

Edward Korot

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

870
citations

758635

12
h-index

752256

20
g-index

25
all docs

25
docs citations

25
times ranked

809
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated deep learning design for medical image classification by health-care professionals with no coding experience: a feasibility study. <i>The Lancet Digital Health</i> , 2019, 1, e232-e242.	5.9	183
2	A global review of publicly available datasets for ophthalmological imaging: barriers to access, usability, and generalisability. <i>The Lancet Digital Health</i> , 2021, 3, e51-e66.	5.9	153
3	Insights into Systemic Disease through Retinal Imaging-Based Oculomics. <i>Translational Vision Science and Technology</i> , 2020, 9, 6.	1.1	103
4	Code-free deep learning for multi-modality medical image classification. <i>Nature Machine Intelligence</i> , 2021, 3, 288-298.	8.3	90
5	Predicting sex from retinal fundus photographs using automated deep learning. <i>Scientific Reports</i> , 2021, 11, 10286.	1.6	65
6	Quantitative Analysis of OCT for Neovascular Age-Related Macular Degeneration Using Deep Learning. <i>Ophthalmology</i> , 2021, 128, 693-705.	2.5	64
7	New meaning for NLP: the trials and tribulations of natural language processing with GPT-3 in ophthalmology. <i>British Journal of Ophthalmology</i> , 2022, 106, 889-892.	2.1	46
8	Algorithm for the Measure of Vitreous Hyperreflective Foci in Optical Coherence Tomographic Scans of Patients With Diabetic Macular Edema. <i>JAMA Ophthalmology</i> , 2016, 134, 15.	1.4	26
9	A renaissance of teleophthalmology through artificial intelligence. <i>Eye</i> , 2019, 33, 861-863.	1.1	25
10	STEM CELL THERAPIES, GENE-BASED THERAPIES, OPTOGENETICS, AND RETINAL PROSTHETICS:. <i>Retina</i> , 2019, 39, 820-835.	1.0	22
11	Will AI Replace Ophthalmologists?. <i>Translational Vision Science and Technology</i> , 2020, 9, 2.	1.1	21
12	Automated deep learning in ophthalmology: AI that can build AI. <i>Current Opinion in Ophthalmology</i> , 2021, 32, 406-412.	1.3	21
13	Enablers and Barriers to Deployment of Smartphone-Based Home Vision Monitoring in Clinical Practice Settings. <i>JAMA Ophthalmology</i> , 2022, 140, 153.	1.4	17
14	Clinician-driven artificial intelligence in ophthalmology: resources enabling democratization. <i>Current Opinion in Ophthalmology</i> , 2021, 32, 445-451.	1.3	7
15	Evaluating an automated machine learning model that predicts visual acuity outcomes in patients with neovascular age-related macular degeneration. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, , 1.	1.0	7
16	Use of the Avegant Glyph Head-Mounted Virtual Retinal Projection Display to Perform Vitreoretinal Surgery. <i>Journal of Vitreoretinal Diseases</i> , 2018, 2, 22-25.	0.2	5
17	The retina revolution: signaling pathway therapies, genetic therapies, mitochondrial therapies, artificial intelligence. <i>Current Opinion in Ophthalmology</i> , 2020, 31, 207-214.	1.3	5
18	Re-evaluating diabetic papillopathy using optical coherence tomography and inner retinal sublayer analysis. <i>Eye</i> , 2022, 36, 1476-1485.	1.1	5

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19	SURGICAL MANAGEMENT OF TRACTIONAL RETINOSCHISIS ASSOCIATED WITH VITREOUS HEMORRHAGE IN RETINOPATHY OF PREMATURITY. Retinal Cases and Brief Reports, 2019, 13, 72-74.	0.3	2
20	Multimodal imaging reveals retinoschisis masquerading as retinal detachment in patients with choroideremia. American Journal of Ophthalmology Case Reports, 2022, 26, 101543.	0.4	2
21	Automated Deep Learning for Medical Imaging. , 2021, , 1-13.		0
22	Purpose-built, head-mounted 3D display for ophthalmic microsurgery: surgical skill performance and evaluation: a pilot study. BMJ Innovations, 2021, 7, 463-469.	1.0	0
23	Automated Deep Learning for Medical Imaging. , 2022, , 473-485.		0