Edem Tsikata

List of Publications by Year
in descending order

24 papers	675 citations	759233 12 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	782 citing authors

#	Article	IF	Citations
1	Magnetic Trapping and Zeeman Relaxation of NH (Xâ€‰Î£â~'3). Physical Review Letters, 2007, 98, 213001.	7.8	113
2	Patient Characteristics Associated With Artifacts in Spectralis Optical Coherence Tomography Imaging of the Retinal Nerve Fiber Layer in Glaucoma. American Journal of Ophthalmology, 2015, 159, 565-576.e2.	3.3	103
3	Long-term Visual Outcomes and Complications of Boston Keratoprosthesis Type II Implantation. Ophthalmology, 2017, 124, 27-35.	5.2	71
4	Structural Changes Associated with Delayed Dark Adaptation in Age-Related Macular Degeneration. Ophthalmology, 2017, 124, 1340-1352.	5.2	57
5	Cooling and collisions of large gas phase molecules. Physical Chemistry Chemical Physics, 2010, 12, 9736.	2.8	49
6	Diagnostic Capability of Peripapillary Retinal Thickness in Glaucoma Using 3D Volume Scans. American Journal of Ophthalmology, 2015, 159, 545-556.e2.	3.3	31
7	Comprehensive Three-Dimensional Analysis of the Neuroretinal Rim in Glaucoma Using High-Density Spectral-Domain Optical Coherence Tomography Volume Scans. , 2016, 57, 5498.		28
8	Diagnostic Performance of a NovelÂThree-Dimensional Neuroretinal Rim Parameter for Glaucoma Using High-Density Volume Scans. American Journal of Ophthalmology, 2016, 169, 168-178.	3.3	27
9	Enhanced Diagnostic Capability for Glaucoma of 3-Dimensional Versus 2-Dimensional Neuroretinal Rim Parameters Using Spectral Domain Optical Coherence Tomography. Journal of Glaucoma, 2017, 26, 450-458.	1.6	26
10	Artifact Rates for 2D Retinal Nerve Fiber Layer Thickness Versus 3D Retinal Nerve Fiber Layer Volume. Translational Vision Science and Technology, 2020, 9, 12.	2.2	26
11	Effects of Age, Race, and Ethnicity on the Optic Nerve and Peripapillary Region Using Spectral-Domain OCT 3D Volume Scans. Translational Vision Science and Technology, 2018, 7, 12.	2.2	25
12	Automated Brightness and Contrast Adjustment of Color Fundus Photographs for the Grading of Age-Related Macular Degeneration. Translational Vision Science and Technology, 2017, 6, 3.	2.2	22
13	Diagnostic Capability of Peripapillary Three-dimensional Retinal Nerve Fiber Layer Volume for Glaucoma Using Optical Coherence Tomography Volume Scans. American Journal of Ophthalmology, 2017, 182, 180-193.	3.3	15
14	Diagnostic Capability of Three-Dimensional Macular Parameters for Glaucoma Using Optical Coherence Tomography Volume Scans. , 2018, 59, 4998.		14
15	Diagnostic Capability of Peripapillary Retinal Volume Measurements in Glaucoma. Journal of Glaucoma, 2017, 26, 592-601.	1.6	12
16	Three-Dimensional Optical Coherence Tomography Imaging For Glaucoma Associated With Boston Keratoprosthesis Type I and II. Journal of Glaucoma, 2019, 28, 718-726.	1.6	10
17	Artifact Rates for 2D Retinal Nerve Fiber Layer Thickness Versus 3D Neuroretinal Rim Thickness Using Spectral-Domain Optical Coherence Tomography. Translational Vision Science and Technology, 2020, 9, 10.	2.2	10
18	Volumetric Measurement of Optic Nerve Head Drusen Using Swept-Source Optical Coherence Tomography. Journal of Glaucoma, 2017, 26, 798-804.	1.6	9

#	Article	IF	Citations
19	Earlier Detection of Glaucoma Progression Using High-Density 3-Dimensional Spectral-Domain OCT Optic Nerve Volume Scans. Ophthalmology Glaucoma, 2021, 4, 604-616.	1.9	8
20	Analysis of Neuroretinal Rim by Age, Race, and Sex Using High-Density 3-Dimensional Spectral-Domain Optical Coherence Tomography. Journal of Glaucoma, 2019, 28, 979-988.	1.6	6
21	Diagnostic Capability of 3D Peripapillary Retinal Volume for Glaucoma Using Optical Coherence Tomography Customized Software. Journal of Glaucoma, 2019, 28, 708-717.	1.6	5
22	Three-dimensional Neuroretinal Rim Thickness and Visual Fields in Glaucoma: A Broken-stick Model. Journal of Glaucoma, 2020, 29, 952-963.	1.6	4
23	Disc Hemorrhages Are Associated With Localized Three-Dimensional Neuroretinal Rim Thickness Progression in Open-Angle Glaucoma. American Journal of Ophthalmology, 2022, 234, 188-198.	3.3	3
24	Structure-Function Mapping Using a Three-Dimensional Neuroretinal Rim Parameter Derived From Spectral Domain Optical Coherence Tomography Volume Scans. Translational Vision Science and Technology, 2021, 10, 28.	2.2	1