Screening and identifying hepatobiliary diseases through deep learning using ocular images: a prospective, multicentre study

DOI: 10.1016/s2589-7500(20)30288-0
The Lancet Digital Health, 2021, 3, e88-e97.

#	Paper	IF	Citations
25	Multi-Disease Prediction Based on Deep Learning: A Survey. *CMES - Computer Modeling in Engineering and Sciences*, **2021**, 128, 489-522	1.7	71
24	Deep learning-based detection of hepatobiliary disorders in ophthalmic imaging. *The Lancet Digital Health*, **2021**, 3, e68-e69	14.4	
23	Impact and Challenges of Integrating Artificial Intelligence and Telemedicine into Clinical Ophthalmology. *Asia-Pacific Journal of Ophthalmology*, **2021**, 10, 317-327	3.5	0
22	A systematic review on application of deep learning in digestive system image processing. *Visual Computer*, **2021**, 1-16	2.3	0
21	Retinal Photograph-Based Deep Learning System for Detection of Hyperthyroidism: A Multicenter, Diagnostic Study. *SSRN Electronic Journal*,	1	
20	Identifying diabetes from conjunctival images using a novel hierarchical multi-task network.. *Scientific Reports*, **2022**, 12, 264	4.9	1
19	Development and validation of a radiopathomics model to predict pathological complete response to neoadjuvant chemoradiotherapy in locally advanced rectal cancer: a multicentre observational study.. *The Lancet Digital Health*, **2022**, 4, e8-e17	14.4	3
18	Detection of signs of disease in external photographs of the eyes via deep learning.. *Nature Biomedical Engineering*, **2022**,	19	2
17	AlzEye: longitudinal record-level linkage of ophthalmic imaging and hospital admissions of 353 157 patients in London, UK.. *BMJ Open*, **2022**, 12, e058552	3	1
16	Novel technical and privacy-preserving technology for artificial intelligence in ophthalmology.. *Current Opinion in Ophthalmology*, **2022**,	5.1	1
15	A new magnetic resonance imaging tumour response grading scheme for locally advanced rectal cancer.. *British Journal of Cancer*, **2022**,	8.7	0
14	A deep learning approach for detection of shallow anterior chamber depth based on the hidden features of fundus photographs.. *Computer Methods and Programs in Biomedicine*, **2022**, 219, 106735	6.9	0
13	Beyond the Liver: Liver-Eye Communication in Clinical and Experimental Aspects.. *Frontiers in Molecular Biosciences*, **2021**, 8, 823277	5.6	2
12	Detection of Systemic Diseases From Ocular Images Using Artificial Intelligence: A Systematic Review.. *Asia-Pacific Journal of Ophthalmology*, **2022**, 11, 126-139	3.5	1
11	Artificial Intelligence in Predicting Systemic Parameters and Diseases From Ophthalmic Imaging. *Frontiers in Digital Health*, 4,	2.3	0
10	Oculomics for sarcopenia prediction: a machine learning approach toward predictive, preventive, and personalized medicine.		0
9	Predicting demographic characteristics from anterior segment OCT images with deep learning: A study protocol. **2022**, 17, e0270493		

8	A deep learning model for detection of Alzheimerꞇs disease based on retinal photographs: a retrospective, multicentre case-control study. **2022**,	3
7	Recent trends and advances in fundus image analysis: A review. **2022**, 106277	2
6	Optical coherence tomography angiography for the characterisation of retinal microvasculature alterations in pregnant patients with anaemia: a nested case-control study. bjophthalmol-2022-321781	0
5	Early detection of visual impairment in young children using a smartphone-based deep learning system.	0
4	A deep learning model for novel systemic biomarkers in photographs of the external eye: a retrospective study. **2023**,	0
3	Risk Factors Associated With a Large Vertical Cup-to-Disc Ratio: Korean National Health and Nutritional Examination Survey. **2023**, 32, 221-226	0
2	Deep Learning Algorithms for Screening and Diagnosis of Systemic Diseases Based on Ophthalmic Manifestations: A Systematic Review. **2023**, 13, 900	0
1	Retinal image-based artificial intelligence in detecting and predicting kidney diseases: Current advances and future perspectives. 20220070	0