Marcelo T Nicolela

List of Publications by Year
in descending order

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58 papers	4,053 citations	257101 24 h-index	253896 43 g-index
58 all docs	58 docs citations	58 times ranked	2113 citing authors

#	Article	IF	Citations
1	Enhanced Detection of Open-angle Glaucoma with an Anatomically Accurate Optical Coherence Tomographyâ€"Derived Neuroretinal Rim Parameter. Ophthalmology, 2013, 120, 535-543.	2.5	323
2	Risk of Falls and Motor Vehicle Collisions in Glaucoma. , 2007, 48, 1149.		262
3	Optic Disc Margin Anatomy in Patients with Glaucoma and Normal Controls with Spectral Domain Optical Coherence Tomography. Ophthalmology, 2012, 119, 738-747.	2.5	239
4	Influence of Clinically Invisible, but Optical Coherence Tomography Detected, Optic Disc Margin Anatomy on Neuroretinal Rim Evaluation. , 2012, 53, 1852.		231
5	Various Glaucomatous Optic Nerve Appearances. Ophthalmology, 1996, 103, 640-649.	2.5	199
6	Laminar and Prelaminar Tissue Displacement During Intraocular Pressure Elevation in Glaucoma Patients and Healthy Controls. Ophthalmology, 2011, 118, 52-59.	2.5	181
7	Rates of Glaucomatous Visual Field Change in a Large Clinical Population. , 2014, 55, 4135.		160
8	Scanning Laser Doppler Flowmeter Study of Retinal and Optic Disk Blood Flow in Glaucomatous Patients. American Journal of Ophthalmology, 1996, 122, 775-783.	1.7	145
9	Threshold and Variability Properties of Matrix Frequency-Doubling Technology and Standard Automated Perimetry in Glaucoma. , 2005, 46, 2451.		145
10	Glaucoma and On-Road Driving Performance. , 2008, 49, 3035.		132
11	Color Doppler Imaging in Patients With Asymmetric Glaucoma and Unilateral Visual Field Loss. American Journal of Ophthalmology, 1996, 121, 502-510.	1.7	129
12	Effects of Cold-Induced Vasospasm in Glaucoma: The Role of Endothelin-1. , 2003, 44, 2565.		113
13	Laminar Displacement and Prelaminar Tissue Thickness Change after Glaucoma Surgery Imaged with Optical Coherence Tomography. , 2012, 53, 5819.		100
14	Properties of the Statpac Visual Field Index. , 2011, 52, 4030.		97
15	Visual Field Progression in Glaucoma: Total Versus Pattern Deviation Analyses. , 2005, 46, 4600.		96
16	Canadian Glaucoma Study. JAMA Ophthalmology, 2010, 128, 1249.	2.6	94
17	Peripapillary Choroidal Thickness in Healthy Controls and Patients With Focal, Diffuse, and Sclerotic Glaucomatous Optic Disc Damage. JAMA Ophthalmology, 2012, 130, 980-6.	2.6	92
18	Enhanced Structure-Function Relationship in Glaucoma With an Anatomically and Geometrically Accurate Neuroretinal Rim Measurement. Investigative Ophthalmology and Visual Science, 2015, 56, 98-105.	3.3	89

#	Article	IF	Citations
19	Incidence and Rates of Visual Field Progression after Longitudinally Measured Optic Disc Change in Glaucoma. Ophthalmology, 2009, 116, 2110-2118.	2.5	88
20	Diagnostic Accuracy of Optical Coherence Tomography and Scanning Laser Tomography for Identifying Glaucoma in Myopic Eyes. Ophthalmology, 2016, 123, 1181-1189.	2.5	75
21	Optic Disk Appearances in Primary Open-Angle Glaucoma. Survey of Ophthalmology, 1999, 43, S223-S243.	1.7	74
22	Importance of Normal Aging in Estimating the Rate of Glaucomatous Neuroretinal Rim and Retinal Nerve Fiber Layer Loss. Ophthalmology, 2015, 122, 2392-2398.	2.5	74
23	Intraocular pressure and progression of glaucomatous visual field loss. American Journal of Ophthalmology, 2000, 129, 302-308.	1.7	72
24	Visual field and optic disc progression in patients with different types of optic disc damage. Ophthalmology, 2003, 110, 2178-2184.	2.5	69
25	Factors associated with optic disc hemorrhages in glaucoma. Ophthalmology, 2004, 111, 1653-1657.	2.5	69
26	Various Glaucomatous Optic Nerve Appearances. Ophthalmology, 1996, 103, 1670-1679.	2.5	64
27	Optic Disc Progression in Glaucoma: Comparison of Confocal Scanning Laser Tomography to Optic Disc Photographs in a Prospective Study. , 2009, 50, 1682.		56
28	Visual Field Progression in Glaucoma. Ophthalmology, 2014, 121, 2023-2027.	2.5	53
29	Serial Changes in Lamina Cribrosa Depth and Neuroretinal Parameters in Glaucoma. Ophthalmology, 2017, 124, 1392-1402.	2.5	50
30	Effect of Cataract Extraction on the Visual Fields of Patients With Glaucoma. JAMA Ophthalmology, 2005, 123, 929.	2.6	49
31	Clinical clues of vascular dysregulation and its association with glaucoma. Canadian Journal of Ophthalmology, 2008, 43, 337-341.	0.4	47
32	agreement among clinicians in the recognition of patterns of optic disk damage in glaucoma. American Journal of Ophthalmology, 2001, 132, 836-844.	1.7	41
33	Effects of Blur and Repeated Testing on Sensitivity Estimates with Frequency Doubling Perimetry. , 2003, 44, 646.		37
34	Glaucomatous Visual Field Progression with Frequency-Doubling Technology and Standard Automated Perimetry in a Longitudinal Prospective Study. , 2005, 46, 547.		37
35	Optic Disc Hemorrhages and Laminar Disinsertions in Glaucoma. Ophthalmology, 2016, 123, 1949-1956.	2.5	37
36	Effect of Moderate Intraocular Pressure Changes on Topographic Measurements With Confocal Scanning Laser Tomography in Patients With Glaucoma. JAMA Ophthalmology, 2006, 124, 633.	2.6	35

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37	Value of 10-2 Visual Field Testing in Glaucoma Patients with Early 24-2 Visual Field Loss. Ophthalmology, 2021, 128, 545-553.	2.5	25
38	Visual Field Progression With Frequency-Doubling Matrix Perimetry and Standard Automated Perimetry in Patients With Glaucoma and in Healthy Controls. JAMA Ophthalmology, 2013, 131, 1565.	1.4	21
39	Rates of Change in the Visual Field and Optic Disc in Patients with Distinct Patterns of Glaucomatous Optic Disc Damage. Ophthalmology, 2012, 119, 294-303.	2.5	19
40	Visibility of Optic Nerve Head Structures With Spectral-domain and Swept-source Optical Coherence Tomography. Journal of Glaucoma, 2017, 26, 792-797.	0.8	18
41	Validity, Reliability, and Repeatability of the Useful Field of View Test in Persons with Normal Vision and Patients with Glaucoma. , 2012, 53, 6763.		17
42	Relationship between Central Corneal Thickness and Hypotony Maculopathy after Trabeculectomy. Ophthalmology, 2007, 114, 1266-1271.	2.5	13
43	Discrepancy in Loss of Macular Perfusion Density and Ganglion Cell Layer Thickness in Early Glaucoma. American Journal of Ophthalmology, 2021, 221, 39-47.	1.7	13
44	Outer retinal layer thickness in patients with glaucoma with horizontal hemifield visual field defects. British Journal of Ophthalmology, 2019, 103, 1217-1222.	2.1	12
45	Asymmetry analysis of macular optical coherence tomography angiography in patients with glaucoma and healthy subjects. British Journal of Ophthalmology, 2020, 104, 1724-1729.	2.1	11
46	Retinal vein pulsation predicts increasing optic disc excavation. British Journal of Ophthalmology, 2007, 91, 405-406.	2.1	8
47	Retinal Arterial Diameter Changes in Progressive and Nonprogressive Glaucoma. Journal of Glaucoma, 2003, 12, 243-249.	0.8	6
48	Comparing Five Criteria for Evaluating Glaucomatous Visual Fields. American Journal of Ophthalmology, 2022, 237, 154-163.	1.7	6
49	Influence of Bruch's Membrane Opening Area in Diagnosing Glaucoma With Neuroretinal Parameters From Optical Coherence Tomography. American Journal of Ophthalmology, 2019, 208, 94-102.	1.7	5
50	Peripapillary Retinal Segmentation in OCT Angiography. Ophthalmology, 2020, 127, 1770-1772.	2.5	4
51	Scholarly Impact of Academic Ophthalmologists and Vision Scientists in Canada. Clinical Ophthalmology, 2021, Volume 15, 4513-4525.	0.9	4
52	Impact of Glaucoma Severity on Rates of Neuroretinal Rim, Retinal Nerve Fiber Layer, and Macular Ganglion Cell Layer Thickness Change. American Journal of Ophthalmology, 2022, 239, 115-121.	1.7	4
53	Rates of Visual Field Change in Patients With Glaucoma and Healthy Individuals. JAMA Ophthalmology, 2022, 140, 504.	1.4	4
54	Neuroretinal Rim Area Change in Glaucoma Patients With Visual Field Progression Endpoints and Intraocular Pressure Reduction. The Canadian Glaucoma Study: 4. American Journal of Ophthalmology, 2016, 163, 140-147.e1.	1.7	3

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55	Anatomical Features of Gray Crescent. JAMA Ophthalmology, 2018, 136, 1419.	1.4	3
56	Efficacy and Safety of the Susanna Glaucoma Drainage Device After 1 Year of Follow-up. Journal of Glaucoma, 2021, 30, e231-e236.	0.8	2
57	Author Response: Peripapillary Atrophy in Myopic Eyes: Comparison of Gamma to Beta Zone Ratio Between Those With and Without Glaucoma. , 2016, 57, 6032.		1
58	Clinical relevance of protruded retinal layers in minimum rim width measurement of the optic nerve head. British Journal of Ophthalmology, 2019, 103, 1401-1405.	2.1	0