Benjamin Y Xu

List of Publications by Year
in descending order

34 papers	655 citations	623188 14 h-index	642321 23 g-index
34 all docs	34 docs citations	34 times ranked	524 citing authors

#	Article	IF	Citations
1	Deep Learning Classifiers for Automated Detection of Gonioscopic Angle Closure Based on Anterior Segment OCT Images. American Journal of Ophthalmology, 2019, 208, 273-280.	1.7	80
2	Aqueous Angiography: Aqueous Humor Outflow Imaging in Live Human Subjects. Ophthalmology, 2017, 124, 1249-1251.	2.5	75
3	Reproducibility and Agreement of Anterior Segment Parameter Measurements Obtained Using the CASIA2 and Spectralis OCT2 Optical Coherence Tomography Devices. Journal of Glaucoma, 2017, 26, 974-979.	0.8	43
4	Ocular Biometric Risk Factors for Progression of Primary Angle Closure Disease. Ophthalmology, 2022, 129, 267-275.	2.5	36
5	Anatomic Changes and Predictors of Angle Widening after Laser Peripheral Iridotomy. Ophthalmology, 2021, 128, 1161-1168.	2.5	35
6	Correlation between Intraocular Pressure and Angle Configuration Measured by OCT. Ophthalmology Glaucoma, 2018, 1, 158-166.	0.9	33
7	Intradevice Repeatability and Interdevice Agreement of Ocular Biometric Measurements: A Comparison of Two Swept-Source Anterior Segment OCT Devices. Translational Vision Science and Technology, 2020, 9, 14.	1.1	30
8	Deep Neural Network for Scleral Spur Detection in Anterior Segment OCT Images: The Chinese American Eye Study. Translational Vision Science and Technology, 2020, 9, 18.	1.1	30
9	Benefit of Measuring Anterior Segment Structures Using an Increased Number of Optical Coherence Tomography Images: The Chinese American Eye Study. , 2016, 57, 6313.		25
10	Differences in Anterior Chamber Angle Assessments Between Gonioscopy, EyeCam, and Anterior Segment OCT: The Chinese American Eye Study. Translational Vision Science and Technology, 2019, 8, 5.	1.1	25
11	Anterior Segment Optical Coherence Tomography: Applications for Clinical Care and Scientific Research. Asia-Pacific Journal of Ophthalmology, 2019, 8, .	1.3	24
12	Incidence of Proliferative Diabetic Retinopathy and Other Neovascular Sequelae at 5 Years Following Diagnosis of Type 2 Diabetes. Diabetes Care, 2021, 44, 2518-2526.	4.3	21
13	Quantitative Evaluation of Gonioscopic and EyeCam Assessments of Angle Dimensions Using Anterior Segment Optical Coherence Tomography. Translational Vision Science and Technology, 2018, 7, 33.	1.1	20
14	Ocular Biometric Determinants of Anterior Chamber Angle Width in Chinese Americans: The Chinese American Eye Study. American Journal of Ophthalmology, 2020, 220, 19-26.	1.7	19
15	Glaucoma Expert-Level Detection of Angle Closure in Goniophotographs With Convolutional Neural Networks: The Chinese American Eye Study. American Journal of Ophthalmology, 2021, 226, 100-107.	1.7	19
16	A Randomized Controlled Trial Comparing Subconjunctival Injection to Direct Scleral Application of Mitomycin C in Trabeculectomy. American Journal of Ophthalmology, 2020, 220, 45-52.	1.7	16
17	Rates of Eye Care and Diabetic Eye Disease among Insured Patients with Newly Diagnosed Type 2 Diabetes. Ophthalmology Retina, 2021, 5, 160-168.	1.2	16
18	Age- and refraction-related changes in anterior segment anatomical structures measured by swept-source anterior segment OCT. PLoS ONE, 2020, 15, e0240110.	1.1	13

#	Article	IF	Citations
19	Diurnal Variation of Optical Coherence Tomography Measurements of Static and Dynamic Anterior Segment Parameters. Journal of Glaucoma, 2018, 27, 16-21.	0.8	12
20	Differences in Ocular Biometric Measurements among Subtypes of Primary Angle Closure Disease. Ophthalmology Glaucoma, 2021, 4, 224-231.	0.9	11
21	Generalisability and performance of an OCT-based deep learning classifier for community-based and hospital-based detection of gonioscopic angle closure. British Journal of Ophthalmology, 2023, 107, 511-517.	2.1	10
22	Hemiretinal Asymmetry in Peripapillary Vessel Density in Healthy, Glaucoma Suspect, and Glaucoma Eyes. American Journal of Ophthalmology, 2021, 230, 156-165.	1.7	8
23	Impact of Visual Field Loss on Vision-Specific Quality of Life in African Americans: The African American Eye Disease Study. American Journal of Ophthalmology, 2021, 229, 52-62.	1.7	8
24	Racial and Sociodemographic Disparities in the Detection of Narrow Angles before Detection of Primary Angle-Closure Glaucoma in the United States. Ophthalmology Glaucoma, 2022, 5, 388-395.	0.9	8
25	Assessing accommodative presbyopic biometric changes of the entire anterior segment using single swept-source OCT image acquisitions. Eye, 2022, 36, 119-128.	1.1	6
26	Ocular Biometric Determinants of Dark-to-Light Change in Angle Width: The Chinese American Eye Study. American Journal of Ophthalmology, 2022, 237, 183-192.	1.7	6
27	Effect of Angle Narrowing on Sectoral Variation of Anterior Chamber Angle Width. Ophthalmology Glaucoma, 2020, 3, 130-138.	0.9	6
28	Angle closure extent, anterior segment dimensions and intraocular pressure. British Journal of Ophthalmology, 2023, 107, 927-934.	2.1	6
29	Anterior segment biometric measurements explain misclassifications by a deep learning classifier for detecting gonioscopic angle closure. British Journal of Ophthalmology, 2023, 107, 349-354.	2.1	5
30	Relationship Between Macular Vessel Density and Total Retinal Blood Flow in Primary Open-angle Glaucoma. Journal of Glaucoma, 2021, 30, 666-671.	0.8	3
31	Visual Field Loss Impacts Vision-Specific Quality of Life by Race and Ethnicity. Ophthalmology, 2022, 129, 668-678.	2.5	3
32	Optimal number and orientation of anterior segment OCT images to measure ocular biometric parameters in angle closure eyes: the Chinese American Eye Study. British Journal of Ophthalmology, 2023, 107, 795-801.	2.1	3
33	Surgical Management of Primary Angle-Closure Diseaseâ€"Why Less Is More. JAMA Ophthalmology, 2019, 137, 1113.	1.4	0
34	Response to Comment on Gange et al. Incidence of Proliferative Diabetic Retinopathy and Other Neovascular Sequelae at 5 Years Following Diagnosis of Type 2 Diabetes. Diabetes Care 2021;44:2518â€"2526. Diabetes Care, 2022, 45, e61-e62.	4.3	0