherical Control Intraocular Lenses in Patients With Cataract and Corneal Astigmatism. <i>JAMA Ophthalmology</i> , 2014, 132, 1462.	1.4	55
140	A Multi-Orientation Analysis Approach to Retinal Vessel Tracking. <i>Journal of Mathematical Imaging and Vision</i> , 2014, 49, 583-610.	0.8	95
141	Consuming a Buttermilk Drink Containing Lutein-Enriched Egg Yolk Daily for 1 Year Increased Plasma Lutein but Did Not Affect Serum Lipid or Lipoprotein Concentrations in Adults with Early Signs of Age-Related Macular Degeneration. <i>Journal of Nutrition</i> , 2014, 144, 1370-1377.	1.3	21
142	Ultrathin DSAEK vs. Conventional DSAEK: Results from a Dutch multicentre randomised clinical trial. <i>Acta Ophthalmologica</i> , 2014, 92, 0-0.	0.6	1
143	Decreased Fixation Stability of the Preferred Retinal Location in Juvenile Macular Degeneration. <i>PLoS ONE</i> , 2014, 9, e100171.	1.1	16
144	Macular Pigment Optical Density Measured by Heterochromatic Modulation Photometry. <i>PLoS ONE</i> , 2014, 9, e110521.	1.1	13

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145	Zinc Supplementation Inhibits Complement Activation in Age-Related Macular Degeneration. PLoS ONE, 2014, 9, e112682.	1.1	43
146	Effects of Graft Thickness and Asymmetry on Visual Gain and Aberrations After Descemet Stripping Automated Endothelial Keratoplasty. JAMA Ophthalmology, 2013, 131, 737.	1.4	64
147	The influence of consuming an egg or an egg-yolk buttermilk drink for 12 wk on serum lipids, inflammation, and liver function markers in human volunteers. Nutrition, 2013, 29, 1237-1244.	1.1	41
148	Lutein Supplementation over a One-Year Period in Early AMD Might Have a Mild Beneficial Effect on Visual Acuity: The CLEAR Study. , 2013, 54, 1781.		87
149	Phacopower Modulation and the Risk for Postoperative Corneal Decompensation. JAMA Ophthalmology, 2013, 131, 1443.	1.4	26
150	Macular degeneration affects eye movement behavior during visual search. Frontiers in Psychology, 2013, 4, 579.	1.1	54
151	Risk Factors for Age-Related Macular Degeneration and Their Relationship with the Macular Carotenoids. , 2013, , 23-40.		1
152	The Effect of Lutein Supplementation on Blood Plasma Levels of Complement Factor D, C5a and C3d. PLoS ONE, 2013, 8, e73387.	1.1	30
153	- Lutein, Zeaxanthin, and Vision across the Life Span. , 2013, , 130-143.		0
154	Determination of macular pigment. Acta Ophthalmologica, 2013, 91, 0-0.	0.6	0
155	DIPLOPIA WAS NOT PREDICTABLE AND NOT ASSOCIATED WITH BUCKLE POSITION AFTER SCLERAL BUCKLING SURGERY FOR RETINAL DETACHMENT. Retina, 2012, 32, 1514-1524.	1.0	15
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