

# Xialin Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,717  
citations

361296

20  
h-index

330025

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2737  
citing authors

#	ARTICLE	IF	CITATIONS
1	miR-204-containing exosomes ameliorate GVHD-associated dry eye disease. <i>Science Advances</i> , 2022, 8, eabj9617.	4.7	52
2	Tmem138 is localized to the connecting cilium essential for rhodopsin localization and outer segment biogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2109934119.	3.3	8
3	Identification of TPBG-Expressing Amacrine Cells in DAT-tdTomato Mouse. , 2022, 63, 13.		2
4	Single-cell transcriptomics of adult macaque hippocampus reveals neural precursor cell populations. <i>Nature Neuroscience</i> , 2022, 25, 805-817.	7.1	47
5	Effectiveness of an Ophthalmic Hospital-Based Virtual Service during the COVID-19 Pandemic. <i>Ophthalmology</i> , 2021, 128, 942-945.	2.5	25
6	Extensive Sub-RPE Complement Deposition in a Nonhuman Primate Model of Early-Stage Diabetic Retinopathy. , 2021, 62, 30.		6
7	A specific RIP3 subpopulation of microglia promotes retinopathy through a hypoxia-triggered necroptotic mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	33
8	IL-17 signaling induces iNOS+ microglia activation in retinal vascular diseases. <i>Glia</i> , 2021, 69, 2644-2657.	2.5	15
9	Single-Cell Transcriptome Profiling Reveals the Suppressive Role of Retinal Neurons in Microglia Activation Under Diabetes Mellitus. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 680947.	1.8	7
10	Single-cell RNA cap and tail sequencing (scRCAT-seq) reveals subtype-specific isoforms differing in transcript demarcation. <i>Nature Communications</i> , 2020, 11, 5148.	5.8	14
11	Therapeutic paradigm of dual targeting VEGF and PDGF for effectively treating FGF-2 off-target tumors. <i>Nature Communications</i> , 2020, 11, 3704.	5.8	62
12	Generation of a homozygous CRISPR/Cas9-mediated knockout H9 hESC subline for the CRB1 locus. <i>Stem Cell Research</i> , 2020, 49, 102057.	0.3	2
13	Molecular signature for senile and complicated cataracts derived from analysis of sumoylation enzymes and their substrates in human cataract lenses. <i>Aging Cell</i> , 2020, 19, e13222.	3.0	8
14	Using inducible lentiviral vectors to generate induced pluripotent stem cell line ZOCi001-A from peripheral blood cells of a patient with CRB1 retinitis pigmentosa.. <i>Stem Cell Research</i> , 2020, 45, 101817.	0.3	3
15	Effectiveness of intraoperative intraocular lens use on improving surgical safety for dense cataract phacoemulsification: a randomized controlled trial. <i>Scientific Reports</i> , 2020, 10, 1600.	1.6	4
16	Bcl-6-directed follicular helper T cells promote vascular inflammatory injury in diabetic retinopathy. <i>Theranostics</i> , 2020, 10, 4250-4264.	4.6	21
17	Multimodal imaging of the retina and choroid in healthy <i>Macaca fascicularis</i> at different ages. <i>Graefes' Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 455-463.	1.0	8
18	Simultaneous Profiling of mRNA Transcriptome and DNA Methylome from a Single Cell. <i>Methods in Molecular Biology</i> , 2019, 1979, 363-377.	0.4	17

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19	Interfacial Electronic Structure Modulation of NiTe Nanoarrays with NiS Nanodots Facilitates Electrocatalytic Oxygen Evolution. <i>Advanced Materials</i> , 2019, 31, e1900430.	11.1	298
20	Diagnostic Efficacy and Therapeutic Decision-making Capacity of an Artificial Intelligence Platform for Childhood Cataracts in Eye Clinics: A Multicentre Randomized Controlled Trial. <i>EClinicalMedicine</i> , 2019, 9, 52-59.	3.2	117
21	Liu et al. reply. <i>Nature</i> , 2018, 556, E3-E4.	13.7	12
22	Necroptosis in microglia contributes to neuroinflammation and retinal degeneration through TLR4 activation. <i>Cell Death and Differentiation</i> , 2018, 25, 180-189.	5.0	129
23	A potent immunomodulatory role of exosomes derived from mesenchymal stromal cells in preventing cGVHD. <i>Journal of Hematology and Oncology</i> , 2018, 11, 135.	6.9	124
24	Alpha-1 Antitrypsin Attenuates M1 Microglia-Mediated Neuroinflammation in Retinal Degeneration. <i>Frontiers in Immunology</i> , 2018, 9, 1202.	2.2	30
25	MicroRNA-26a and -26b inhibit lens fibrosis and cataract by negatively regulating Jagged-1/Notch signaling pathway. <i>Cell Death and Differentiation</i> , 2017, 24, 1431-1442.	5.0	78
26	Interleukin 37 promotes angiogenesis through TGF- $\beta^2$ signaling. <i>Scientific Reports</i> , 2017, 7, 6113.	1.6	21
27	TLR2/4 deficiency prevents oxygen-induced vascular degeneration and promotes revascularization by downregulating IL-17 in the retina. <i>Scientific Reports</i> , 2016, 6, 27739.	1.6	9
28	Lens regeneration using endogenous stem cells with gain of visual function. <i>Nature</i> , 2016, 531, 323-328.	13.7	171
29	NGF increases VEGF expression and promotes cell proliferation via ERK1/2 and AKT signaling in M $\mu$ ller cells. <i>Molecular Vision</i> , 2016, 22, 254-63.	1.1	43
30	High glucose induces and activates Toll-like receptor 4 in endothelial cells of diabetic retinopathy. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 89.	1.2	62
31	IL-37 Is a Novel Proangiogenic Factor of Developmental and Pathological Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2638-2646.	1.1	35
32	Vitelline Membrane Outer Layer 1 Homolog Interacts With Lysozyme C and Promotes the Stabilization of Tear Film. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 6722-6727.	3.3	10
33	Interleukin-28A enhances autoimmune disease in a retinal autoimmunity model. <i>Cytokine</i> , 2014, 70, 179-184.	1.4	3
34	Interleukin-1 $\beta$ promotes the induction of retinal autoimmune disease. <i>International Immunopharmacology</i> , 2014, 22, 285-292.	1.7	22
35	Vasoprotective effect of PDGF-CC mediated by HMOX1 rescues retinal degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14806-14811.	3.3	24
36	Mesenchymal Stromal Cells Treatment Attenuates Dry Eye in Patients With Chronic Graft-versus-host Disease. <i>Molecular Therapy</i> , 2012, 20, 2347-2354.	3.7	63

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37	Neuronal-Driven Angiogenesis: Role of NGF in Retinal Neovascularization in an Oxygen-Induced Retinopathy Model. , 2010, 51, 3749.		46
38	Role of anterior capsule polishing in residual lens epithelial cell proliferation. Journal of Cataract and Refractive Surgery, 2010, 36, 208-214.	0.7	22
39	Endothelial Progenitor Cells (EPCs) Mobilized and Activated by Neurotrophic Factors May Contribute to Pathologic Neovascularization in Diabetic Retinopathy. American Journal of Pathology, 2010, 176, 504-515.	1.9	58
40	Proteomic analysis of regenerated rabbit lenses reveal crystallin expression characteristic of adult rabbits. Molecular Vision, 2008, 14, 2404-12.	1.1	6