

Xiaoxuan Liu

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48 papers	1,373 citations	15 h-index	36 g-index
51 ext. papers	2,471 ext. citations	12.3 avg, IF	4.8 L-index

#	Paper	IF	Citations
48	Teleophthalmology-enabled and artificial intelligence-ready referral pathway for community optometry referrals of retinal disease (HERMES): a Cluster Randomised Superiority Trial with a linked Diagnostic Accuracy Study-HERMES study report 1-study protocol.. <i>BMJ Open</i> , 2022 , 12, e055845	3	0
47	OCT Assisted Quantification of Vitreous Inflammation in Uveitis.. <i>Translational Vision Science and Technology</i> , 2022 , 11, 3	3.3	1
46	AlzEye: longitudinal record-level linkage of ophthalmic imaging and hospital admissions of 353 157 patients in London, UK.. <i>BMJ Open</i> , 2022 , 12, e058552	3	1
45	The medical algorithmic audit.. <i>The Lancet Digital Health</i> , 2022 ,	14.4	5
44	Building an evidence standards framework for artificial intelligence-enabled digital health technologies.. <i>The Lancet Digital Health</i> , 2022 , 4, e216-e217	14.4	1
43	Measuring Inflammation in the Vitreous and Retina: A Narrative Review.. <i>Ocular Immunology and Inflammation</i> , 2022 , 1-10	2.8	1
42	Ethics methods are required as part of reporting guidelines for artificial intelligence in healthcare. <i>Nature Machine Intelligence</i> , 2022 , 4, 316-317	22.5	1
41	Patient reported outcome assessment must be inclusive and equitable.. <i>Nature Medicine</i> , 2022 ,	50.5	5
40	Reporting guideline for the early-stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI.. <i>Nature Medicine</i> , 2022 , 28, 924-933	50.5	4
39	Reporting guideline for the early stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI.. <i>BMJ, The</i> , 2022 , 377, e070904	5.9	3
38	Characteristics of publicly available skin cancer image datasets: a systematic review. <i>The Lancet Digital Health</i> , 2021 ,	14.4	10
37	A quality assessment tool for artificial intelligence-centered diagnostic test accuracy studies: QUADAS-AI. <i>Nature Medicine</i> , 2021 , 27, 1663-1665	50.5	5
36	Code-free deep learning for multi-modality medical image classification. <i>Nature Machine Intelligence</i> , 2021 , 3, 288-298	22.5	21
35	Health data poverty: an assailable barrier to equitable digital health care. <i>The Lancet Digital Health</i> , 2021 , 3, e260-e265	14.4	26
34	Reporting guidelines for artificial intelligence in healthcare research. <i>Clinical and Experimental Ophthalmology</i> , 2021 , 49, 470-476	2.4	4
33	Structural Endpoints and Outcome Measures in Uveitis. <i>Ophthalmologica</i> , 2021 , 244, 465-479	3.7	2
32	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. <i>BMJ Open</i> , 2021 , 11, e047709	3	12

31	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	14.4	41
30	Imaging-Based Uveitis Surveillance in Juvenile Idiopathic Arthritis: Feasibility, Acceptability, and Diagnostic Performance. <i>Arthritis and Rheumatology</i> , 2021 , 73, 330-335	9.5	4
29	Automated quantification of posterior vitreous inflammation: optical coherence tomography scan number requirements. <i>Scientific Reports</i> , 2021 , 11, 3271	4.9	3
28	Raising the Bar for Randomized Trials Involving Artificial Intelligence: The SPIRIT-Artificial Intelligence and CONSORT-Artificial Intelligence Guidelines. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 2109-2111	4.3	2
27	Reporting guidelines for clinical trials of artificial intelligence interventions: the SPIRIT-AI and CONSORT-AI guidelines. <i>Trials</i> , 2021 , 22, 11	2.8	16
26	Developing specific reporting guidelines for diagnostic accuracy studies assessing AI interventions: The STARD-AI Steering Group. <i>Nature Medicine</i> , 2020 , 26, 807-808	50.5	84
25	Insights into Systemic Disease through Retinal Imaging-Based Oculomics. <i>Translational Vision Science and Technology</i> , 2020 , 9, 6	3.3	34
24	Non-invasive Instrument-Based Tests for Quantifying Anterior Chamber Flare in Uveitis: A Systematic Review. <i>Ocular Immunology and Inflammation</i> , 2020 , 1-9	2.8	1
23	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. <i>The Lancet Digital Health</i> , 2020 , 2, e549-e560	14.4	36
22	Noninvasive Instrument-based Tests for Detecting and Measuring Vitreous Inflammation in Uveitis: A Systematic Review. <i>Ocular Immunology and Inflammation</i> , 2020 , 1-12	2.8	3
21	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. <i>The Lancet Digital Health</i> , 2020 , 2, e537-e548	14.4	34
20	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. <i>Nature Medicine</i> , 2020 , 26, 1364-1374	50.5	136
19	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI Extension. <i>BMJ, The</i> , 2020 , 370, m3164	5.9	73
18	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. <i>Nature Medicine</i> , 2020 , 26, 1351-1363	50.5	106
17	Merging Information From Infrared and Autofluorescence Fundus Images for Monitoring of Chorioretinal Atrophic Lesions. <i>Translational Vision Science and Technology</i> , 2020 , 9, 38	3.3	6
16	Going on up to the SPIRIT in AI: will new reporting guidelines for clinical trials of AI interventions improve their rigour?. <i>BMC Medicine</i> , 2020 , 18, 272	11.4	1
15	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI Extension. <i>BMJ, The</i> , 2020 , 370, m3210	5.9	53
14	The Uveitis Patient Passport: A Self-Care Tool. <i>Ocular Immunology and Inflammation</i> , 2020 , 28, 433-438	2.8	

13	Instrument-based Tests for Measuring Anterior Chamber Cells in Uveitis: A Systematic Review. <i>Ocular Immunology and Inflammation</i> , 2020 , 28, 898-907	2.8	6
12	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	14.4	91
11	Extension of the CONSORT and SPIRIT statements. <i>Lancet, The</i> , 2019 , 394, 1225	40	31
10	A comparison of deep learning performance against health-care professionals in detecting diseases from medical imaging: a systematic review and meta-analysis. <i>The Lancet Digital Health</i> , 2019 , 1, e271-e297	14.4	450
9	Instrument-based tests for measuring anterior chamber cells in uveitis: a systematic review protocol. <i>Systematic Reviews</i> , 2019 , 8, 30	3	3
8	ReLayer: a Free, Online Tool for Extracting Retinal Thickness From Cross-Platform OCT Images. <i>Translational Vision Science and Technology</i> , 2019 , 8, 25	3.3	9
7	Patient priorities in herpes simplex keratitis. <i>BMJ Open Ophthalmology</i> , 2019 , 4, e000177	3.2	2
6	Evaluating the Impact of Uveitis on Visual Field Progression Using Large-Scale Real-World Data. <i>American Journal of Ophthalmology</i> , 2019 , 207, 144-150	4.9	8
5	Instrument-based tests for quantifying aqueous humour protein levels in uveitis: a systematic review protocol. <i>Systematic Reviews</i> , 2019 , 8, 287	3	2
4	Optical coherence tomography (OCT) in unconscious and systemically unwell patients using a mobile OCT device: a pilot study. <i>BMJ Open</i> , 2019 , 9, e030882	3	11
3	Acetazolamide can cause acute hypercrystalluria. <i>BMJ, The</i> , 2018 , 362, k3400	5.9	3
2	Patent foramen ovale presenting as visual loss. <i>JRSM Open</i> , 2016 , 8, 2054270416669302	0.5	2
1	Cytokines as effectors and predictors of responses in the treatment of bladder cancer by bacillus Calmette-Guérin. <i>Future Oncology</i> , 2014 , 10, 1443-56	3.6	15