

# Devrim Toslak

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

631  
citations

566801

15  
h-index

610482

24  
g-index

35  
all docs

35  
docs citations

35  
times ranked

630  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transfer Learning for Automated OCTA Detection of Diabetic Retinopathy. Translational Vision Science and Technology, 2020, 9, 35.	1.1	78
2	Quantitative optical coherence tomography angiography: A review. Experimental Biology and Medicine, 2020, 245, 301-312.	1.1	55
3	Response to: Comment on “Choroidal Thickness in Patients with Mild Cognitive Impairment and Alzheimer’s Type Dementia”. Journal of Ophthalmology, 2016, 2016, 1-1.	0.6	39
4	Macular Findings Obtained by Spectral Domain Optical Coherence Tomography in Retinopathy of Prematurity. Journal of Ophthalmology, 2014, 2014, 1-7.	0.6	35
5	Color Fundus Image Guided Artery-Vein Differentiation in Optical Coherence Tomography Angiography. , 2018, 59, 4953.		35
6	Trans-palpebral illumination: an approach for wide-angle fundus photography without the need for pupil dilation. Optics Letters, 2016, 41, 2688.	1.7	33
7	Choroidal Thickness in Patients with Mild Cognitive Impairment and Alzheimer’s Type Dementia. Journal of Ophthalmology, 2016, 2016, 1-7.	0.6	32
8	WIDE-FIELD SMARTPHONE FUNDUS VIDEO CAMERA BASED ON MINIATURIZED INDIRECT OPHTHALMOSCOPY. Retina, 2018, 38, 438-441.	1.0	30
9	Functional optical coherence tomography of neurovascular coupling interactions in the retina. Journal of Biophotonics, 2018, 11, e201800089.	1.1	27
10	OCT feature analysis guided artery-vein differentiation in OCTA. Biomedical Optics Express, 2019, 10, 2055.	1.5	27
11	Portable ultra-widefield fundus camera for multispectral imaging of the retina and choroid. Biomedical Optics Express, 2020, 11, 6281.	1.5	23
12	Trans-pars-planar illumination enables a 200° ultra-wide field pediatric fundus camera for easy examination of the retina. Biomedical Optics Express, 2020, 11, 68.	1.5	22
13	Near-infrared light-guided miniaturized indirect ophthalmoscopy for nonmydriatic wide-field fundus photography. Optics Letters, 2018, 43, 2551.	1.7	19
14	Combining ODR and Blood Vessel Tracking for Artery-Vein Classification and Analysis in Color Fundus Images. Translational Vision Science and Technology, 2018, 7, 23.	1.1	19
15	Smartphone-based imaging of the corneal endothelium at sub-cellular resolution. Journal of Modern Optics, 2017, 64, 1229-1232.	0.6	17
16	Contact-free trans-pars-planar illumination enables snapshot fundus camera for nonmydriatic wide field photography. Scientific Reports, 2018, 8, 8768.	1.6	17
17	Cognitive performance of primary open-angle glaucoma and normal-tension glaucoma patients. Arquivos Brasileiros De Oftalmologia, 2016, 79, 100-4.	0.2	16
18	Near infrared oximetry-guided artery-vein classification in optical coherence tomography angiography. Experimental Biology and Medicine, 2019, 244, 813-818.	1.1	16

#	ARTICLE	IF	CITATIONS
19	Understanding the relationship between visual-angle and eye-angle for reliable determination of the field-of-view in ultra-wide field fundus photography. <i>Biomedical Optics Express</i> , 2021, 12, 6651.	1.5	16
20	Evaluation of nailfold videocapillaroscopy in central serous chorioretinopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2016, 254, 1889-1896.	1.0	15
21	Differential Artery-Vein Analysis Improves the Performance of OCTA Staging of Sickle Cell Retinopathy. <i>Translational Vision Science and Technology</i> , 2019, 8, 3.	1.1	15
22	Intravitreal ranibizumab therapy for retinal arterial macroaneurysm. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 11572-8.	1.3	11
23	A New Objective Parameter in Hydroxychloroquine-Induced Retinal Toxicity Screening Test: Macular Retinal Ganglion Cell-Inner Plexiform Layer Thickness. <i>Archives of Rheumatology</i> , 2018, 33, 52-58.	0.3	9
24	Is the unaffected eye really unaffected? Color Doppler ultrasound findings in unilaterally active central serous chorioretinopathy. <i>Journal of Medical Ultrasonics (2001)</i> , 2017, 44, 173-181.	0.6	7
25	Serous macular detachment, yellow macular deposits, and prominent middle limiting membrane in multiple myeloma. <i>Therapeutics and Clinical Risk Management</i> , 2015, 11, 683.	0.9	6
26	Quantitative artery-vein analysis in optical coherence tomography angiography of diabetic retinopathy. , 2019, , .		5
27	Comparison of Measurement of Central Corneal Thickness with Spectral Domain Optical Coherence Tomography and Standard Ultrasonic Pachymeter in Premature Infants. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-6.	0.6	2
28	Response to: Comment on "Choroidal Thickness in Patients with Mild Cognitive Impairment and Alzheimer's Type Dementia". <i>Journal of Ophthalmology</i> , 2016, 2016, 1-2.	0.6	2
29	Wide-field fundus imaging with trans-palpebral illumination. , 2017, 10045, .		1
30	Is age-related macular degeneration a local manifestation of systemic disorder? Changes in nailfold capillaries at age-related macular degeneration. <i>Irish Journal of Medical Science</i> , 2020, 189, 727-733.	0.8	1
31	Artery and vein differentiation in retinal optical coherence tomography angiography of macular region. , 2019, , .		1
32	Spectral domain-optical coherence tomographic assessment of macular changes following anti-vascular endothelial growth factor therapy in patients with retinopathy of prematurity. <i>Annals of Medical Research</i> , 2018, 25, 635.	0.0	0
33	Automated classification and quantitative analysis of arterial and venous vessels in fundus images. , 2018, 10474, .		0
34	Holographic waveguide based optometer for the quantitative monitoring of ocular refractive error. <i>OSA Continuum</i> , 2020, 3, 620.	1.8	0
35	An ultra-wide-field fundus camera with color balanced trans-palpebral illumination. , 2022, , .		0