

# Shaban Demirel

## List of Publications by Year in Descending Order

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**Version:** 2024-04-26

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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	Association of Optic Nerve Head Prelaminar Schisis With Glaucoma. <i>American Journal of Ophthalmology</i> , <b>2021</b> , 223, 246-258	4.9	5
70	Reliability of the Dexcom G6 Continuous Glucose Monitor During Hyperbaric Oxygen Exposure. <i>Diabetes Technology and Therapeutics</i> , <b>2020</b> , 22, 360-366	8.1	0
69	Optical Coherence Tomography Structural Abnormality Detection in Glaucoma Using Topographically Correspondent Rim and Retinal Nerve Fiber Layer Criteria. <i>American Journal of Ophthalmology</i> , <b>2020</b> , 213, 203-216	4.9	5
68	Orbital Volume Correction in Orbital Floor Fractures: A Comparison of Transorbital and Transantral Techniques. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2020</b> , 78, 430.e1-430.e7	1.8	4
67	Differential Effects of Aging in the Macular Retinal Layers, Neuroretinal Rim, and Peripapillary Retinal Nerve Fiber Layer. <i>Ophthalmology</i> , <b>2020</b> , 127, 177-185	7.3	23
66	Peripapillary Scleral Bowing Increases with Age and Is Inversely Associated with Peripapillary Choroidal Thickness in Healthy Eyes. <i>American Journal of Ophthalmology</i> , <b>2020</b> , 217, 91-103	4.9	14
65	OCT-Detected Optic Nerve Head Neural Canal Direction, Obliqueness, and Minimum Cross-Sectional Area in Healthy Eyes. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 208, 185-205	4.9	13
64	Factors Influencing Optical Coherence Tomography Peripapillary Choroidal Thickness: A Multicenter Study <b>2019</b> , 60, 795-806		14
63	Optical Coherence Tomography Segmentation Errors of the Retinal Nerve Fiber Layer Persist Over Time. <i>Journal of Glaucoma</i> , <b>2019</b> , 28, 368-374	2.1	8
62	Glaucoma Specialist Detection of Optical Coherence Tomography Suspicious Rim Tissue in Glaucoma and Glaucoma Suspect Eyes. <i>American Journal of Ophthalmology</i> , <b>2019</b> , 199, 28-43	4.9	5
61	Peripapillary Retinoschisis in Glaucoma: Association With Progression and OCT Signs of Müller Cell Involvement <b>2018</b> , 59, 2818-2827		19
60	Roadmap to Wellness: Exploring Live Customized Music at the Bedside for Hospitalized Children. <i>Frontiers in Oncology</i> , <b>2018</b> , 8, 21	5.3	2
59	Glaucoma Specialist Optic Disc Margin, Rim Margin, and Rim Width Discordance in Glaucoma and Glaucoma Suspect Eyes. <i>American Journal of Ophthalmology</i> , <b>2018</b> , 192, 65-76	4.9	17
58	Factors Influencing Central Lamina Cribrosa Depth: A Multicenter Study <b>2018</b> , 59, 2357-2370		21
57	The Effect of Family Presence on Rounding Duration in the PICU. <i>Hospital Pediatrics</i> , <b>2017</b> , 7, 103-107	2.5	8
56	Predicting conversion to glaucoma using standard automated perimetry and frequency doubling technology. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2017</b> , 255, 797-803	3.8	3
55	Detecting Change Using Standard Global Perimetric Indices in Glaucoma. <i>American Journal of Ophthalmology</i> , <b>2017</b> , 176, 148-156	4.9	14

54	Comorbidities confounding the outcomes of surgery for third window syndrome: Outlier analysis. <i>Laryngoscope Investigative Otolaryngology</i> , <b>2017</b> , 2, 225-253	2.8	10
53	Detection of Functional Change Using Cluster Trend Analysis in Glaucoma <b>2017</b> , 58, BIO180-BIO190		16
52	Reducing Variability of Perimetric Global Indices from Eyes with Progressive Glaucoma by Censoring Unreliable Sensitivity Data. <i>Translational Vision Science and Technology</i> , <b>2017</b> , 6, 11	3.3	15
51	Automated Segmentation Errors When Using Optical Coherence Tomography to Measure Retinal Nerve Fiber Layer Thickness in Glaucoma. <i>American Journal of Ophthalmology</i> , <b>2017</b> , 174, 1-8	4.9	52
50	Vision-related Quality of Life in Glaucoma Suspect or Early Glaucoma Patients. <i>Journal of Glaucoma</i> , <b>2016</b> , 25, 629-33	2.1	19
49	The Effect of Limiting the Range of Perimetric Sensitivities on Pointwise Assessment of Visual Field Progression in Glaucoma <b>2016</b> , 57, 288-94		49
48	Changes in Retinal Nerve Fiber Layer Reflectance Intensity as a Predictor of Functional Progression in Glaucoma <b>2016</b> , 57, 1221-7		35
47	Localized Changes in Retinal Nerve Fiber Layer Thickness as a Predictor of Localized Functional Change in Glaucoma. <i>American Journal of Ophthalmology</i> , <b>2016</b> , 170, 75-82	4.9	15
46	Bruch's Membrane Opening Minimum Rim Width and Retinal Nerve Fiber Layer Thickness in a Normal White Population: A Multicenter Study. <i>Ophthalmology</i> , <b>2015</b> , 122, 1786-94	7.3	113
45	Nonlinear Trend Analysis of Longitudinal Pointwise Visual Field Sensitivity in Suspected and Early Glaucoma. <i>Translational Vision Science and Technology</i> , <b>2015</b> , 4, 8	3.3	10
44	Structural Measurements for Monitoring Change in Glaucoma: Comparing Retinal Nerve Fiber Layer Thickness With Minimum Rim Width and Area <b>2015</b> , 56, 6886-91		53
43	The Effect of Stimulus Size on the Reliable Stimulus Range of Perimetry. <i>Translational Vision Science and Technology</i> , <b>2015</b> , 4, 10	3.3	31
42	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> , <b>2014</b> , 157, 540-9.e1-2	4.9	97
41	Assessment of the reliability of standard automated perimetry in regions of glaucomatous damage. <i>Ophthalmology</i> , <b>2014</b> , 121, 1359-69	7.3	115
40	Anatomic vs. acquired image frame discordance in spectral domain optical coherence tomography minimum rim measurements. <i>PLoS ONE</i> , <b>2014</b> , 9, e92225	3.7	41
39	Anterior lamina cribrosa surface depth, age, and visual field sensitivity in the Portland Progression Project <b>2014</b> , 55, 1531-9		69
38	Reducing variability in visual field assessment for glaucoma through filtering that combines structural and functional information <b>2014</b> , 55, 4593-602		2
37	PREDICTING GLAUCOMA PROGRESSION USING DECISION TREES FOR CLUSTERED DATA BY GOODNESS OF SPLIT. <i>International Journal of Semantic Computing</i> , <b>2013</b> , 07, 157-172	0.7	1

36	Correlating perimetric indices with three nerve fiber layer thickness measures. <i>Optometry and Vision Science</i> , <b>2013</b> , 90, 1353-60	2.1	3
35	Features of optic disc progression in patients with ocular hypertension and early glaucoma. <i>Journal of Glaucoma</i> , <b>2013</b> , 22, 343-8	2.1	18
34	Nonlinear, multilevel mixed-effects approach for modeling longitudinal standard automated perimetry data in glaucoma <b>2013</b> , 54, 5505-13		32
33	Signal-to-Noise Ratios for Structural and Functional Tests in Glaucoma. <i>Translational Vision Science and Technology</i> , <b>2013</b> , 2, 3	3.3	23
32	Series length used during trend analysis affects sensitivity to changes in progression rate in the ocular hypertension treatment study <b>2013</b> , 54, 1252-9		25
31	Frailty Modeling via the Empirical Bayes Hastings Sampler. <i>Computational Statistics and Data Analysis</i> , <b>2012</b> , 56, 1303-1318	1.6	1
30	Detection and resolution of vanishing optotype letters in central and peripheral vision. <i>Vision Research</i> , <b>2012</b> , 59, 9-16	2.1	10
29	The effect of test variability on the structure-function relationship in early glaucoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , <b>2012</b> , 250, 1851-61	3.8	20
28	Factors predicting the rate of functional progression in early and suspected glaucoma <b>2012</b> , 53, 3598-604		54
27	The rate of visual field change in the ocular hypertension treatment study <b>2012</b> , 53, 224-7		16
26	Rate of Visual Field Progression in Eyes With Optic Disc Hemorrhages in the Ocular Hypertension Treatment Study. <i>JAMA Ophthalmology</i> , <b>2012</b> , 130, 1541		23
25	Variability in short-wavelength automated perimetry among peri- or postmenopausal women: a dependence on phyto-oestrogen consumption?. <i>Acta Ophthalmologica</i> , <b>2011</b> , 89, e217-24	3.7	10
24	Perimetric indices as predictors of future glaucomatous functional change. <i>Optometry and Vision Science</i> , <b>2011</b> , 88, 56-62	2.1	17
23	Assessment of linear-scale indices for perimetry in terms of progression in early glaucoma. <i>Vision Research</i> , <b>2011</b> , 51, 1801-10	2.1	14
22	IOP-induced lamina cribrosa deformation and scleral canal expansion: independent or related? <b>2011</b> , 52, 9023-32		96
21	Cup size predicts subsequent functional change in early glaucoma. <i>Optometry and Vision Science</i> , <b>2011</b> , 88, 1470-6	2.1	4
20	Predicting progressive glaucomatous optic neuropathy using baseline standard automated perimetry data <b>2009</b> , 50, 674-80		9
19	Multifocal visual evoked potential responses to pattern-reversal, pattern-onset, pattern-offset, and sparse pulse stimuli. <i>Visual Neuroscience</i> , <b>2009</b> , 26, 227-35	1.7	11

18	Assessment of patient opinions of different clinical tests used in the management of glaucoma. <i>Ophthalmology</i> , <b>2008</b> , 115, 2127-31	7.3	38
17	Perceived spatial frequency of sinusoidal gratings. <i>Optometry and Vision Science</i> , <b>2008</b> , 85, 318-29	2.1	22
16	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> , <b>2008</b> , 17, 175-82	2.1	4
15	Psychophysiology of Glaucoma <b>2008</b> , 527-548		
14	Comparing multifocal VEP and standard automated perimetry in high-risk ocular hypertension and early glaucoma. <i>Investigative Ophthalmology and Visual Science</i> , <b>2007</b> , 48, 1173-80		66
13	Assessment of false positives with the Humphrey Field Analyzer II perimeter with the SITA Algorithm. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 4632-7		48
12	Asymmetries and visual field summaries as predictors of glaucoma in the ocular hypertension treatment study. <i>Investigative Ophthalmology and Visual Science</i> , <b>2006</b> , 47, 3896-903		35
11	Repeatability of normal multifocal VEP: implications for detecting progression. <i>Journal of Glaucoma</i> , <b>2006</b> , 15, 131-41	2.1	24
10	Early detection of glaucomatous visual field loss: why, what, where, and how. <i>Ophthalmology Clinics of North America</i> , <b>2005</b> , 18, 365-73, v-vi		3
9	Normative ranges and specificity of the multifocal VEP. <i>Documenta Ophthalmologica</i> , <b>2004</b> , 109, 87-100	2.2	55
8	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> , <b>2003</b> , 44, 4780-6		11
7	Short-wavelength acuity: optical factors affecting detection and resolution of blue-yellow sinusoidal gratings in foveal and peripheral vision. <i>Vision Research</i> , <b>2003</b> , 43, 101-7	2.1	16
6	What limits detection and resolution of short-wavelength sinusoidal gratings across the retina?. <i>Vision Research</i> , <b>2002</b> , 42, 981-90	2.1	33
5	Incidence and prevalence of short wavelength automated perimetry deficits in ocular hypertensive patients. <i>American Journal of Ophthalmology</i> , <b>2001</b> , 131, 709-15	4.9	52
4	Isolation of short-wavelength sensitive mechanisms in normal and glaucomatous visual field regions. <i>Journal of Glaucoma</i> , <b>2000</b> , 9, 63-73	2.1	20
3	The oculomotor gap effect without a foveal fixation point. <i>Vision Research</i> , <b>1999</b> , 39, 833-41	2.1	21
2	Transcranial magnetic stimulation. <i>NeuroReport</i> , <b>1996</b> , 7, 1740-1744	1.7	46
1	Eye Movements During Perimetry and the Effect that Fixational Instability Has on Perimetric Outcomes. <i>Journal of Glaucoma</i> , <b>1994</b> , 3, 28-35	2.1	31

