Felipe A Medeiros

List of Publications by Year
in descending order

276	20,010	14644 66	17580 121
papers	citations	h-index	g-index

279	279	279	8537
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Association between statin use and rates of structural and functional loss in glaucoma. British Journal of Ophthalmology, 2023, 107, 1269-1274.	2.1	1
2	Blood Pressure and Glaucomatous Progression in a Large Clinical Population. Ophthalmology, 2022, 129, 161-170.	2.5	21
3	Rates of Glaucoma Progression Derived from Linear Mixed Models Using Varied Random Effect Distributions. Translational Vision Science and Technology, 2022, 11, 16.	1.1	12
4	Corneal hysteresis: ready for prime time?. Current Opinion in Ophthalmology, 2022, 33, 243-249.	1.3	9
5	Corneal Hysteresis and Rates of Neuroretinal Rim Change in Glaucoma. Ophthalmology Glaucoma, 2022, 5, 483-489.	0.9	2
6	A Case for the Use of Artificial Intelligence in Glaucoma Assessment. Ophthalmology Glaucoma, 2022, 5, e3-e13.	0.9	10
7	Association between Serum Vitamin D Level and Rates of Structural and Functional Glaucomatous Progression. Journal of Glaucoma, 2022, Publish Ahead of Print, .	0.8	0
8	Impact of anxiety and depression on progression to glaucoma among glaucoma suspects. British Journal of Ophthalmology, 2021, 105, 1244-1249.	2.1	19
9	The Bidirectional Relationship between Vision and Cognition. Ophthalmology, 2021, 128, 981-992.	2.5	46
10	Impact of Intraocular Pressure Control on Rates of Retinal Nerve Fiber Layer Loss in a Large Clinical Population. Ophthalmology, 2021, 128, 48-57.	2.5	28
11	Detection of Progressive Glaucomatous Optic Nerve Damage on Fundus Photographs with Deep Learning. Ophthalmology, 2021, 128, 383-392.	2.5	49
12	An objective structural and functional reference standard in glaucoma. Scientific Reports, 2021, 11, 1752.	1.6	16
13	A simplified combined index of structure and function for detecting and staging glaucomatous damage. Scientific Reports, 2021, 11, 3172.	1.6	7
14	Rates of Glaucomatous Structural and Functional Change From a Large Clinical Population: The Duke Glaucoma Registry Study. American Journal of Ophthalmology, 2021, 222, 238-247.	1.7	45
15	Effect of Diabetes Control on Rates of Structural and Functional Loss in Patients with Glaucoma. Ophthalmology Glaucoma, 2021, 4, 216-223.	0.9	6
16	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
17	Predicting Glaucoma Development With Longitudinal Deep Learning Predictions From Fundus Photographs. American Journal of Ophthalmology, 2021, 225, 86-94.	1.7	20
18	RetiNerveNet: using recursive deep learning to estimate pointwise 24-2 visual field data based on retinal structure. Scientific Reports, 2021, 11, 12562.	1.6	10

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19	Estimated Utility of the Short-term Assessment of Glaucoma Progression Model in Clinical Practice. JAMA Ophthalmology, 2021, 139, 839.	1.4	6
20	Qualitative Evaluation of the 10-2 and 24-2 Visual Field Tests for Detecting Central Visual Field Abnormalities in Glaucoma. American Journal of Ophthalmology, 2021, 229, 26-33.	1.7	9
21	Rapid initial OCT RNFL thinning is predictive of faster visual field loss during extended follow-up in glaucoma. American Journal of Ophthalmology, 2021, 229, 100-107.	1.7	20
22	Predicting Age From Optical Coherence Tomography Scans With Deep Learning. Translational Vision Science and Technology, 2021, 10, 12.	1.1	13
23	Bayesian Non-Parametric Factor Analysis for Longitudinal Spatial Surfaces. Bayesian Analysis, 2021, -1, .	1.6	1
24	Specificity of various cluster criteria used for the detection of glaucomatous visual field abnormalities. British Journal of Ophthalmology, 2020, 104, 822-826.	2.1	7
25	Comparison of Short- And Long-Term Variability in Standard Perimetry and Spectral Domain Optical Coherence Tomography in Glaucoma. American Journal of Ophthalmology, 2020, 210, 19-25.	1.7	18
26	Human Versus Machine: Comparing a Deep Learning Algorithm to Human Gradings for Detecting Glaucoma on Fundus Photographs. American Journal of Ophthalmology, 2020, 211, 123-131.	1.7	69
27	The Relationship Between Asymmetries of Corneal Properties and Rates of Visual Field Progression in Glaucoma Patients. Journal of Glaucoma, 2020, 29, 872-877.	0.8	5
28	Artificial Intelligence Mapping of Structure to Function in Glaucoma. Translational Vision Science and Technology, 2020, 9, 19.	1.1	42
29	A Review of Deep Learning for Screening, Diagnosis, and Detection of Glaucoma Progression. Translational Vision Science and Technology, 2020, 9, 42.	1.1	89
30	Comparing the Rule of 5 to Trend-based Analysis for Detecting Glaucoma Progression on OCT. Ophthalmology Glaucoma, 2020, 3, 414-420.	0.9	7
31	The Effect of Age on Increasing Susceptibility to Retinal Nerve Fiber Layer Loss in Glaucoma. , 2020, 61, 8.		32
32	Phase 3, Randomized, 20-Month Study ofÂBimatoprost Implant in Open-Angle Glaucoma and Ocular Hypertension (ARTEMIS 1). Ophthalmology, 2020, 127, 1627-1641.	2.5	62
33	Assessment of a Segmentation-Free Deep Learning Algorithm for Diagnosing Glaucoma From Optical Coherence Tomography Scans. JAMA Ophthalmology, 2020, 138, 333.	1.4	92
34	A Comparison of OCT Parameters in Identifying Glaucoma Damage in Eyes Suspected of Having Glaucoma. Ophthalmology Glaucoma, 2020, 3, 90-96.	0.9	16
35	Quantification of Retinal Nerve Fibre Layer Thickness on Optical Coherence Tomography with a Deep Learning Segmentation-Free Approach. Scientific Reports, 2020, 10, 402.	1.6	33
36	Is vision-related quality of life impaired in patients with preperimetric glaucoma?. British Journal of Ophthalmology, 2019, 103, 955-959.	2.1	15

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37	Detecting Retinal Nerve Fibre Layer Segmentation Errors on Spectral Domain-Optical Coherence Tomography with a Deep Learning Algorithm. Scientific Reports, 2019, 9, 9836.	1.6	14
38	Transnational review of visual standards for driving: How Australia compares with the rest of the world. Clinical and Experimental Ophthalmology, 2019, 47, 847-863.	1.3	13
39	Improving the Feasibility of Glaucoma Clinical Trials Using Trend-Based Visual Field Progression End Points. Ophthalmology Glaucoma, 2019, 2, 72-77.	0.9	25
40	Corneal Biomechanics and Visual Field Progression in Eyes with Seemingly Well-Controlled Intraocular Pressure. Ophthalmology, 2019, 126, 1640-1646.	2.5	47
41	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
42	Assessing driving risk in patients with glaucoma. Arquivos Brasileiros De Oftalmologia, 2019, 82, 245-252.	0.2	1
43	Deep learning in glaucoma: progress, but still lots to do. The Lancet Digital Health, 2019, 1, e151-e152.	5.9	12
44	Deep Learning and Glaucoma Specialists. Ophthalmology, 2019, 126, 1627-1639.	2.5	130
45	A Deep Learning Algorithm to Quantify Neuroretinal Rim Loss From Optic Disc Photographs. American Journal of Ophthalmology, 2019, 201, 9-18.	1.7	70
46	From Machine to Machine. Ophthalmology, 2019, 126, 513-521.	2.5	158
47	Acute Angle Closure Glaucoma in Von Hippel-Lindau Syndrome. Ophthalmology, 2019, 126, 691.	2.5	0
48	Mobile Telephone Use and Reaction Time in Drivers With Glaucoma. JAMA Network Open, 2019, 2, e192169.	2.8	8
49	Comparing 10-2 and 24-2 Visual Fields forÂDetecting Progressive Central Visual LossÂinÂGlaucoma Eyes with Early CentralÂAbnormalities. Ophthalmology Glaucoma, 2019, 2, 95-102.	0.9	23
50	Visual Crowding in Glaucoma. , 2019, 60, 538.		14
51	Performance of the Rule of 5 for Detecting Glaucoma Progression between Visits withÂOCT. Ophthalmology Glaucoma, 2019, 2, 319-326.	0.9	14
52	Estimating Rates of Progression and Predicting Future Visual Fields in Glaucoma Using a Deep Variational Autoencoder. Scientific Reports, 2019, 9, 18113.	1.6	42
53	Sample Size Requirements of Glaucoma Clinical Trials When Using Combined Optical Coherence Tomography and Visual Field Endpoints. Scientific Reports, 2019, 9, 18886.	1.6	15
54	Psychometric properties of the Portuguese version of the National Eye Institute Visual Function Questionnaire-25. PLoS ONE, 2019, 14, e0226086.	1.1	5

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55	What Is the Amount of Visual Field Loss Associated With Disability in Glaucoma?. American Journal of Ophthalmology, 2019, 197, 45-52.	1.7	11
56	Genetic Architecture of Primary Open-Angle Glaucoma in Individuals of African Descent. Ophthalmology, 2019, 126, 38-48.	2.5	40
57	Association between Rates of Visual Field Progression and Intraocular Pressure Measurements Obtained by Different Tonometers. Ophthalmology, 2019, 126, 49-54.	2.5	18
58	The African Descent and Glaucoma Evaluation Study (ADAGES) III. Ophthalmology, 2019, 126, 156-170.	2.5	13
59	Title is missing!. , 2019, 14, e0226086.		0
60	Title is missing!. , 2019, 14, e0226086.		0
61	Title is missing!. , 2019, 14, e0226086.		0
62	Title is missing!. , 2019, 14, e0226086.		0
63	Title is missing!. , 2019, 14, e0226086.		0
64	Title is missing!. , 2019, 14, e0226086.		0
65	Event-based analysis of visual field change can miss fast glaucoma progression detected by a combined structure and function index. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1227-1234.	1.0	5
66	Detection of Glaucoma Progression in Individuals of African Descent Compared With Those of European Descent. JAMA Ophthalmology, 2018, 136, 329.	1.4	41
67	Recent developments in visual field testing for glaucoma. Current Opinion in Ophthalmology, 2018, 29, 141-146.	1.3	42
68	Baseline 24-2 Central Visual Field Damage Is Predictive of Global Progressive Field Loss. American Journal of Ophthalmology, 2018, 187, 92-98.	1.7	24
69	A Longitudinal Analysis of Peripapillary Choroidal Thinning in Healthy and Glaucoma Subjects. American Journal of Ophthalmology, 2018, 186, 89-95.	1.7	20
70	A Prospective Longitudinal Study to Investigate Corneal Hysteresis as a Risk Factor for Predicting Development of Glaucoma. American Journal of Ophthalmology, 2018, 187, 148-152.	1.7	62
71	The Association Between Macula and ONH Optical Coherence Tomography Angiography (OCT-A) Vessel Densities in Glaucoma, Glaucoma Suspect, and Healthy Eyes. Journal of Glaucoma, 2018, 27, 227-232.	0.8	42
72	Impact of Different Visual Field Testing Paradigms on Sample Size Requirements for Glaucoma Clinical Trials. Scientific Reports, 2018, 8, 4889.	1.6	28

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73	Predicting Vision-Related Disability in Glaucoma. Ophthalmology, 2018, 125, 22-30.	2.5	18
74	Comparing optical coherence tomography radial and cube scan patterns for measuring Bruchâ€™s membrane opening minimum rim width (BMO-MRW) in glaucoma and healthy eyes: cross-sectional and longitudinal analysis. British Journal of Ophthalmology, 2018, 102, 344-351.	2.1	6
75	Development of a Visual Field Simulation Model of Longitudinal Point-Wise Sensitivity Changes From a Clinical Glaucoma Cohort. Translational Vision Science and Technology, 2018, 7, 22.	1.1	20
76	Macular Pigment and Visual Function in Patients With Glaucoma: The San Diego Macular Pigment Study. , 2018, 59, 4471.		11
77	Comparison of Visual Field Point-Wise Event-Based and Global Trend-Based Analysis for Detecting Glaucomatous Progression. Translational Vision Science and Technology, 2018, 7, 20.	1.1	37
78	Retinal Nerve Fiber Layer Features Identified by Unsupervised Machine Learning on Optical Coherence Tomography Scans Predict Glaucoma Progression. , 2018, 59, 2748.		86
79	Automated Beta Zone Parapapillary Area Measurement to Differentiate Between Healthy and Glaucoma Eyes. American Journal of Ophthalmology, 2018, 191, 140-148.	1.7	19
80	Performance of the 10-2 and 24-2 Visual Field Tests for Detecting Central Visual Field Abnormalities in Glaucoma. American Journal of Ophthalmology, 2018, 196, 10-17.	1.7	40
81	Reply. Ophthalmology, 2018, 125, e42.	2.5	4
82	Frequency of Testing to Detect Visual Field Progression Derived Using a Longitudinal Cohort of Glaucoma Patients. Ophthalmology, 2017, 124, 786-792.	2.5	76
83	Peripapillary and Macular Vessel Density in Patients with Glaucoma and Single-Hemifield Visual Field Defect. Ophthalmology, 2017, 124, 709-719.	2.5	202
84	Detecting Glaucoma With a Portable Brain-Computer Interface for Objective Assessment of Visual Function Loss. JAMA Ophthalmology, 2017, 135, 550.	1.4	78
85	Estimating Optical Coherence Tomography Structural Measurement Floors to Improve Detection of Progression in AdvancedÂGlaucoma. American Journal of Ophthalmology, 2017, 175, 37-44.	1.7	167
86	Î²-Zone Parapapillary Atrophy and Rates of Glaucomatous Visual Field Progression. JAMA Ophthalmology, 2017, 135, 617.	1.4	16
87	24-2 Visual Fields Miss Central Defects Shown on 10-2 Tests in Glaucoma Suspects, Ocular Hypertensives, and Early Glaucoma. Ophthalmology, 2017, 124, 1449-1456.	2.5	142
88	Reply. Ophthalmology, 2017, 124, e21.	2.5	0
89	Comparing the Rates of Retinal Nerve Fiber Layer and Ganglion Cellâ€“Inner Plexiform Layer Loss in Healthy Eyes and in Glaucoma Eyes. American Journal of Ophthalmology, 2017, 178, 38-50.	1.7	97
90	Detecting Structural Progression in Glaucoma with Optical Coherence Tomography. Ophthalmology, 2017, 124, S57-S65.	2.5	141

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91	Impact of Normal Aging and Progression Definitions on the Specificity of Detecting Retinal Nerve Fiber Layer Thinning. American Journal of Ophthalmology, 2017, 181, 106-113.	1.7	61
92	Biomarkers and Surrogate Endpoints: Lessons Learned From Glaucoma. , 2017, 58, BIO20.		29
93	Fear of falling and postural reactivity in patients with glaucoma. PLoS ONE, 2017, 12, e0187220.	1.1	7
94	Asymmetric Macular Structural Damage Is Associated With Relative Afferent Pupillary Defects in Patients With Glaucoma. , 2016, 57, 1738.		6
95	Does the Location of Bruch's Membrane Opening Change Over Time? Longitudinal Analysis Using San Diego Automated Layer Segmentation Algorithm (SALSA). , 2016, 57, 675.		43
96	Glaucoma and Driving Risk under Simulated Fog Conditions. Translational Vision Science and Technology, 2016, 5, 15.	1.1	12
97	Structural Change Can Be Detected in Advanced-Glaucoma Eyes. , 2016, 57, OCT511.		79
98	Unsupervised Gaussian Mixture-Model With Expectation Maximization for Detecting Glaucomatous Progression in Standard Automated Perimetry Visual Fields. Translational Vision Science and Technology, 2016, 5, 2.	1.1	51
99	The Relative Odds of Progressing by Structural and Functional Tests in Glaucoma. , 2016, 57, OCT421.		60
100	Optical Coherence Tomography Angiography Vessel Density in Healthy, Glaucoma Suspect, and Glaucoma Eyes. , 2016, 57, OCT451.		392
101	Reply. Ophthalmology, 2016, 123, e38.	2.5	0
102	African Descent and Glaucoma Evaluation Study (ADAGES). Ophthalmology, 2016, 123, 1476-1483.	2.5	33
103	What rates of glaucoma progression are clinically significant?. Expert Review of Ophthalmology, 2016, 11, 227-234.	0.3	54
104	Management of advanced glaucoma: Characterization and monitoring. Survey of Ophthalmology, 2016, 61, 597-615.	1.7	49
105	Optical Coherence Tomography Angiography Vessel Density in Glaucomatous Eyes with Focal Lamina Cribrosa Defects. Ophthalmology, 2016, 123, 2309-2317.	2.5	106
106	Association between Intraocular Pressure and Rates of Retinal Nerve Fiber Layer Loss Measured by Optical Coherence Tomography. Ophthalmology, 2016, 123, 2058-2065.	2.5	38
107	Relationship between Optical Coherence Tomography Angiography Vessel Density and Severity of Visual Field Loss in Glaucoma. Ophthalmology, 2016, 123, 2498-2508.	2.5	347
108	Primary open-angle glaucoma. Nature Reviews Disease Primers, 2016, 2, 16067.	18.1	319

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109	Deep Retinal Layer Microvasculature Dropout Detected by the Optical Coherence Tomography Angiography in Glaucoma. Ophthalmology, 2016, 123, 2509-2518.	2.5	194
110	Association of Fast Visual Field Loss With Risk of Falling in Patients With Glaucoma. JAMA Ophthalmology, 2016, 134, 880.	1.4	26
111	Comparison of Latanoprostene Bunod 0.024% and Timolol Maleate 0.5% in Open-Angle Glaucoma or Ocular Hypertension: The LUNAR Study. American Journal of Ophthalmology, 2016, 168, 250-259.	1.7	85
112	The Impact of Location of Progressive Visual Field Loss on Longitudinal Changes in Quality of Life of Patients with Glaucoma. Ophthalmology, 2016, 123, 552-557.	2.5	120
113	Rate and Pattern of Rim Area Loss in Healthy and Progressing Glaucoma Eyes. Ophthalmology, 2016, 123, 760-770.	2.5	17
114	Corneal Hysteresis and Progressive Retinal Nerve Fiber Layer Loss in Glaucoma. American Journal of Ophthalmology, 2016, 166, 29-36.	1.7	61
115	Fast Visual Field Progression Is Associated with Depressive Symptoms in Patients with Glaucoma. Ophthalmology, 2016, 123, 754-759.	2.5	44
116	Diagnostic Accuracy of the Spectralis and Cirrus Reference Databases in Differentiating between Healthy and Early Glaucoma Eyes. Ophthalmology, 2016, 123, 408-414.	2.5	29
117	Macular Ganglion Cell Inner Plexiform Layer Thickness in Glaucomatous Eyes with Localized Retinal Nerve Fiber Layer Defects. PLoS ONE, 2016, 11, e0160549.	1.1	17
118	Detecting glaucomatous change in visual fields: Analysis with an optimization framework. Journal of Biomedical Informatics, 2015, 58, 96-103.	2.5	18
119	Logâ€gamma linearâ€mixed effects models for multiple outcomes with application to a longitudinal glaucoma study. Biometrical Journal, 2015, 57, 766-776.	0.6	5
120	Relationship Between Motor Vehicle Collisions and Results of Perimetry, Useful Field of View, and Driving Simulation in Drivers With Glaucoma. Translational Vision Science and Technology, 2015, 4, 5.	1.1	20
121	Diagnostic Ability of Macular Ganglion Cell Inner Plexiform Layer Measurements in Glaucoma Using Swept Source and Spectral Domain Optical Coherence Tomography. PLoS ONE, 2015, 10, e0125957.	1.1	68
122	Predicting Risk of Motor Vehicle Collisions in Patients with Glaucoma: A Longitudinal Study. PLoS ONE, 2015, 10, e0138288.	1.1	23
123	Association Between Progressive Retinal Nerve Fiber Layer Loss and Longitudinal Change in Quality of Life in Glaucoma. JAMA Ophthalmology, 2015, 133, 384.	1.4	79
124	Effect of glaucoma medications on 24â€hour intraocular pressureâ€related patterns using a contact lens sensor. Clinical and Experimental Ophthalmology, 2015, 43, 787-795.	1.3	32
125	Function-Specific Perimetry. , 2015, , 132-148.		0
126	Optic Disc Imaging. , 2015, , 221-243.		0

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127	Estimating Lead Time Gained by OpticalÂCoherence Tomography in DetectingÂGlaucoma before Development ofÂVisual Field Defects. Ophthalmology, 2015, 122, 2002-2009.	2.5	131
128	The African Descent and Glaucoma Evaluation Study (ADAGES): Predictors of Visual Field Damage in Glaucoma Suspects. American Journal of Ophthalmology, 2015, 159, 777-787.e1.	1.7	41
129	Strategies to improve early diagnosis in glaucoma. Progress in Brain Research, 2015, 221, 103-133.	0.9	39
130	Evaluation of Postural Control in PatientsÂwith Glaucoma Using a VirtualÂReality Environment. Ophthalmology, 2015, 122, 1131-1138.	2.5	25
131	Quantitative Trait Locus Analysis of SIX1-SIX6 With Retinal Nerve Fiber Layer Thickness in Individuals of European Descent. American Journal of Ophthalmology, 2015, 160, 123-130.e1.	1.7	22
132	Frequency Doubling Technology Perimetry and Changes in Quality of Life of Glaucoma Patients: A Longitudinal Study. American Journal of Ophthalmology, 2015, 160, 114-122.e1.	1.7	17
133	Lamina Cribrosa in Glaucoma: Diagnosis and Monitoring. Current Ophthalmology Reports, 2015, 3, 74-84.	0.5	35
134	Automated segmentation of anterior lamina cribrosa surface: How the lamina cribrosa responds to intraocular pressure change in glaucoma eyes?. , 2015, , .		10
135	Rates of Retinal Nerve Fiber Layer Loss inÂContralateral Eyes of Glaucoma Patients with Unilateral Progression by Conventional Methods. Ophthalmology, 2015, 122, 2243-2251.	2.5	35
136	Longitudinal Changes in Quality of Life and Rates of Progressive Visual Field Loss in Glaucoma Patients. Ophthalmology, 2015, 122, 293-301.	2.5	144
137	Diagnostic Ability of Retinal Nerve Fiber Layer Imaging byÂSwept-Source Optical Coherence Tomography inÂGlaucoma. American Journal of Ophthalmology, 2015, 159, 193-201.	1.7	67
138	A Portable Platform for Evaluation of Visual Performance in Glaucoma Patients. PLoS ONE, 2015, 10, e0139426.	1.1	10
139	Spectral-Domain Optical Coherence Tomography for Glaucoma Diagnosis. Open Ophthalmology Journal, 2015, 9, 68-77.	0.1	29
140	The Use of Spectral-Domain Optical Coherence Tomography to Detect Glaucoma Progression. Open Ophthalmology Journal, 2015, 9, 78-88.	0.1	33
141	Estimated Rates of Retinal Ganglion Cell Loss in Glaucomatous Eyes with and without Optic Disc Hemorrhages. PLoS ONE, 2014, 9, e105611.	1.1	32
142	Assessment of Choroidal Thickness in Healthy and Glaucomatous Eyes Using Swept Source Optical Coherence Tomography. PLoS ONE, 2014, 9, e109683.	1.1	65
143	Strategies for improving early detection of glaucoma: the combined structure–function index. Clinical Ophthalmology, 2014, 8, 611.	0.9	56
144	Detecting Glaucoma Progression From Localized Rates of Retinal Changes in Parametric and Nonparametric Statistical Framework With Type I Error Control. , 2014, 55, 1684.		3

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145	Twenty-four-hour intraocular pressure patterns in a symptomatic patient after ab interno trabeculotomy surgery. Clinical Ophthalmology, 2014, 8, 2195.	0.9	8
146	Recognizing patterns of visual field loss using unsupervised machine learning. Proceedings of SPIE, 2014, 2014, .	0.8	16
147	Relationship between Ganglion Cell Layer Thickness and Estimated Retinal Ganglion Cell Counts in the Glaucomatous Macula. Ophthalmology, 2014, 121, 2371-2379.	2.5	62
148	The Pathophysiology and Treatment of Glaucoma. JAMA - Journal of the American Medical Association, 2014, 311, 1901.	3.8	2,572
149	Association Between Rate of Binocular Visual Field Change and Vision-Related Quality of Lifeâ€"Reply. JAMA Ophthalmology, 2014, 132, 785.	1.4	2
150	Rates of Retinal Nerve Fiber Layer Thinning in Glaucoma Suspect Eyes. Ophthalmology, 2014, 121, 1350-1358.	2.5	157
151	Defects of the Lamina Cribrosa in Eyes with Localized Retinal Nerve Fiber Layer Loss. Ophthalmology, 2014, 121, 110-118.	2.5	90
152	Evaluation of Progressive Neuroretinal Rim Loss as a Surrogate End Point for Development of Visual Field Loss in Glaucoma. Ophthalmology, 2014, 121, 100-109.	2.5	49
153	Learning From Data: Recognizing Glaucomatous Defect Patterns and Detecting Progression From Visual Field Measurements. IEEE Transactions on Biomedical Engineering, 2014, 61, 2112-2124.	2.5	53
154	Glaucomatous Retinal Nerve Fiber Layer Thickness Loss Is Associated With Slower Reaction Times Under a Divided Attention Task. American Journal of Ophthalmology, 2014, 158, 1008-1017.e2.	1.7	20
155	Glaucoma Progression Detection Using Structural Retinal Nerve Fiber Layer Measurements and Functional Visual Field Points. IEEE Transactions on Biomedical Engineering, 2014, 61, 1143-1154.	2.5	84
156	Predicting Progression of Glaucoma from Rates of Frequency Doubling Technology Perimetry Change. Ophthalmology, 2014, 121, 498-507.	2.5	26
157	Evaluation of Retinal and Choroidal Thickness by Swept-Source Optical Coherence Tomography: Repeatability and Assessment of Artifacts. American Journal of Ophthalmology, 2014, 157, 1022-1032.e3.	1.7	94
158	Use of Statistical Analyses in the Ophthalmic Literature. Ophthalmology, 2014, 121, 1317-1321.	2.5	13
159	Detecting Glaucoma Using Automated Pupillography. Ophthalmology, 2014, 121, 1185-1193.	2.5	34
160	Glaucomatous Patterns in Frequency Doubling Technology (FDT) Perimetry Data Identified by Unsupervised Machine Learning Classifiers. PLoS ONE, 2014, 9, e85941.	1.1	36
161	Advances in the Structural Evaluation of Glaucoma with Optical Coherence Tomography. Current Ophthalmology Reports, 2013, 1, 98-105.	0.5	5
162	Author reply. Ophthalmology, 2013, 120, e85-e86.	2.5	0

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163	Likelihood Ratios for Glaucoma Diagnosis Using Spectral-Domain Optical Coherence Tomography. American Journal of Ophthalmology, 2013, 156, 918-926.e2.	1.7	17
164	Global rates of glaucoma surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 2609-2615.	1.0	41
165	Assessment of Choroidal Thickness and Volume during the Water Drinking Test by Swept-Source Optical Coherence Tomography. Ophthalmology, 2013, 120, 2508-2516.	2.5	102
166	Estimated Retinal Ganglion Cell Counts in Glaucomatous Eyes with Localized Retinal Nerve Fiber Layer Defects. American Journal of Ophthalmology, 2013, 156, 578-587.e1.	1.7	37
167	Retinal Ganglion Cell Count Estimates Associated with Early Development of Visual Field Defects in Glaucoma. Ophthalmology, 2013, 120, 736-744.	2.5	106
168	Corneal Hysteresis as a Risk Factor for Glaucoma Progression: A Prospective Longitudinal Study. Ophthalmology, 2013, 120, 1533-1540.	2.5	232
169	Combining structure and function to evaluate glaucomatous progression: implications for the design of clinical trials. Current Opinion in Pharmacology, 2013, 13, 115-122.	1.7	13
170	Is 24-hour Intraocular Pressure Monitoring Necessary in Glaucoma?. Seminars in Ophthalmology, 2013, 28, 157-164.	0.8	39
171	Comparison of Different Spectral Domain OCT Scanning Protocols for Diagnosing Preperimetric Glaucoma. , 2013, 54, 3417.		112
172	The NEIGHBOR Consortium Primary Open-Angle Glaucoma Genome-wide Association Study. Journal of Glaucoma, 2013, 22, 517-525.	0.8	55
173	African Descent and Glaucoma Evaluation Study. Journal of Glaucoma, 2013, 22, 65-72.	0.8	4
174	The Relationship between Visual Field Index and Estimated Number of Retinal Ganglion Cells in Glaucoma. PLoS ONE, 2013, 8, e76590.	1.1	23
175	Common Variants at 9p21 and 8q22 Are Associated with Increased Susceptibility to Optic Nerve Degeneration in Glaucoma. PLoS Genetics, 2012, 8, e1002654.	1.5	276
176	Predicting Glaucomatous Progression in Glaucoma Suspect Eyes Using Relevance Vector Machine Classifiers for Combined Structural and Functional Measurements. , 2012, 53, 2382.		32
177	Incorporating Risk Factors to Improve the Assessment of Rates of Glaucomatous Progression. , 2012, 53, 2199.		45
178	The Structure and Function Relationship in Glaucoma: Implications for Detection of Progression and Measurement of Rates of Change. , 2012, 53, 6939.		200
179	Driving Simulation as a Performance-based Test of Visual Impairment in Glaucoma. Journal of Glaucoma, 2012, 21, 221-227.	0.8	35
180	Structure-function Relationships Using the Cirrus Spectral Domain Optical Coherence Tomograph and Standard Automated Perimetry. Journal of Glaucoma, 2012, 21, 49-54.	0.8	99

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181	Improved Prediction of Rates of Visual Field Loss in Glaucoma Using Empirical Bayes Estimates of Slopes of Change. Journal of Glaucoma, 2012, 21, 147-154.	0.8	46
182	A Combined Index of Structure and Function for Staging Glaucomatous Damage. JAMA Ophthalmology, 2012, 130, 1107-16.	2.6	125
183	Continuous 24-Hour Monitoring of Intraocular Pressure Patterns With a Contact Lens Sensor. JAMA Ophthalmology, 2012, 130, 1534.	2.6	154
184	Diagnosing Preperimetric Glaucoma with Spectral Domain Optical Coherence Tomography. Ophthalmology, 2012, 119, 2261-2269.	2.5	105
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