

# You-Xin Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

2,307  
citations

430442

18  
h-index

264894

42  
g-index

121  
all docs

121  
docs citations

121  
times ranked

2282  
citing authors

#	ARTICLE	IF	CITATIONS
1	The efficacy and safety of ocriplasmin for patients with vitreous macular traction. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	0
2	Clinical characteristics of retinal arterial macroaneurysms and prognosis of different interventions. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 439-450.	1.0	8
3	Automated detection of severe diabetic retinopathy using deep learning method. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 849-856.	1.0	16
4	Wide-field swept source optical coherence tomography evaluation of posterior segment changes in highly myopic eyes. <i>European Journal of Ophthalmology</i> , 2022, 32, 2777-2788.	0.7	5
5	A case of paracentral acute middle maculopathy after small incision lenticule extraction surgery. <i>International Journal of Ophthalmology</i> , 2022, 15, 169-171.	0.5	1
6	Application of a 3D-printed eye model for teaching direct ophthalmoscopy to undergraduates. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 2361-2368.	1.0	3
7	Clinical and imaging features of sympathetic ophthalmia and efficacy of the current therapy. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	2
8	Clinical Features, Diagnosis, Management and Prognosis of Primary Intraocular Lymphoma. <i>Frontiers in Oncology</i> , 2022, 12, 808511.	1.3	6
9	Proteomic changes of aqueous humor in proliferative diabetic retinopathy patients treated with different intravitreal anti-VEGF agents. <i>Experimental Eye Research</i> , 2022, 216, 108942.	1.2	5
10	Clinical Features and Surgical Treatment of Subretinal Proliferation in Proliferative Diabetic Retinopathy. <i>Frontiers in Medicine</i> , 2022, 9, 833519.	1.2	1
11	Application of 5G Technology to Conduct Real-Time Teleretinal Laser Photocoagulation for the Treatment of Diabetic Retinopathy—Reply. <i>JAMA Ophthalmology</i> , 2022, 140, 205.	1.4	0
12	Retinopathy in an Older Adult Man With Waldenström Macroglobulinemia. <i>JAMA Ophthalmology</i> , 2022, 140, e215406.	1.4	1
13	Development and quantitative assessment of deep learning-based image enhancement for optical coherence tomography. <i>BMC Ophthalmology</i> , 2022, 22, 139.	0.6	3
14	Macular Bruch's membrane defects and other myopic lesions in high myopia. <i>International Journal of Ophthalmology</i> , 2022, 15, 466-473.	0.5	7
15	CO2 laser-assisted sclerectomy surgery and trabeculectomy combination therapy in Peters' anomaly-related glaucoma: a case report. <i>International Journal of Ophthalmology</i> , 2022, 15, 666-668.	0.5	0
16	Using artificial intelligence reading label system in diabetic retinopathy grading training of junior ophthalmology residents and medical students. <i>BMC Medical Education</i> , 2022, 22, 258.	1.0	10
17	Three-Dimensional Analysis of Choroidal Vessels in the Eyes of Patients With Unilateral BRVO. <i>Frontiers in Medicine</i> , 2022, 9, 854184.	1.2	9
18	Multi-spectral imaging in adult-onset foveomacular vitelliform dystrophy: Report of two cases. <i>American Journal of Ophthalmology Case Reports</i> , 2022, 26, 101542.	0.4	1

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19	A Review of Intraocular Biomolecules in Retinal Vein Occlusion: Toward Potential Biomarkers for Companion Diagnostics. <i>Frontiers in Pharmacology</i> , 2022, 13, 859951.	1.6	6
20	Unusual Hyper-autofluorescence in Eosinophilic Vasculitis. <i>Retina</i> , 2022, Publish Ahead of Print, .	1.0	0
21	Deep-Learning-Based Hemoglobin Concentration Prediction and Anemia Screening Using Ultra-Wide Field Fundus Images. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	11
22	An Artificial-Intelligence-Based Automated Grading and Lesions Segmentation System for Myopic Maculopathy Based on Color Fundus Photographs. <i>Translational Vision Science and Technology</i> , 2022, 11, 16.	1.1	12
23	Lesion Localization in OCT by Semi-Supervised Object Detection. , 2022, , .		2
24	Automated diagnoses of age-related macular degeneration and polypoidal choroidal vasculopathy using bi-modal deep convolutional neural networks. <i>British Journal of Ophthalmology</i> , 2021, 105, 561-566.	2.1	29
25	Digital technology, tele-medicine and artificial intelligence in ophthalmology: A global perspective. <i>Progress in Retinal and Eye Research</i> , 2021, 82, 100900.	7.3	261
26	Choroidal thickening in retinal vein occlusion patients with serous retinal detachment. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 883-889.	1.0	9
27	The polyp regression rate and treatment prognosis of different interventions for polypoidal choroidal vasculopathy: a systematic review and meta-analysis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 855-872.	1.0	3
28	Early Detection of Microvascular Impairments With Optical Coherence Tomography Angiography in Diabetic Patients Without Clinical Retinopathy: A Meta-analysis. <i>American Journal of Ophthalmology</i> , 2021, 222, 226-237.	1.7	47
29	Efficacy and safety of different agents, dosages and strategies of anti-vascular endothelial growth factor treatment for neovascular age-related macular degeneration: a network meta-analysis of randomized controlled trials. <i>Acta Ophthalmologica</i> , 2021, 99, e1041-e1050.	0.6	4
30	The characteristics of optic disc pit maculopathy and the efficacy of vitrectomy: a systematic review and meta-analysis. <i>Acta Ophthalmologica</i> , 2021, 99, e1176-e1189.	0.6	5
31	The influence of delayed treatment due to COVID-19 on patients with neovascular age-related macular degeneration and polypoidal choroidal vasculopathy. <i>Therapeutic Advances in Chronic Disease</i> , 2021, 12, 204062232110263.	1.1	12
32	Learn to Segment Retinal Lesions and Beyond. , 2021, , .		14
33	Comparative efficacy and safety of different regimens of ranibizumab for neovascular age-related macular degeneration: a network meta-analysis of randomised controlled trials. <i>BMJ Open</i> , 2021, 11, e040906.	0.8	3
34	Relationships Between Retinal Vascular Characteristics and Renal Function in Patients With Type 2 Diabetes Mellitus. <i>Translational Vision Science and Technology</i> , 2021, 10, 20.	1.1	11
35	FOVEA-SPARING VERSUS COMPLETE INTERNAL LIMITING MEMBRANE PEELING IN VITRECTOMY FOR VITREOMACULAR INTERFACE DISEASES. <i>Retina</i> , 2021, 41, 1143-1152.	1.0	8
36	Development of a deep-learning system for detection of lattice degeneration, retinal breaks, and retinal detachment in tessellated eyes using ultra-wide-field fundus images: a pilot study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 2225-2234.	1.0	15

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37	Development and evaluation of a deep learning model for the detection of multiple fundus diseases based on colour fundus photography. <i>British Journal of Ophthalmology</i> , 2021, , bjophthalmol-2020-316290.	2.1	14
38	Deep learning-based detection and stage grading for optimising diagnosis of diabetic retinopathy. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3445.	1.7	16
39	Retinal photograph-based deep learning algorithms for myopia and a blockchain platform to facilitate artificial intelligence medical research: a retrospective multicohort study. <i>The Lancet Digital Health</i> , 2021, 3, e317-e329.	5.9	78
40	RETINAL DETACHMENT AFTER ACUTE RETINAL NECROSIS AND THE EFFICACIES OF DIFFERENT INTERVENTIONS. <i>Retina</i> , 2021, 41, 965-978.	1.0	17
41	Ultra-wide field swept-source optical coherence tomography angiography in patients with diabetes without clinically detectable retinopathy. <i>BMC Ophthalmology</i> , 2021, 21, 192.	0.6	18
42	Lipid accumulation and protein modifications of Bruch's membrane in age-related macular degeneration. <i>International Journal of Ophthalmology</i> , 2021, 14, 766-773.	0.5	5
43	Optical coherence tomography-based short-term effect prediction of anti-vascular endothelial growth factor treatment in neovascular age-related macular degeneration using sensitive structure guided network. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 3261-3269.	1.0	6
44	THE INCIDENCE, CHARACTERISTICS, MANAGEMENT, PROGNOSIS, AND CLASSIFICATION OF BREAKTHROUGH VITREOUS HEMORRHAGE SECONDARY TO POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2021, 41, 1675-1685.	1.0	9
45	Activation of quiescent polypoidal choroidal vasculopathy after membrane peeling vitrectomy for epiretinal membrane: a case report. <i>BMC Ophthalmology</i> , 2021, 21, 321.	0.6	2
46	Application of 5G Technology to Conduct Real-Time Teleretinal Laser Photocoagulation for the Treatment of Diabetic Retinopathy. <i>JAMA Ophthalmology</i> , 2021, 139, 975.	1.4	23
47	SENSITIVITY AND SPECIFICITY OF MULTISPECTRAL IMAGING FOR POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2021, 41, 1921-1929.	1.0	8
48	Multicenter, Prospective, Randomized Study of Dexamethasone Intravitreal Implant in Patients with Center-Involved Diabetic Macular Edema in the Asia-Pacific Region. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 4097-4108.	0.9	3
49	Multi-Modal Multi-Instance Learning for Retinal Disease Recognition. , 2021, , .		10
50	Angiotensin II is a crucial factor in retinal aneurysm formation. <i>Experimental Eye Research</i> , 2021, 213, 108810.	1.2	3
51	PUMCH experience and strategy for the management of idiopathic macular hole: a retrospective cohort study. <i>International Ophthalmology</i> , 2021, , 1.	0.6	2
52	High myopia and macular vascular density: an optical coherence tomography angiography study. <i>BMC Ophthalmology</i> , 2021, 21, 407.	0.6	18
53	Treat-and-Extend Regimens for the Management of Neovascular Age-related Macular Degeneration and Polypoidal Choroidal Vasculopathy: Consensus and Recommendations From the Asia-Pacific Vitreo-retina Society. <i>Asia-Pacific Journal of Ophthalmology</i> , 2021, 10, 507-518.	1.3	19
54	Artificial intelligence can assist with diagnosing retinal vein occlusion. <i>International Journal of Ophthalmology</i> , 2021, 14, 1895-1902.	0.5	16

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55	THE OCCURRENCE, CHARACTERISTICS, MANAGEMENT, AND PROGNOSIS OF RETINAL PIGMENT EPITHELIUM TEARS IN PATIENTS WITH POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2020, 40, 477-489.	1.0	6
56	Utility of a public-available artificial intelligence in diagnosis of polypoidal choroidal vasculopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 17-21.	1.0	14
57	Comparison of cytokine levels in the aqueous humor of polypoidal choroidal vasculopathy and neovascular age-related macular degeneration patients. <i>BMC Ophthalmology</i> , 2020, 20, 15.	0.6	26
58	Three-dimensional choroidal vascularity index in acute central serous chorioretinopathy using swept-source optical coherence tomography. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 241-247.	1.0	45
59	Visualization of deep choroidal vasculatures and measurement of choroidal vascular density: a swept-source optical coherence tomography angiography approach. <i>BMC Ophthalmology</i> , 2020, 20, 321.	0.6	9
60	Testing a Novel Disposable Aqueous Humor Collector: An Approach to Improve Safety, Accuracy, and Efficiency. <i>Biopreservation and Biobanking</i> , 2020, 18, 449-453.	0.5	2
61	Transient reduction in macular deep capillary density on optical coherence tomography angiography after phacoemulsification surgery in diabetic patients. <i>BMC Ophthalmology</i> , 2020, 20, 335.	0.6	5
62	Perioperative anti-vascular endothelial growth factor agents treatment in patients undergoing vitrectomy for complicated proliferative diabetic retinopathy: a network meta-analysis. <i>Scientific Reports</i> , 2020, 10, 18880.	1.6	20
63	Optical Coherence Tomography Parameters Related to Vision Impairment in Patients with Diabetic Macular Edema: A Quantitative Correlation Analysis. <i>Journal of Ophthalmology</i> , 2020, 2020, 1-6.	0.6	10
64	Perspective from Singapore and China on the COVID-19 Pandemic: The New World Order for Ophthalmic Practice. <i>Ophthalmology</i> , 2020, 127, e49-e50.	2.5	7
65	<p>Intravitreal Aflibercept versus Laser Photocoagulation in Asian Patients with Diabetic Macular Edema: The VIVID-East Study</p>. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 741-750.	0.9	10
66	Effect of silicone oil on peripapillary capillary density in patients with rhegmatogenous retinal detachment. <i>BMC Ophthalmology</i> , 2020, 20, 268.	0.6	9
67	Efficacy of mineralocorticoid receptor antagonist for central serous chorioretinopathy: a meta-analysis. <i>International Ophthalmology</i> , 2020, 40, 2957-2967.	0.6	6
68	Novel Coronavirus disease 2019 (COVID-19): The importance of recognising possible early ocular manifestation and using protective eyewear. <i>British Journal of Ophthalmology</i> , 2020, 104, 297-298.	2.1	235
69	Costâ€ effectiveness analysis of intravitreal aflibercept in the treatment of diabetic macular edema in China. <i>Journal of Comparative Effectiveness Research</i> , 2020, 9, 161-175.	0.6	2
70	Prediction of OCT images of short-term response to anti-VEGF treatment for neovascular age-related macular degeneration using generative adversarial network. <i>British Journal of Ophthalmology</i> , 2020, 104, 1735-1740.	2.1	28
71	The association of polypoidal choroidal vasculopathy clinical phenotypes with previously reported genetic markers. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1199-1203.	1.0	1
72	Evaluation of microvascular network with optical coherence tomography angiography (OCTA) in branch retinal vein occlusion (BRVO). <i>BMC Ophthalmology</i> , 2020, 20, 154.	0.6	17

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73	Comparison of choriocapillary flow density between fellow eyes of polypoidal choroidal vasculopathy and neovascular age-related macular degeneration. <i>BMC Ophthalmology</i> , 2020, 20, 162.	0.6	8
74	Comparison of OCT and OCTA manifestations among untreated PCV, neovascular AMD, and CSC in Chinese population. <i>International Journal of Ophthalmology</i> , 2020, 13, 93-103.	0.5	7
75	Analysis of choroidal morphology and comparison of imaging findings of subtypes of polypoidal choroidal vasculopathy: a new classification system. <i>International Journal of Ophthalmology</i> , 2020, 13, 731-736.	0.5	10
76	Scattered Multilayered Retinal Hemorrhage Secondary to Anterior Chamber Paracentesis, Mimicking a Hematological Disorder. <i>JAMA Ophthalmology</i> , 2020, 138, e202389.	1.4	0
77	Optical coherence tomography angiography analysis of the choriocapillary layer in treatment-naïve diabetic eyes. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 1393-1399.	1.0	28
78	Granular cell tumor presenting as an intraocular mass: a case report. <i>BMC Ophthalmology</i> , 2019, 19, 97.	0.6	3
79	RANIBIZUMAB VERSUS VERTEPORFIN PHOTODYNAMIC THERAPY IN ASIAN PATIENTS WITH MYOPIC CHOROIDAL NEOVASCULARIZATION. <i>Retina</i> , 2019, 39, 1985-1994.	1.0	26
80	Comparison of face-down posturing with nonsupine posturing after macular hole surgery: a meta-analysis. <i>BMC Ophthalmology</i> , 2019, 19, 34.	0.6	21
81	Six-Year Real-World Outcomes of Antivascular Endothelial Growth Factor Monotherapy and Combination Therapy for Various Subtypes of Polypoidal Choroidal Vasculopathy. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-7.	0.6	7
82	Noninvasive multimodal imaging in diagnosing polypoidal choroidal vasculopathy. <i>BMC Ophthalmology</i> , 2019, 19, 229.	0.6	8
83	Purtscher-like retinopathy presented a honeycomb-like pattern in optical coherence tomography angiography. <i>BMC Ophthalmology</i> , 2019, 19, 232.	0.6	10
84	Five-year real-world outcomes of anti-vascular endothelial growth factor monotherapy versus combination therapy for polypoidal choroidal vasculopathy in a Chinese population: a retrospective study. <i>BMC Ophthalmology</i> , 2019, 19, 237.	0.6	8
85	Comparison of the Repeatability of Macular Vascular Density Measurements Using Four Optical Coherence Tomography Angiography Systems. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-7.	0.6	14
86	Vitreoretinal Traction with Vitreoschisis Using OCT. <i>Ophthalmology Retina</i> , 2019, 3, 961.	1.2	0
87	Detection Rate and Diagnostic Value of Optical Coherence Tomography Angiography in the Diagnosis of Polypoidal Choroidal Vasculopathy: A Systematic Review and Meta-Analysis. <i>Journal of Ophthalmology</i> , 2019, 2019, 1-12.	0.6	19
88	Treatment of primary full-thickness macular hole by intravitreal injection of expansile gas. <i>Eye</i> , 2019, 33, 136-143.	1.1	8
89	Characteristic appearances of fundus autofluorescence in treatment-naïve and active polypoidal choroidal vasculopathy: a retrospective study of 170 patients. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 1101-1110.	1.0	11
90	Polypoidal Choroidal Vasculopathy. <i>Ophthalmology</i> , 2018, 125, 708-724.	2.5	282

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91	Antivascular endothelial growth factor agents pretreatment before vitrectomy for complicated proliferative diabetic retinopathy: a meta-analysis of randomised controlled trials. <i>British Journal of Ophthalmology</i> , 2018, 102, 1077-1085.	2.1	49
92	Intraocular Detection of Herpes viruses by xTAG Liquid Chip Technology in Patients with Acute Retinal Necrosis. <i>Ocular Immunology and Inflammation</i> , 2018, 26, 1271-1277.	1.0	3
93	Application of stem cell-derived retinal pigmented epithelium in retinal degenerative diseases: present and future. <i>International Journal of Ophthalmology</i> , 2018, 11, 150-159.	0.5	15
94	Association of Genes in the High-Density Lipoprotein Metabolic Pathway with Polypoidal Choroidal Vasculopathy in Asian Population: A Systematic Review and Meta-Analysis. <i>Journal of Ophthalmology</i> , 2018, 2018, 1-14.	0.6	9
95	Choroid changes in vortex vein-occluded monkeys. <i>International Journal of Ophthalmology</i> , 2018, 11, 1588-1593.	0.5	8
96	Bilateral Choroidal Occlusion in Antiphospholipid Syndrome Associated with Systemic Lupus Erythematosus. <i>Chinese Medical Sciences Journal</i> , 2017, 32, 269.	0.2	0
97	Comparison of the efficacy and patientsâ€™ tolerability of Nepafenac and Ketorolac in the treatment of ocular inflammation following cataract surgery: A meta-analysis of randomized controlled trials. <i>PLoS ONE</i> , 2017, 12, e0173254.	1.1	18
98	Awareness of Age-related Macular Degeneration and Its Risk Factors among Beijing Residents in China. <i>Chinese Medical Journal</i> , 2017, 130, 155-159.	0.9	3
99	A 50% vs 30% Dose of Verteporfin (Photodynamic Therapy) for Acute Central Serous Chorioretinopathy. <i>JAMA Ophthalmology</i> , 2015, 133, 333.	1.4	59
100	Systemic Lupus Erythematosus and Antiphospholipid Syndrome Related Retinal Vasculitis Mimicking Ocular Cysticercosis: a Case Report. <i>Chinese Medical Sciences Journal</i> , 2015, 30, 59-62.	0.2	3
101	Myopic choroidal neovascularisation: current concepts and update on clinical management. <i>British Journal of Ophthalmology</i> , 2015, 99, 289-296.	2.1	135
102	Novel CYP4V2 mutations associated with Bietti crystalline corneoretinal dystrophy in Chinese patients. <i>International Journal of Ophthalmology</i> , 2015, 8, 465-9.	0.5	7
103	Screening for BEST1 gene mutations in Chinese patients with bestrophinopathy. <i>Molecular Vision</i> , 2014, 20, 1594-604.	1.1	22
104	POLYPOIDAL CHOROIDAL VASCULOPATHY. <i>Retina</i> , 2013, 33, 686-716.	1.0	239
105	Profile of ranibizumab: efficacy and safety for the treatment of wet age-related macular degeneration. <i>Therapeutics and Clinical Risk Management</i> , 2012, 8, 343.	0.9	15