

Robert N Weinreb

List of Publications by Year in descending order

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464
papers

30,464
citations

4383

86
h-index

8618

146
g-index

472
all docs

472
docs citations

472
times ranked

11739
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of glaucoma medication adherence monitoring in the digital health era. <i>British Journal of Ophthalmology</i> , 2023, 107, 153-159.	2.1	6
2	Central macular OCTA parameters in glaucoma. <i>British Journal of Ophthalmology</i> , 2023, 107, 207-214.	2.1	7
3	Safety and performance of a suprachoroidal sensor for telemetric measurement of intraocular pressure in the EYEMATE-SC trial. <i>British Journal of Ophthalmology</i> , 2023, 107, 518-524.	2.1	9
4	Correlation of ganglion cell complex thinning with baseline deep and superficial macular vessel density in glaucoma. <i>British Journal of Ophthalmology</i> , 2023, 107, 953-958.	2.1	6
5	Relationship of macular ganglion cell complex thickness to choroidal microvasculature drop-out in primary open-angle glaucoma. <i>British Journal of Ophthalmology</i> , 2023, 107, 809-815.	2.1	7
6	Early changes in photopic negative response in eyes with glaucoma with and without choroidal detachment after filtration surgery. <i>British Journal of Ophthalmology</i> , 2023, 107, 1295-1302.	2.1	2
7	Long-term reproducibility of optical coherence tomography angiography in healthy and stable glaucomatous eyes. <i>British Journal of Ophthalmology</i> , 2023, 107, 657-662.	2.1	11
8	Macular and submacular choroidal microvasculature in patients with primary open-angle glaucoma and high myopia. <i>British Journal of Ophthalmology</i> , 2023, 107, 650-656.	2.1	5
9	Measurement of intraocular temperature in glaucoma: week-day and seasonal fluctuations. <i>British Journal of Ophthalmology</i> , 2023, 107, 941-945.	2.1	2
10	Macula structural and vascular differences in glaucoma eyes with and without high axial myopia. <i>British Journal of Ophthalmology</i> , 2023, 107, 1286-1294.	2.1	4
11	Factors associated with choroidal microvascular dropout change. <i>British Journal of Ophthalmology</i> , 2023, 107, 1444-1451.	2.1	2
12	Relationship between mean follow-up intraocular pressure, rates of visual field progression and current target intraocular pressure guidelines. <i>British Journal of Ophthalmology</i> , 2022, 106, 229-233.	2.1	2
13	OCT angiography measured changes in the foveal avascular zone area after glaucoma surgery. <i>British Journal of Ophthalmology</i> , 2022, 106, 80-86.	2.1	17
14	A Bibliometric and Mapping Analysis of Glaucoma Research between 1900 and 2019. <i>Ophthalmology Glaucoma</i> , 2022, 5, 16-25.	0.9	7
15	Optical Microangiography and Progressive Retinal Nerve Fiber Layer Loss in Primary Open Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 233, 171-179.	1.7	6
16	Macular Thickness and Microvasculature Loss in Glaucoma Suspect Eyes. <i>Ophthalmology Glaucoma</i> , 2022, 5, 170-178.	0.9	9
17	Standard Reliability and Gaze Tracking Metrics in Glaucoma and Glaucoma Suspects. <i>American Journal of Ophthalmology</i> , 2022, 234, 91-98.	1.7	10
18	Association of serum retinol concentration with normal-tension glaucoma. <i>Eye</i> , 2022, 36, 1820-1825.	1.1	7

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19	Rates of Circumpapillary Retinal Nerve Fiber Layer Thinning and Capillary Density Loss in Glaucomatous Eyes with Disc Hemorrhage. <i>American Journal of Ophthalmology</i> , 2022, 235, 24-31.	1.7	5
20	Measurements of OCT Angiography Complement OCT for Diagnosing Early Primary Open-Angle Glaucoma. <i>Ophthalmology Glaucoma</i> , 2022, 5, 262-274.	0.9	12
21	Reply. <i>Ophthalmology</i> , 2022, 129, e5.	2.5	0
22	Association of Visual Field Pattern Reversal with Paracentral Visual Field Loss. <i>Ophthalmology Glaucoma</i> , 2022, 5, 353-358.	0.9	1
23	Optic Disc Microvasculature Dropout in Glaucoma Detected by Swept-Source Optical Coherence Tomography Angiography. <i>American Journal of Ophthalmology</i> , 2022, 236, 261-270.	1.7	5
24	Multilayer Macula Vessel Density and Visual Field Progression in Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 237, 193-203.	1.7	12
25	Deep Learning Image Analysis of Optical Coherence Tomography Angiography Measured Vessel Density Improves Classification of Healthy and Glaucoma Eyes. <i>American Journal of Ophthalmology</i> , 2022, 236, 298-308.	1.7	24
26	Gonioscopy-assisted transluminal trabeculotomy in primary congenital glaucoma. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 25, 101366.	0.4	5
27	Bruch Membrane Opening Detection Accuracy in Healthy Eyes and Eyes With Glaucoma With and Without Axial High Myopia in an American and Korean Cohort. <i>American Journal of Ophthalmology</i> , 2022, 237, 221-234.	1.7	7
28	Performances of Machine Learning in Detecting Glaucoma Using Fundus and Retinal Optical Coherence Tomography Images: A Meta-Analysis. <i>American Journal of Ophthalmology</i> , 2022, 237, 1-12.	1.7	17
29	Glaucomatous Visual Field Progression in the African Descent and Glaucoma Evaluation Study (ADAGES): Eleven Years of Follow-up. <i>American Journal of Ophthalmology</i> , 2022, 239, 122-129.	1.7	7
30	Optical Microangiography and Progressive Ganglion Cell "Inner Plexiform Layer Loss in Primary Open-Angle Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 238, 36-44.	1.7	4
31	Association of Initial Optical Coherence Tomography Angiography Vessel Density Loss With Faster Visual Field Loss in Glaucoma. <i>JAMA Ophthalmology</i> , 2022, 140, 319.	1.4	16
32	Superior segmental optic nerve hypoplasia: A review. <i>Survey of Ophthalmology</i> , 2022, 67, 1467-1475.	1.7	1
33	Detecting Glaucoma in the Ocular Hypertension Study Using Deep Learning. <i>JAMA Ophthalmology</i> , 2022, 140, 383.	1.4	15
34	Classification of Visual Field Abnormalities in Highly Myopic Eyes without Pathologic Change. <i>Ophthalmology</i> , 2022, 129, 803-812.	2.5	14
35	A Prospective Longitudinal Study to Investigate Corneal Hysteresis as a Risk Factor of Central Visual Field Progression in Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 240, 159-169.	1.7	9
36	Racial and Ethnic Disparities in Cost-Related Barriers to Medication Adherence Among Patients With Glaucoma Enrolled in the National Institutes of Health "All of Us" Research Program. <i>JAMA Ophthalmology</i> , 2022, 140, 354.	1.4	26

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37	OCT-Angiography Face Mask-associated Artifacts During the COVID-19 Pandemic. <i>Journal of Glaucoma</i> , 2022, 31, 399-405.	0.8	1
38	Diagnostic Accuracy of Macular Thickness Map and Texture En Face Images for Detecting Glaucoma in Eyes With Axial High Myopia. <i>American Journal of Ophthalmology</i> , 2022, 242, 26-35.	1.7	6
39	Comparison of the Effects of Latanoprostene Bunod and Timolol on Retinal Blood Vessel Density: A Randomized Clinical Trial. <i>American Journal of Ophthalmology</i> , 2022, 241, 120-129.	1.7	6
40	Rates of Choroidal Microvasculature Dropout and Retinal Nerve Fiber Layer Changes in Glaucoma. <i>American Journal of Ophthalmology</i> , 2022, 241, 130-138.	1.7	3
41	Multi-Pressure Dial Goggle Effects on Circumpapillary Structure and Microvasculature in Glaucoma Patients. <i>Ophthalmology Glaucoma</i> , 2022, , .	0.9	3
42	Impact of Smoking on Visual Field Progression in a Long-term Clinical Follow-up. <i>Ophthalmology</i> , 2022, 129, 1235-1244.	2.5	17
43	Longitudinal Structure-Function Relationship between Macular Vessel Density and Thickness and Central Visual Field in Early Glaucoma. <i>Ophthalmology Glaucoma</i> , 2022, 5, 648-657.	0.9	4
44	Referenced scans improve the repeatability of optical coherence tomography angiography measurements in normal and glaucoma eyes. <i>British Journal of Ophthalmology</i> , 2021, 105, 1542-1547.	2.1	7
45	Weekly and seasonal changes of intraocular pressure measured with an implanted intraocular telemetry sensor. <i>British Journal of Ophthalmology</i> , 2021, 105, 387-391.	2.1	18
46	Short-Term and Long-Term Variability of Intraocular Pressure Measured with an Intraocular Telemetry Sensor in Patients with Glaucoma. <i>Ophthalmology</i> , 2021, 128, 227-233.	2.5	13
47	Geometric Perfusion Deficits: A Novel OCT Angiography Biomarker for Diabetic Retinopathy Based on Oxygen Diffusion. <i>American Journal of Ophthalmology</i> , 2021, 222, 256-270.	1.7	17
48	Central Visual Field Defects in Patients with Distinct Glaucomatous Optic Disc Phenotypes. <i>American Journal of Ophthalmology</i> , 2021, 223, 229-240.	1.7	7
49	Comparison of Peripapillary Capillary Density in Glaucoma Patients of African and European Descent. <i>Ophthalmology Glaucoma</i> , 2021, 4, 51-62.	0.9	6
50	Changes in Corneal Biomechanics and Glaucomatous Visual Field Loss. <i>Journal of Glaucoma</i> , 2021, 30, e246-e251.	0.8	9
51	The effect of daily life activities on intraocular pressure related variations in open-angle glaucoma. <i>Scientific Reports</i> , 2021, 11, 6598.	1.6	15
52	A hierarchical deep learning approach with transparency and interpretability based on small samples for glaucoma diagnosis. <i>Npj Digital Medicine</i> , 2021, 4, 48.	5.7	19
53	Racial Differences in the Rate of Change in Anterior Lamina Cribrosa Surface Depth in the African Descent and Glaucoma Evaluation Study. , 2021, 62, 12.		4
54	Superficial and Deep Macula Vessel Density in Healthy, Glaucoma Suspect, and Glaucoma Eyes. <i>Journal of Glaucoma</i> , 2021, 30, e276-e284.	0.8	17

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55	Agreement Between 10-2 and 24-2C Visual Field Test Protocols for Detecting Glaucomatous Central Visual Field Defects. <i>Journal of Glaucoma</i> , 2021, 30, e285-e291.	0.8	11
56	Deep Learning Estimation of 10-2 and 24-2 Visual Field Metrics Based on Thickness Maps from Macula OCT. <i>Ophthalmology</i> , 2021, 128, 1534-1548.	2.5	20
57	The influence of axial myopia on optic disc characteristics of glaucoma eyes. <i>Scientific Reports</i> , 2021, 11, 8854.	1.6	21
58	Response to Letter to the Editor: Optical Coherence Tomography Angiography and Visual Field Progression in Primary Angle Closure Glaucoma. <i>Journal of Glaucoma</i> , 2021, 30, e375-e376.	0.8	0
59	Implanted Microsensor Continuous IOP Telemetry Suggests Gaze and Eyelid Closure Effects on IOP—A Preliminary Study. , 2021, 62, 8.		3
60	Individualized Glaucoma Change Detection Using Deep Learning Auto Encoder-Based Regions of Interest. <i>Translational Vision Science and Technology</i> , 2021, 10, 19.	1.1	10
61	Agreement between Compass Fundus Perimeter New Grid and 10-2 Testing Protocols for Detecting Central Visual Field Defects. <i>Ophthalmology Glaucoma</i> , 2021, , .	0.9	1
62	Juxtapapillary Deep-Layer Microvasculature Dropout and Retinal Nerve Fiber Layer Thinning in Glaucoma. <i>American Journal of Ophthalmology</i> , 2021, 227, 154-165.	1.7	12
63	Optic Nerve Engraftment of Neural Stem Cells. , 2021, 62, 30.		3
64	Estimated Utility of the Short-term Assessment of Glaucoma Progression Model in Clinical Practice. <i>JAMA Ophthalmology</i> , 2021, 139, 839.	1.4	6
65	Rates of Retinal Nerve Fiber Layer Thinning in Distinct Glaucomatous Optic Disc Phenotypes in Early Glaucoma. <i>American Journal of Ophthalmology</i> , 2021, 229, 8-17.	1.7	2
66	Intraocular Pressure Telemetry for Managing Glaucoma during the COVID-19 Pandemic. <i>Ophthalmology Glaucoma</i> , 2021, 4, 447-453.	0.9	10
67	Qualitative Evaluation of the 10-2 and 24-2 Visual Field Tests for Detecting Central Visual Field Abnormalities in Glaucoma. <i>American Journal of Ophthalmology</i> , 2021, 229, 26-33.	1.7	9
68	Progressive Thinning of Retinal Nerve Fiber Layer and Ganglion Cell—Inner Plexiform Layer in Glaucoma Eyes with Disc Hemorrhage. <i>Ophthalmology Glaucoma</i> , 2021, 4, 541-549.	0.9	5
69	Reversal of a glaucomatous optic disc pit. <i>American Journal of Ophthalmology Case Reports</i> , 2021, 23, 101143.	0.4	2
70	OCT Angiography Artifacts in Glaucoma. <i>Ophthalmology</i> , 2021, 128, 1426-1437.	2.5	40
71	Characteristics of Central Visual Field Progression in Eyes with Optic Disc Hemorrhage. <i>American Journal of Ophthalmology</i> , 2021, 231, 109-119.	1.7	10
72	Optical Coherence Tomography Angiography and Visual Field Progression in Primary Angle Closure Glaucoma. <i>Journal of Glaucoma</i> , 2021, 30, e61-e67.	0.8	13

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73	A Modified Technique in Applying Sponge Soaked with Mitomycin C in Trabeculectomy. <i>Asia-Pacific Journal of Ophthalmology</i> , 2021, 10, 548-552.	1.3	8
74	Detection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) RNA in the Human Eye. <i>Ocular Immunology and Inflammation</i> , 2021, , 1-7.	1.0	0
75	Response to Letter to the Editor: Superficial and Deep Macula Vessel Density in Healthy, Glaucoma Suspect, and Glaucoma Eyes. <i>Journal of Glaucoma</i> , 2021, 30, 1082-1083.	0.8	1
76	Is Diabetes Mellitus a Blessing in Disguise for Primary Open-angle Glaucoma?. <i>Journal of Glaucoma</i> , 2021, 30, 1-4.	0.8	8
77	Nocturnal Variability of Intraocular Pressure Monitored With Contact Lens Sensor Is Associated With Visual Field Loss in Glaucoma. <i>Journal of Glaucoma</i> , 2021, 30, e56-e60.	0.8	8
78	Central-most Visual Field Defects in Early Glaucoma. <i>Journal of Glaucoma</i> , 2021, 30, e68-e75.	0.8	7
79	The Relationship Between Plasma Tetrahydrocannabinol Levels and Intraocular Pressure in Healthy Adult Subjects. <i>Frontiers in Medicine</i> , 2021, 8, 736792.	1.2	1
80	Deep Learning Approaches Predict Glaucomatous Visual Field Damage from OCT Optic Nerve Head En Face Images and Retinal Nerve Fiber Layer Thickness Maps. <i>Ophthalmology</i> , 2020, 127, 346-356.	2.5	106
81	Specificity of various cluster criteria used for the detection of glaucomatous visual field abnormalities. <i>British Journal of Ophthalmology</i> , 2020, 104, 822-826.	2.1	7
82	Vessel density and retinal nerve fibre layer thickness following acute primary angle closure. <i>British Journal of Ophthalmology</i> , 2020, 104, 1103-1108.	2.1	14
83	Review of the measurement and management of 24-hour intraocular pressure in patients with glaucoma. <i>Survey of Ophthalmology</i> , 2020, 65, 171-186.	1.7	33
84	Ganglion Cell Complex Thickness and Macular Vessel Density Loss in Primary Open-Angle Glaucoma. <i>Ophthalmology</i> , 2020, 127, 1043-1052.	2.5	77
85	Association between Rates of Retinal Nerve Fiber Layer Thinning after Intraocular Pressure“Lowering Procedures and Disc Hemorrhage. <i>Ophthalmology Glaucoma</i> , 2020, 3, 7-13.	0.9	4
86	Relationship of Corneal Hysteresis and Anterior Lamina Cribrosa Displacement in Glaucoma. <i>American Journal of Ophthalmology</i> , 2020, 212, 134-143.	1.7	17
87	Early removal of senescent cells protects retinal ganglion cells loss in experimental ocular hypertension. <i>Aging Cell</i> , 2020, 19, e13089.	3.0	45
88	Intraocular Pressure Measurement in Patients Wearing Filtering Facepiece Masks. <i>Journal of Glaucoma</i> , 2020, 29, 999-1000.	0.8	6
89	AIBP protects retinal ganglion cells against neuroinflammation and mitochondrial dysfunction in glaucomatous neurodegeneration. <i>Redox Biology</i> , 2020, 37, 101703.	3.9	21
90	Response to: Comparison of Fellow Eye of Acute Primary Angle Closure and Phacomorphic Angle Closure. <i>Journal of Glaucoma</i> , 2020, 29, e35-e36.	0.8	0

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91	Optic nerve head vessel density in different stages of pseudoexfoliation disease. British Journal of Ophthalmology, 2020, , bjophthalmol-2020-317605.	2.1	8
92	Anterior Chamber Angle Assessment Techniques: A Review. Journal of Clinical Medicine, 2020, 9, 3814.	1.0	41
93	Capillary Density Measured by Optical Coherence Tomography Angiography in Glaucomatous Optic Disc Phenotypes. American Journal of Ophthalmology, 2020, 219, 261-270.	1.7	4
94	COVID-19 Pandemic: Are We Back to Normal?. Journal of Glaucoma, 2020, 29, 611-612.	0.8	7
95	Detection of Neurological and Ophthalmological Pathologies with Optical Coherence Tomography Using Retinal Thickness Measurements: A Bibliometric Study. Applied Sciences (Switzerland), 2020, 10, 5477.	1.3	4
96	Long-term follow-up of optic neuropathy in chronic low cerebrospinal fluid pressure monkeys: the Beijing Intracranial and Intraocular Pressure (iCOP) Study. Science China Life Sciences, 2020, 63, 1762-1765.	2.3	5
97	Evaluating the neuroprotective impact of senolytic drugs on human vision. Scientific Reports, 2020, 10, 21752.	1.6	14
98	Visual Field Artifacts in Glaucoma With Face Mask Use During the COVID-19 Pandemic. Journal of Glaucoma, 2020, 29, 1184-1188.	0.8	14
99	Investigation of associations between Piezo1 mechanoreceptor gain-of-function variants and glaucoma-related phenotypes in humans and mice. Scientific Reports, 2020, 10, 19013.	1.6	6
100	Smart Electronic Eyedrop Bottle for Unobtrusive Monitoring of Glaucoma Medication Adherence. Sensors, 2020, 20, 2570.	2.1	12
101	Gradient-Boosting Classifiers Combining Vessel Density and Tissue Thickness Measurements for Classifying Early to Moderate Glaucoma. American Journal of Ophthalmology, 2020, 217, 131-139.	1.7	23
102	Effects of Study Population, Labeling and Training on Glaucoma Detection Using Deep Learning Algorithms. Translational Vision Science and Technology, 2020, 9, 27.	1.1	35
103	The Value of Intraocular Pressure Telemetry in Monitoring the Therapeutic Effect of Glaucoma Medications. Journal of Glaucoma, 2020, 29, e38-e40.	0.8	4
104	Disc Hemorrhages Are Associated With the Presence and Progression of Glaucomatous Central Visual Field Defects. Journal of Glaucoma, 2020, 29, 429-434.	0.8	15
105	Phase 3, Randomized, 20-Month Study of Bimatoprost Implant in Open-Angle Glaucoma and Ocular Hypertension (ARTEMIS 1). Ophthalmology, 2020, 127, 1627-1641.	2.5	62
106	Characteristics of Focal Gamma Zone Parapapillary Atrophy. , 2020, 61, 17.		12
107	A Randomized Controlled Trial Comparing Subconjunctival Injection to Direct Scleral Application of Mitomycin C in Trabeculectomy. American Journal of Ophthalmology, 2020, 220, 45-52.	1.7	16
108	Deep-layer Microvasculature Dropout in Preperimetric Glaucoma Patients. Journal of Glaucoma, 2020, 29, 423-428.	0.8	14

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109	The Glaucoma Italian Pediatric Study (GIPSy): The Long-term Effect of Topical Latanoprost on Central Corneal Thickness. <i>Journal of Glaucoma</i> , 2020, 29, 441-447.	0.8	2
110	The Relationship Between Intraocular Pressure and Rates of Central Versus Peripheral Visual Field Progression. <i>Journal of Glaucoma</i> , 2020, 29, 435-440.	0.8	6
111	Diagnostic Ability of Optical Coherence Tomography Angiography Macula Vessel Density for the Diagnosis of Glaucoma Using Difference Scan Sizes. <i>Journal of Glaucoma</i> , 2020, 29, 245-251.	0.8	25
112	MicroRNA-19a-PTEN Axis Is Involved in the Developmental Decline of Axon Regenerative Capacity in Retinal Ganglion Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 21, 251-263.	2.3	20
113	Correlation Between Office-Hour and Peak Nocturnal Intraocular Pressure in Patients Treated with Prostaglandin Analogs. <i>American Journal of Ophthalmology</i> , 2020, 215, 112-117.	1.7	6
114	Accuracy of IOL power calculations in the very elderly. <i>Eye</i> , 2020, 34, 1848-1855.	1.1	8
115	Rapid and Accurate Pressure Sensing Device for Direct Measurement of Intraocular Pressure. <i>Translational Vision Science and Technology</i> , 2020, 9, 28.	1.1	9
116	Detection of Progression With 10-2 Standard Automated Perimetry: Development and Validation of an Event-Based Algorithm. <i>American Journal of Ophthalmology</i> , 2020, 216, 37-43.	1.7	11
117	Use of Virtual Reality Simulation to Identify Vision-Related Disability in Patients With Glaucoma. <i>JAMA Ophthalmology</i> , 2020, 138, 490.	1.4	24
118	Optical Coherence Tomography Angiography in Glaucoma. <i>Journal of Glaucoma</i> , 2020, 29, 312-321.	0.8	110
119	Glaucomatous vertical vessel density asymmetry of the temporal raphe detected with optical coherence tomography angiography. <i>Scientific Reports</i> , 2020, 10, 6845.	1.6	9
120	Loss of AKAP1 triggers Drp1 dephosphorylation-mediated mitochondrial fission and loss in retinal ganglion cells. <i>Cell Death and Disease</i> , 2020, 11, 254.	2.7	25
121	Matrix Metalloproteinases and Glaucoma Treatment. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2020, 36, 208-228.	0.6	70
122	Finite element analysis of trans-lamina cribrosa pressure difference on optic nerve head biomechanics: the Beijing Intracranial and Intraocular Pressure Study. <i>Science China Life Sciences</i> , 2020, 63, 1887-1894.	2.3	15
123	Segmental differences found in aqueous angiographic-determined high - and low-flow regions of human trabecular meshwork. <i>Experimental Eye Research</i> , 2020, 196, 108064.	1.2	9
124	Inhibition of GSK-IV kinases dissociates cell death and axon regeneration in CNS neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 33597-33607.	3.3	19
125	Iridocorneal Angle Assessment After Laser Iridotomy With Swept-source Optical Coherence Tomography. <i>Journal of Glaucoma</i> , 2020, 29, 1030-1035.	0.8	10
126	OCT in Glaucoma. , 2020, , 427-472.		0

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127	Impact of Pupil Dilation on Optical Coherence Tomography Angiography Retinal Microvasculature in Healthy Eyes. <i>Journal of Glaucoma</i> , 2020, 29, 1025-1029.	0.8	8
128	Sheath-Preserving Optic Nerve Transection in Rats to Assess Axon Regeneration and Interventions Targeting the Retinal Ganglion Cell Axon. <i>Journal of Visualized Experiments</i> , 2020, , .	0.2	1
129	Repeatability and comparability of peripapillary vessel density measurements of high-density and non-high-density optical coherence tomography angiography scans in normal and glaucoma eyes. <i>British Journal of Ophthalmology</i> , 2019, 103, 949-954.	2.1	27
130	Association of a Primary Open-Angle Glaucoma Genetic Risk Score With Earlier Age at Diagnosis. <i>JAMA Ophthalmology</i> , 2019, 137, 1190.	1.4	32
131	Machine Learning-Based Predictive Modeling of Surgical Intervention in Glaucoma Using Systemic Data From Electronic Health Records. <i>American Journal of Ophthalmology</i> , 2019, 208, 30-40.	1.7	34
132	Cellular and cytoskeletal alterations of scleral fibroblasts in response to glucocorticoid steroids. <i>Experimental Eye Research</i> , 2019, 187, 107774.	1.2	7
133	Association of Corneal Hysteresis With Lamina Cribrosa Curvature in Primary Open Angle Glaucoma. , 2019, 60, 4171.		19
134	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1682.	3.8	50
135	Racial Differences in the Association of Anterior Lamina Cribrosa Surface Depth and Glaucoma Severity in the African Descent and Glaucoma Evaluation Study (ADAGES). , 2019, 60, 4496.		13
136	24-Hour Intraocular Pressure Control with Fixed-dose Combination Brinzolamide 1%/Brimonidine 0.2%. <i>Ophthalmology</i> , 2019, 126, 1095-1104.	2.5	15
137	Development and Validation of a Deep Learning System to Detect Glaucomatous Optic Neuropathy Using Fundus Photographs. <i>JAMA Ophthalmology</i> , 2019, 137, 1353.	1.4	188
138	Choroidal Microvascular Dropout in Pseudoexfoliation Glaucoma. , 2019, 60, 2146.		18
139	Vision-related quality of life and symptom perception change over time in newly-diagnosed primary open angle glaucoma patients. <i>Scientific Reports</i> , 2019, 9, 6735.	1.6	15
140	En Face Optical Coherence Tomography Imaging of Beta and Gamma Parapapillary Atrophy in High Myopia. <i>Ophthalmology Glaucoma</i> , 2019, 2, 55-62.	0.9	7
141	Prophylactic laser iridotomy in primary angle-closure suspects. <i>Lancet, The</i> , 2019, 393, 1572-1574.	6.3	6
142	Association of Macular and Circumpapillary Microvasculature with Visual Field Sensitivity in Advanced Glaucoma. <i>American Journal of Ophthalmology</i> , 2019, 204, 51-61.	1.7	51
143	Measurement Floors and Dynamic Ranges of OCT and OCT Angiography in Glaucoma. <i>Ophthalmology</i> , 2019, 126, 980-988.	2.5	121
144	Association Between Lamina Cribrosa Defects and Progressive Retinal Nerve Fiber Layer Loss in Glaucoma. <i>JAMA Ophthalmology</i> , 2019, 137, 425.	1.4	12

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145	Comparing 10-2 and 24-2 Visual Fields for Detecting Progressive Central Visual Loss in Glaucoma Eyes with Early Central Abnormalities. <i>Ophthalmology Glaucoma</i> , 2019, 2, 95-102.	0.9	23
146	Changes in Optic Nerve Head Vessel Density After Acute Primary Angle Closure Episode. , 2019, 60, 552.		27
147	Intraocular Pressure Effects and Mechanism of Action of Topical Versus Sustained-Release Bimatoprost. <i>Translational Vision Science and Technology</i> , 2019, 8, 15.	1.1	14
148	Aqueous Angiographic Outflow Improvement after Trabecular Microbypass in Glaucoma Patients. <i>Ophthalmology Glaucoma</i> , 2019, 2, 11-21.	0.9	60
149	Inhibition of cAMP/PKA Pathway Protects Optic Nerve Head Astrocytes against Oxidative Stress by Akt/Bax Phosphorylation-Mediated Mfn1/2 Oligomerization. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-16.	1.9	18
150	Dynamic Scheimpflug Ocular Biomechanical Parameters in Healthy and Medically Controlled Glaucoma Eyes. <i>Journal of Glaucoma</i> , 2019, 28, 588-592.	0.8	15
151	Choroidal Microvascular Dropout in Primary Open-angle Glaucoma Eyes With Disc Hemorrhage. <i>Journal of Glaucoma</i> , 2019, 28, 181-187.	0.8	31
152	Episcleral Venous Pressure and the Ocular Hypotensive Effects of Topical and Intracameral Prostaglandin Analogs. <i>Journal of Glaucoma</i> , 2019, 28, 846-857.	0.8	23
153	Optical Coherence Tomography Angiography and Glaucoma: A Brief Review. <i>Asia-Pacific Journal of Ophthalmology</i> , 2019, 8, .	1.3	16
154	Advances in Ocular Imaging. <i>Asia-Pacific Journal of Ophthalmology</i> , 2019, 8, 97-98.	1.3	2
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