

T Y Alvin Liu

List of Publications by Year in descending order

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25
papers

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citations

1163117

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888059

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times ranked

456
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#	ARTICLE	IF	CITATIONS
1	Assessment of Deep Generative Models for High-Resolution Synthetic Retinal Image Generation of Age-Related Macular Degeneration. <i>JAMA Ophthalmology</i> , 2019, 137, 258.	2.5	104
2	Performance and Limitation of Machine Learning Algorithms for Diabetic Retinopathy Screening: Meta-analysis. <i>Journal of Medical Internet Research</i> , 2021, 23, e23863.	4.3	42
3	Retinal Thickness and Microvascular Changes in Children With Sickle Cell Disease Evaluated by Optical Coherence Tomography (OCT) and OCT Angiography. <i>American Journal of Ophthalmology</i> , 2020, 209, 88-98.	3.3	31
4	Congenital Retinal Macrovascular and the Association of Retinal Venous Malformations With Venous Malformations of the Brain. <i>JAMA Ophthalmology</i> , 2018, 136, 372.	2.5	28
5	Deep Learning and Transfer Learning for Optic Disc Laterality Detection: Implications for Machine Learning in Neuro-Ophthalmology. <i>Journal of Neuro-Ophthalmology</i> , 2020, 40, 178-184.	0.8	22
6	Detection of Optic Disc Abnormalities in Color Fundus Photographs Using Deep Learning. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, 368-374.	0.8	18
7	The Impact of COVID-19 on Diabetic Retinopathy Monitoring and Treatment. <i>Current Diabetes Reports</i> , 2021, 21, 40.	4.2	17
8	Gene Expression Profile Prediction in Uveal Melanoma Using Deep Learning. <i>Ophthalmology Retina</i> , 2020, 4, 1213-1215.	2.4	12
9	The Role of Ultra-Widefield Fundus Imaging and Fluorescein Angiography in Diagnosis and Treatment of Diabetic Retinopathy. <i>Current Diabetes Reports</i> , 2021, 21, 30.	4.2	8
10	Smartphone-Based, Artificial Intelligence-Enabled Diabetic Retinopathy Screening. <i>JAMA Ophthalmology</i> , 2019, 137, 1188.	2.5	7
11	Retinal Vascular Changes on Optical Coherence Tomography Angiography and Ultra-widefield Fluorescein Angiography in Patients With Chronic Leukemia. <i>Journal of Vitreoretinal Diseases</i> , 2019, 3, 420-427.	0.7	6
12	A novel phenotype of torpedos maculopathy on spectral-domain optical coherence tomography. <i>American Journal of Ophthalmology Case Reports</i> , 2020, 20, 100956.	0.7	6
13	Quantitative Ocular Ultrasound Findings in Microbial Keratitis-Associated Endophthalmitis. <i>Ophthalmology Retina</i> , 2020, 4, 560-567.	2.4	6
14	Evolution of Ellipsoid Zone Abnormalities on Optical Coherence Tomography Associated With Niacin Maculopathy. <i>JAMA Ophthalmology</i> , 2019, 137, 849.	2.5	5
15	Nonmydriatic Ultra-Widefield Fundus Photography in a Hematology Clinic Shows Utility for Screening of Sickle Cell Retinopathy. <i>American Journal of Ophthalmology</i> , 2022, 236, 241-248.	3.3	5
16	Nonaccidental trauma in pediatric patients: evidence-based screening criteria for ophthalmologic examination. <i>Journal of AAPOS</i> , 2020, 24, 226.e1-226.e5.	0.3	4
17	An Interactive Approach to Region of Interest Selection in Cytologic Analysis of Uveal Melanoma Based on Unsupervised Clustering. <i>Lecture Notes in Computer Science</i> , 2020, , 114-124.	1.3	3
18	Unique presentation of anti-GQ1b antibody syndrome. <i>Canadian Journal of Ophthalmology</i> , 2016, 51, e119-e120.	0.7	2

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19	Optical coherence tomography angiography of astrocytic hamartoma demonstrates intrinsic vascularity. American Journal of Ophthalmology Case Reports, 2020, 20, 100924.	0.7	2
20	Choriocapillaris flow loss in center-involving retinitis pigmentosa: a quantitative optical coherence tomography angiography study using a novel classification system. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 3235-3242.	1.9	2
21	Ocular involvement in TEMPI syndrome. American Journal of Ophthalmology Case Reports, 2022, 26, 101534.	0.7	2
22	Choroidal MacrovesSEL Diagnosed on Multimodal Imaging, including Swept-Source Optical Coherence Tomography Angiography. Case Reports in Ophthalmology, 0, , 215-219.	0.7	1
23	The Ethical and Societal Considerations for the Rise of Artificial Intelligence and Big Data in Ophthalmology. Frontiers in Medicine, 0, 9, .	2.6	1
24	Patient Use of Dietary Supplements, Home Monitoring, or Genetic Testing for Nonneovascular Age-Related Macular Degeneration. Journal of Vitreoretinal Diseases, 2021, 5, 389-395.	0.7	0
25	Acute syphilitic posterior placoid chorioretinopathy. American Journal of Ophthalmology Case Reports, 2022, 25, 101361.	0.7	0