

# Donald L Budenz

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

5,074  
citations

236925

25  
h-index

197818

49  
g-index

60  
all docs

60  
docs citations

60  
times ranked

3705  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determinants of Normal Retinal Nerve Fiber Layer Thickness Measured by Stratus OCT. <i>Ophthalmology</i> , 2007, 114, 1046-1052.	5.2	583
2	Macular Ganglion Cellâ€“Inner Plexiform Layer: Automated Detection and Thickness Reproducibility with Spectral Domainâ€“Optical Coherence Tomography in Glaucoma. , 2011, 52, 8323.		384
3	Sensitivity and specificity of the StratusOCT for perimetric glaucoma. <i>Ophthalmology</i> , 2005, 112, 3-9.	5.2	275
4	Reproducibility of Retinal Nerve Fiber Thickness Measurements Using the Stratus OCT in Normal and Glaucomatous Eyes. , 2005, 46, 2440.		273
5	Treatment Outcomes in the Ahmed Baerveldt Comparison Study after 1 Year of Follow-up. <i>Ophthalmology</i> , 2011, 118, 443-452.	5.2	261
6	Reproducibility of Peripapillary Retinal Nerve Fiber Layer Thickness and Optic Nerve Head Parameters Measured with Cirrus HD-OCT in Glaucomatous Eyes. , 2010, 51, 5724.		260
7	Five-Year Treatment Outcomes in the Ahmed Baerveldt Comparison Study. <i>Ophthalmology</i> , 2015, 122, 308-316.	5.2	250
8	Detection and Prognostic Significance of Optic Disc Hemorrhages during the Ocular Hypertension Treatment Study. <i>Ophthalmology</i> , 2006, 113, 2137-2143.	5.2	249
9	Reproducibility of Peripapillary Retinal Nerve Fiber Thickness Measurements with Stratus OCT in Glaucomatous Eyes. <i>Ophthalmology</i> , 2008, 115, 661-666.e4.	5.2	234
10	Genome-wide association analysis identifies TXNRD2, ATXN2 and FOXC1 as susceptibility loci for primary open-angle glaucoma. <i>Nature Genetics</i> , 2016, 48, 189-194.	21.4	211
11	Three-year Treatment Outcomes in the Ahmed Baerveldt Comparison Study. <i>Ophthalmology</i> , 2014, 121, 1547-1557.e1.	5.2	169
12	Five-Year Pooled Data Analysis of the Ahmed Baerveldt Comparison Study and the Ahmed Versus Baerveldt Study. <i>American Journal of Ophthalmology</i> , 2017, 176, 118-126.	3.3	152
13	Prevalence of Glaucoma in an Urban West African Population. <i>JAMA Ophthalmology</i> , 2013, 131, 651.	2.5	149
14	Postoperative Complications in the Ahmed Baerveldt Comparison Study During Five Years of Follow-up. <i>American Journal of Ophthalmology</i> , 2016, 163, 75-82.e3.	3.3	131
15	Retinal nerve fibre layer thickness floor and corresponding functional loss in glaucoma. <i>British Journal of Ophthalmology</i> , 2015, 99, 732-737.	3.9	115
16	Residual and Dynamic Range of Retinal Nerve Fiber Layer Thickness in Glaucoma: Comparison of Three OCT Platforms. , 2015, 56, 6344.		114
17	Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018, 27, 1486-1496.	2.9	111
18	Association of CAV1/CAV2 Genomic Variants with Primary Open-Angle Glaucoma Overall and by Gender and Pattern of Visual Field Loss. <i>Ophthalmology</i> , 2014, 121, 508-516.	5.2	91

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19	Comparison of Glaucomatous Visual Field Defects Using Standard Full Threshold and Swedish Interactive Threshold Algorithms. JAMA Ophthalmology, 2002, 120, 1136.	2.4	87
20	Baerveldt glaucoma implant in the management of refractory childhood glaucomas. Ophthalmology, 2004, 111, 2204-2210.	5.2	87
21	Sensitivity and specificity of the swedish interactive threshold algorithm for glaucomatous visual field defects1 1None of the authors has a commercial interest in Humphrey Systems.. Ophthalmology, 2002, 109, 1052-1058.	5.2	76
22	Blindness and Visual Impairment in an Urban West African Population: The Tema Eye Survey. Ophthalmology, 2012, 119, 1744-1753.	5.2	63
23	Choroidal Thickness in Unilateral Advanced Glaucoma. , 2012, 53, 6695.		53
24	Association of Genetic Variants With Primary Open-Angle Glaucoma Among Individuals With African Ancestry. JAMA - Journal of the American Medical Association, 2019, 322, 1682.	7.4	50
25	A Clinician's Guide to the Assessment and Management of Nonadherence in Glaucoma. Ophthalmology, 2009, 116, S43-S47.	5.2	47
26	Drop instillation and glaucoma. Current Opinion in Ophthalmology, 2018, 29, 171-177.	2.9	46
27	Assessing the Association of Mitochondrial Genetic Variation With Primary Open-Angle Glaucoma Using Gene-Set Analyses. , 2016, 57, 5046.		44
28	A Common Variant in <i>MIR182</i> Is Associated With Primary Open-Angle Glaucoma in the NEIGHBORHOOD Consortium. , 2016, 57, 4528.		42
29	Symmetry between the right and left eyes of the normal retinal nerve fiber layer measured with optical coherence tomography (an AOS thesis). Transactions of the American Ophthalmological Society, 2008, 106, 252-75.	1.4	36
30	Association of a Primary Open-Angle Glaucoma Genetic Risk Score With Earlier Age at Diagnosis. JAMA Ophthalmology, 2019, 137, 1190.	2.5	32
31	DNA Copy Number Variants of Known Glaucoma Genes in Relation to Primary Open-Angle Glaucoma. Investigative Ophthalmology and Visual Science, 2014, 55, 8251-8258.	3.3	27
32	Thirteen-Year Follow-up of Optic Disc Hemorrhages in the Ocular Hypertension Treatment Study. American Journal of Ophthalmology, 2017, 174, 126-133.	3.3	26
33	Effect of Adjusting Retinal Nerve Fiber Layer Profile to Fovea-Disc Angle Axis on the Thickness and Glaucoma Diagnostic Performance. American Journal of Ophthalmology, 2016, 161, 12-21.e2.	3.3	25
34	Utility of combining spectral domain optical coherence tomography structural parameters for the diagnosis of early Glaucoma: a mini-review. Eye and Vision (London, England), 2018, 5, 9.	3.0	25
35	New options for combined cataract and glaucoma surgery. Current Opinion in Ophthalmology, 2014, 25, 141-147.	2.9	24
36	Detecting Visual Field Progression. Ophthalmology, 2017, 124, S51-S56.	5.2	23

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37	Combined Baerveldt Glaucoma Drainage Implant and Trabeculectomy with Mitomycin C for Refractory Glaucoma. <i>Journal of Glaucoma</i> , 2002, 11, 439-445.	1.6	22
38	Eight-Year Incidence of Open-Angle Glaucoma in the Tema Eye Survey. <i>Ophthalmology</i> , 2019, 126, 372-380.	5.2	22
39	Longitudinal Changes in Peripapillary Atrophy in the Ocular Hypertension Treatment Study. <i>Ophthalmology</i> , 2015, 122, 79-86.	5.2	20
40	Central Corneal Thickness and its Associations With Ocular and Systemic Factors in an Urban West African Population. <i>American Journal of Ophthalmology</i> , 2016, 169, 268-275.	3.3	20
41	A randomized controlled trial of an online educational video intervention to improve glaucoma eye drop technique. <i>Patient Education and Counseling</i> , 2019, 102, 937-943.	2.2	20
42	Genetic correlations between intraocular pressure, blood pressure and primary open-angle glaucoma: a multi-cohort analysis. <i>European Journal of Human Genetics</i> , 2017, 25, 1261-1267.	2.8	18
43	Combined pars plana vitrectomy and Baerveldt glaucoma implant placement for refractory glaucoma. <i>International Journal of Ophthalmology</i> , 2015, 8, 916-21.	1.1	17
44	Glaucoma Patient Preferences for Video Education on Eye Drop Technique. <i>Optometry and Vision Science</i> , 2019, 96, 325-330.	1.2	16
45	Risk Factors for Failure of Tube Shunt Surgery: A Pooled Data Analysis. <i>American Journal of Ophthalmology</i> , 2022, 240, 217-224.	3.3	15
46	Longitudinal Change in Central Corneal Thickness in the Tema Eye Survey. <i>American Journal of Ophthalmology</i> , 2018, 186, 10-18.	3.3	14
47	Testosterone Pathway Genetic Polymorphisms in Relation to Primary Open-Angle Glaucoma: An Analysis in Two Large Datasets. , 2018, 59, 629.		14
48	A Statistical Model to Analyze Clinician Expert Consensus on Glaucoma Progression using Spatially Correlated Visual Field Data. <i>Translational Vision Science and Technology</i> , 2016, 5, 14.	2.2	13
49	Validation of the UNC OCT Index for the Diagnosis of Early Glaucoma. <i>Translational Vision Science and Technology</i> , 2018, 7, 16.	2.2	11
50	Increasing Engagement of African American Patients with Glaucoma during Medical Encounters: Creation of a Pre-visit Video. <i>Optometry and Vision Science</i> , 2020, 97, 503-508.	1.2	8
51	Differences in Optical Coherence Tomography Assessment of Bruch Membrane Opening Compared to Stereoscopic Photography for Estimating Cup-to-Disc Ratio. <i>American Journal of Ophthalmology</i> , 2017, 184, 34-41.	3.3	5
52	Author reply. <i>Ophthalmology</i> , 2015, 122, e14-e15.	5.2	4
53	Stereo Photo Measured ONH Shape Predicts Development of POAG in Subjects With Ocular Hypertension. , 2015, 56, 4470.		3
54	Improved Detection of Visual Field Progression Using a Spatiotemporal Boundary Detection Method. <i>Scientific Reports</i> , 2019, 9, 4642.	3.3	3

#	ARTICLE	IF	CITATIONS
55	Comments by: Nathan Radcliffe, MD and Eytan Blumenthal, MD: Late-onset Bleb Leakage. Journal of Glaucoma, 2009, 18, 265-267.	1.6	1
56	Glaucoma at the Center of the Earth. Advances in Ophthalmology and Optometry, 2019, 4, 211-222.	0.3	1
57	Incidence of Glaucoma Progression and Rate of Visual Field Deterioration in a Cohort of Urban Ghanaians. Journal of Glaucoma, 2022, Publish Ahead of Print, .	1.6	1
58	Clinicians' Use of Quantitative Information When Assessing the Rate of Structural Progression in Glaucoma. Ophthalmology Glaucoma, 2022, 5, 507-515.	1.9	1
59	What Makes for a Good OCT for Glaucoma?. , 2020, , 11-29.		0
60	Cliniciansâ€™ Use of Quantitative Information when Assessing the Rate of Functional Progression in Glaucoma. Ophthalmology Glaucoma, 2022, , .	1.9	0