

Shaban Demirel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

1,829
citations

24
h-index

40
g-index

76
ext. papers

2,080
ext. citations

3.2
avg, IF

4.81
L-index

#	Paper	IF	Citations
71	Assessment of the reliability of standard automated perimetry in regions of glaucomatous damage. <i>Ophthalmology</i> , 2014 , 121, 1359-69	7.3	115
70	Bruch's Membrane Opening Minimum Rim Width and Retinal Nerve Fiber Layer Thickness in a Normal White Population: A Multicenter Study. <i>Ophthalmology</i> , 2015 , 122, 1786-94	7.3	113
69	A method to estimate the amount of neuroretinal rim tissue in glaucoma: comparison with current methods for measuring rim area. <i>American Journal of Ophthalmology</i> , 2014 , 157, 540-9.e1-2	4.9	97
68	IOP-induced lamina cribrosa deformation and scleral canal expansion: independent or related? 2011 , 52, 9023-32		96
67	Anterior lamina cribrosa surface depth, age, and visual field sensitivity in the Portland Progression Project 2014 , 55, 1531-9		69
66	Comparing multifocal VEP and standard automated perimetry in high-risk ocular hypertension and early glaucoma. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 1173-80		66
65	Normative ranges and specificity of the multifocal VEP. <i>Documenta Ophthalmologica</i> , 2004 , 109, 87-100	2.2	55
64	Factors predicting the rate of functional progression in early and suspected glaucoma 2012 , 53, 3598-604		54
63	Structural Measurements for Monitoring Change in Glaucoma: Comparing Retinal Nerve Fiber Layer Thickness With Minimum Rim Width and Area 2015 , 56, 6886-91		53
62	Automated Segmentation Errors When Using Optical Coherence Tomography to Measure Retinal Nerve Fiber Layer Thickness in Glaucoma. <i>American Journal of Ophthalmology</i> , 2017 , 174, 1-8	4.9	52
61	Incidence and prevalence of short wavelength automated perimetry deficits in ocular hypertensive patients. <i>American Journal of Ophthalmology</i> , 2001 , 131, 709-15	4.9	52
60	The Effect of Limiting the Range of Perimetric Sensitivities on Pointwise Assessment of Visual Field Progression in Glaucoma 2016 , 57, 288-94		49
59	Assessment of false positives with the Humphrey Field Analyzer II perimeter with the SITA Algorithm. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4632-7		48
58	Transcranial magnetic stimulation. <i>NeuroReport</i> , 1996 , 7, 1740-1744	1.7	46
57	Anatomic vs. acquired image frame discordance in spectral domain optical coherence tomography minimum rim measurements. <i>PLoS ONE</i> , 2014 , 9, e92225	3.7	41
56	Assessment of patient opinions of different clinical tests used in the management of glaucoma. <i>Ophthalmology</i> , 2008 , 115, 2127-31	7.3	38
55	Asymmetries and visual field summaries as predictors of glaucoma in the ocular hypertension treatment study. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 3896-903		35

54	Changes in Retinal Nerve Fiber Layer Reflectance Intensity as a Predictor of Functional Progression in Glaucoma 2016 , 57, 1221-7		35
53	What limits detection and resolution of short-wavelength sinusoidal gratings across the retina?. <i>Vision Research</i> , 2002 , 42, 981-90	2.1	33
52	Nonlinear, multilevel mixed-effects approach for modeling longitudinal standard automated perimetry data in glaucoma 2013 , 54, 5505-13		32
51	Eye Movements During Perimetry and the Effect that Fixational Instability Has on Perimetric Outcomes. <i>Journal of Glaucoma</i> , 1994 , 3, 28-35	2.1	31
50	The Effect of Stimulus Size on the Reliable Stimulus Range of Perimetry. <i>Translational Vision Science and Technology</i> , 2015 , 4, 10	3.3	31
49	Series length used during trend analysis affects sensitivity to changes in progression rate in the ocular hypertension treatment study 2013 , 54, 1252-9		25
48	Repeatability of normal multifocal VEP: implications for detecting progression. <i>Journal of Glaucoma</i> , 2006 , 15, 131-41	2.1	24
47	Signal-to-Noise Ratios for Structural and Functional Tests in Glaucoma. <i>Translational Vision Science and Technology</i> , 2013 , 2, 3	3.3	23
46	Rate of Visual Field Progression in Eyes With Optic Disc Hemorrhages in the Ocular Hypertension Treatment Study. <i>JAMA Ophthalmology</i> , 2012 , 130, 1541		23
45	Differential Effects of Aging in the Macular Retinal Layers, Neuroretinal Rim, and Peripapillary Retinal Nerve Fiber Layer. <i>Ophthalmology</i> , 2020 , 127, 177-185	7.3	23
44	Perceived spatial frequency of sinusoidal gratings. <i>Optometry and Vision Science</i> , 2008 , 85, 318-29	2.1	22
43	The oculomotor gap effect without a foveal fixation point. <i>Vision Research</i> , 1999 , 39, 833-41	2.1	21
42	Factors Influencing Central Lamina Cribrosa Depth: A Multicenter Study 2018 , 59, 2357-2370		21
41	The effect of test variability on the structure-function relationship in early glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2012 , 250, 1851-61	3.8	20
40	Isolation of short-wavelength sensitive mechanisms in normal and glaucomatous visual field regions. <i>Journal of Glaucoma</i> , 2000 , 9, 63-73	2.1	20
39	Vision-related Quality of Life in Glaucoma Suspect or Early Glaucoma Patients. <i>Journal of Glaucoma</i> , 2016 , 25, 629-33	2.1	19
38	Peripapillary Retinoschisis in Glaucoma: Association With Progression and OCT Signs of Müller Cell Involvement 2018 , 59, 2818-2827		19
37	Features of optic disc progression in patients with ocular hypertension and early glaucoma. <i>Journal of Glaucoma</i> , 2013 , 22, 343-8	2.1	18

36	Glaucoma Specialist Optic Disc Margin, Rim Margin, and Rim Width Discordance in Glaucoma and Glaucoma Suspect Eyes. <i>American Journal of Ophthalmology</i> , 2018 , 192, 65-76	4.9	17
35	Perimetric indices as predictors of future glaucomatous functional change. <i>Optometry and Vision Science</i> , 2011 , 88, 56-62	2.1	17
34	Detection of Functional Change Using Cluster Trend Analysis in Glaucoma 2017 , 58, BIO180-BIO190		16
33	The rate of visual field change in the ocular hypertension treatment study 2012 , 53, 224-7		16
32	Short-wavelength acuity: optical factors affecting detection and resolution of blue-yellow sinusoidal gratings in foveal and peripheral vision. <i>Vision Research</i> , 2003 , 43, 101-7	2.1	16
31	Reducing Variability of Perimetric Global Indices from Eyes with Progressive Glaucoma by Censoring Unreliable Sensitivity Data. <i>Translational Vision Science and Technology</i> , 2017 , 6, 11	3.3	15
30	Localized Changes in Retinal Nerve Fiber Layer Thickness as a Predictor of Localized Functional Change in Glaucoma. <i>American Journal of Ophthalmology</i> , 2016 , 170, 75-82	4.9	15
29	Detecting Change Using Standard Global Perimetric Indices in Glaucoma. <i>American Journal of Ophthalmology</i> , 2017 , 176, 148-156	4.9	14
28	Factors Influencing Optical Coherence Tomography Peripapillary Choroidal Thickness: A Multicenter Study 2019 , 60, 795-806		14
27	Assessment of linear-scale indices for perimetry in terms of progression in early glaucoma. <i>Vision Research</i> , 2011 , 51, 1801-10	2.1	14
26	Peripapillary Scleral Bowing Increases with Age and Is Inversely Associated with Peripapillary Choroidal Thickness in Healthy Eyes. <i>American Journal of Ophthalmology</i> , 2020 , 217, 91-103	4.9	14
25	OCT-Detected Optic Nerve Head Neural Canal Direction, Obliqueness, and Minimum Cross-Sectional Area in Healthy Eyes. <i>American Journal of Ophthalmology</i> , 2019 , 208, 185-205	4.9	13
24	Multifocal visual evoked potential responses to pattern-reversal, pattern-onset, pattern-offset, and sparse pulse stimuli. <i>Visual Neuroscience</i> , 2009 , 26, 227-35	1.7	11
23	Peripheral resolution for achromatic and SWS gratings in early to moderate glaucoma and the implications for selective ganglion cell density loss. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 4780-6		11
22	Comorbidities confounding the outcomes of surgery for third window syndrome: Outlier analysis. <i>Laryngoscope Investigative Otolaryngology</i> , 2017 , 2, 225-253	2.8	10
21	Detection and resolution of vanishing optotype letters in central and peripheral vision. <i>Vision Research</i> , 2012 , 59, 9-16	2.1	10
20	Nonlinear Trend Analysis of Longitudinal Pointwise Visual Field Sensitivity in Suspected and Early Glaucoma. <i>Translational Vision Science and Technology</i> , 2015 , 4, 8	3.3	10
19	Variability in short-wavelength automated perimetry among peri- or postmenopausal women: a dependence on phyto-oestrogen consumption?. <i>Acta Ophthalmologica</i> , 2011 , 89, e217-24	3.7	10

18	Predicting progressive glaucomatous optic neuropathy using baseline standard automated perimetry data 2009 , 50, 674-80		9
17	The Effect of Family Presence on Rounding Duration in the PICU. <i>Hospital Pediatrics</i> , 2017 , 7, 103-107	2.5	8
16	Optical Coherence Tomography Segmentation Errors of the Retinal Nerve Fiber Layer Persist Over Time. <i>Journal of Glaucoma</i> , 2019 , 28, 368-374	2.1	8
15	Optical Coherence Tomography Structural Abnormality Detection in Glaucoma Using Topographically Correspondent Rim and Retinal Nerve Fiber Layer Criteria. <i>American Journal of Ophthalmology</i> , 2020 , 213, 203-216	4.9	5
14	Glaucoma Specialist Detection of Optical Coherence Tomography Suspicious Rim Tissue in Glaucoma and Glaucoma Suspect Eyes. <i>American Journal of Ophthalmology</i> , 2019 , 199, 28-43	4.9	5
13	Association of Optic Nerve Head Prelaminar Schisis With Glaucoma. <i>American Journal of Ophthalmology</i> , 2021 , 223, 246-258	4.9	5
12	Effect of recording duration on the diagnostic performance of multifocal visual-evoked potentials in high-risk ocular hypertension and early glaucoma. <i>Journal of Glaucoma</i> , 2008 , 17, 175-82	2.1	4
11	Cup size predicts subsequent functional change in early glaucoma. <i>Optometry and Vision Science</i> , 2011 , 88, 1470-6	2.1	4
10	Orbital Volume Correction in Orbital Floor Fractures: A Comparison of Transorbital and Transantral Techniques. <i>Journal of Oral and Maxillofacial Surgery</i> , 2020 , 78, 430.e1-430.e7	1.8	4
9	Predicting conversion to glaucoma using standard automated perimetry and frequency doubling technology. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 797-803	3.8	3
8	Correlating perimetric indices with three nerve fiber layer thickness measures. <i>Optometry and Vision Science</i> , 2013 , 90, 1353-60	2.1	3
7	Early detection of glaucomatous visual field loss: why, what, where, and how. <i>Ophthalmology Clinics of North America</i> , 2005 , 18, 365-73, v-vi		3
6	Roadmap to Wellness: Exploring Live Customized Music at the Bedside for Hospitalized Children. <i>Frontiers in Oncology</i> , 2018 , 8, 21	5.3	2
5	Reducing variability in visual field assessment for glaucoma through filtering that combines structural and functional information 2014 , 55, 4593-602		2
4	Frailty Modeling via the Empirical Bayes Hastings Sampler. <i>Computational Statistics and Data Analysis</i> , 2012 , 56, 1303-1318	1.6	1
3	PREDICTING GLAUCOMA PROGRESSION USING DECISION TREES FOR CLUSTERED DATA BY GOODNESS OF SPLIT. <i>International Journal of Semantic Computing</i> , 2013 , 07, 157-172	0.7	1
2	Reliability of the Dexcom G6 Continuous Glucose Monitor During Hyperbaric Oxygen Exposure. <i>Diabetes Technology and Therapeutics</i> , 2020 , 22, 360-366	8.1	0
1	Psychophysiology of Glaucoma 2008 , 527-548		

