Hanruo Liu

List of Publications by Year
in descending order

		840776	940533
23 papers	1,091 citations	11 h-index	16 g-index
24 all docs	24 docs citations	24 times ranked	1017 citing authors

#	Article	IF	Citations
1	Digital technology, tele-medicine and artificial intelligence in ophthalmology: A global perspective. Progress in Retinal and Eye Research, 2021, 82, 100900.	15.5	261
2	Development and Validation of a Deep Learning System to Detect Glaucomatous Optic Neuropathy Using Fundus Photographs. JAMA Ophthalmology, 2019, 137, 1353.	2.5	188
3	Applications of deep learning in fundus images: A review. Medical Image Analysis, 2021, 69, 101971.	11.6	175
4	Attention Based Glaucoma Detection: A Large-Scale Database and CNN Model. , 2019, , .		132
5	Retinal photograph-based deep learning algorithms for myopia and a blockchain platform to facilitate artificial intelligence medical research: a retrospective multicohort study. The Lancet Digital Health, 2021, 3, e317-e329.	12.3	78
6	Learning Calibrated Medical Image Segmentation via Multi-rater Agreement Modeling. , 2021, , .		62
7	Ocular Surface Epithelial Thickness Evaluation in Dry Eye Patients: Clinical Correlations. Journal of Ophthalmology, 2016, 2016, 1-8.	1.3	33
8	Measurement and Associations of the Optic Nerve Subarachnoid Space in Normal Tension and Primary Open-Angle Glaucoma. American Journal of Ophthalmology, 2018, 186, 128-137.	3.3	32
9	Sulforaphane promotes ER stress, autophagy, and cell death: implications for cataract surgery. Journal of Molecular Medicine, 2017, 95, 553-564.	3.9	27
10	Impairment of the autophagy-lysosomal pathway and activation of pyroptosis in macular corneal dystrophy. Cell Death Discovery, 2020, 6, 85.	4.7	23
11	A hierarchical deep learning approach with transparency and interpretability based on small samples for glaucoma diagnosis. Npj Digital Medicine, 2021, 4, 48.	10.9	19
12	Laminin Î±4 overexpression in the anterior lens capsule may contribute to the senescence of human lens epithelial cells in age-related cataract. Aging, 2019, 11, 2699-2723.	3.1	18
13	Genetic mutations and molecular mechanisms of Fuchs endothelial corneal dystrophy. Eye and Vision (London, England), 2021, 8, 24.	3.0	16
14	Torin 1 alleviates impairment of TFEB-mediated lysosomal biogenesis and autophagy in <i>TGFBI</i> (p.G623_H626del)-linked Thiel-Behnke corneal dystrophy. Autophagy, 2022, 18, 765-782.	9.1	13
15	Association of serum retinol concentration with normal-tension glaucoma. Eye, 2022, 36, 1820-1825.	2.1	7
16	Applications of Artificial Intelligence in the Screening of Glaucoma in China. Journal of Medical Systems, 2020, 44, 124.	3.6	4
17	The novel mutation P36R in LRP5L contributes to congenital membranous cataract via inhibition of laminin Î³1 and c-MAF. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 2737-2751.	1.9	2
18	Re: LindÃ©n etÂal.: Normal-tension glaucoma has normal intracranial pressure: a prospective study of intracranial pressure and intraocular pressure in different body positions (Ophthalmology.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 150 57 Td (		

#	Article	IF	Citations
19	Re: Christopher etÂal.: Deep learning approaches predict glaucomatous visual field damage from OCT optic nerve head en face images and retinal nerve fiber layer thickness maps (Ophthalmology.) Tj ETQq1 1 0.784314 rgBT /Overlock 10		
20	Applications of electronic devices basedâ€on smartphones in ophthalmic diagnosis and treatment activities. Clinical and Experimental Ophthalmology, 2022, , .	2.6	0
21	Cost-Utility Analysis of Screening for Diabetic Retinopathy in China. Health Data Science, 2022, 2022, .	2.3	0
22	Risk Assessment of High Myopia in Primary School Students using Bayesian Network Inference. , 2021, , .		0
23	AMD Classification Based on Adversarial Domain Adaptation with Center Loss. , 2022, , .		0