

# Lin Lu

## List of Publications by Year in descending order

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88  
papers

1,421  
citations

304602

22  
h-index

414303

32  
g-index

91  
all docs

91  
docs citations

91  
times ranked

1812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage polarization in experimental and clinical choroidal neovascularization. Scientific Reports, 2016, 6, 30933.	1.6	84
2	NLRP12 collaborates with NLRP3 and NLRC4 to promote pyroptosis inducing ganglion cell death of acute glaucoma. Molecular Neurodegeneration, 2020, 15, 26.	4.4	84
3	Facing the challenges in ophthalmology clerkship teaching: Is flipped classroom the answer?. PLoS ONE, 2017, 12, e0174829.	1.1	75
4	Melatonin attenuated retinal neovascularization and neuroglial dysfunction by inhibition of HIF-1 $\alpha$ -VEGF pathway in oxygen-induced retinopathy mice. Journal of Pineal Research, 2018, 64, e12473.	3.4	74
5	Fibroblast Growth Factor Receptor 2 (FGFR2) Is Required for Corneal Epithelial Cell Proliferation and Differentiation during Embryonic Development. PLoS ONE, 2015, 10, e0117089.	1.1	38
6	Aqueous humor cytokine profiling in patients with wet AMD. Molecular Vision, 2016, 22, 352-61.	1.1	38
7	TXNIP positively regulates the autophagy and apoptosis in the rat Müller cell of diabetic retinopathy. Life Sciences, 2021, 267, 118988.	2.0	37
8	Madecassic Acid protects against hypoxia-induced oxidative stress in retinal microvascular endothelial cells via ROS-mediated endoplasmic reticulum stress. Biomedicine and Pharmacotherapy, 2016, 84, 845-852.	2.5	36
9	Development and validation of a deep learning system to screen vision-threatening conditions in high myopia using optical coherence tomography images. British Journal of Ophthalmology, 2022, 106, 633-639.	2.1	36
10	The role of optical coherence tomography angiography in fundus vascular abnormalities. BMC Ophthalmology, 2016, 16, 107.	0.6	35
11	Wogonin prevents TLR4-NF- $\kappa$ B-mediated neuro-inflammation and improves retinal ganglion cells survival in retina after optic nerve crush. Oncotarget, 2016, 7, 72503-72517.	0.8	34
12	Correlation of subfoveal choroidal thickness with axial length, refractive error, and age in adult highly myopic eyes. BMC Ophthalmology, 2018, 18, 127.	0.6	34
13	<i>Egr1</i> mediates retinal vascular dysfunction in diabetes mellitus via promoting p53 transcription. Journal of Cellular and Molecular Medicine, 2019, 23, 3345-3356.	1.6	34
14	Anti-angiogenic and anti-inflammatory effect of Magnolol in the oxygen-induced retinopathy model. Inflammation Research, 2016, 65, 81-93.	1.6	31
15	Appearance of Far Peripheral Retina in Normal Eyes by Ultra-widefield Fluorescein Angiography. American Journal of Ophthalmology, 2017, 173, 84-90.	1.7	31
16	Observational study of clinical characteristics of dome-shaped macula in Chinese Han with high myopia at Zhongshan Ophthalmic Centre. BMJ Open, 2018, 8, e021887.	0.8	31
17	Identification of an intraocular microbiota. Cell Discovery, 2021, 7, 13.	3.1	30
18	Landscape of microRNA in the aqueous humour of proliferative diabetic retinopathy as assessed by next-generation sequencing. Clinical and Experimental Ophthalmology, 2019, 47, 925-936.	1.3	27

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19	Vitreous surgery in highly myopic retinal detachment resulting from a macular hole. <i>Clinical and Experimental Ophthalmology</i> , 2002, 30, 261-265.	1.3	26
20	Neuroprotective effects and mechanisms of action of nicotinamide mononucleotide (NMN) in a photoreceptor degenerative model of retinal detachment. <i>Aging</i> , 2020, 12, 24504-24521.	1.4	26
21	Depression in Diabetic Retinopathy: A Review and Recommendation for Psychiatric Management. <i>Psychosomatics</i> , 2016, 57, 465-471.	2.5	25
22	Combined Persistent Fetal Vasculature. <i>Ophthalmology</i> , 2016, 123, 19-25.	2.5	24
23	Effectiveness of combined macular buckle under direct vision and vitrectomy with ILM peeling in refractory macular hole retinal detachment with extreme high axial myopia: a 24-month comparative study. <i>British Journal of Ophthalmology</i> , 2017, 101, 1386-1394.	2.1	24
24	A prospective case-control study comparing optical coherence tomography characteristics in neuromyelitis optica spectrum disorder- optic neuritis and idiopathic optic neuritis. <i>BMC Ophthalmology</i> , 2018, 18, 247.	0.6	21
25	Novel mutations in FZD4 and phenotype-genotype correlation in Chinese patients with familial exudative vitreoretinopathy. <i>Molecular Vision</i> , 2016, 22, 917-32.	1.1	20
26	Protection of Retina by Mini-Î±A in NaIO <sub>3</sub> -Induced Retinal Pigment Epithelium Degeneration Mice. <i>International Journal of Molecular Sciences</i> , 2015, 16, 1644-1656.	1.8	19
27	A pilot prospective study of 577-nm yellow subthreshold micropulse laser treatment with two different power settings for acute central serous chorioretinopathy. <i>Lasers in Medical Science</i> , 2019, 34, 1345-1351.	1.0	19
28	MACULAR BUCKLING USING A THREE-ARMED SILICONE CAPSULE FOR FOVEOSCHISIS ASSOCIATED WITH HIGH MYOPIA. <i>Retina</i> , 2016, 36, 1919-1926.	1.0	18
29	Real-world outcomes with ranibizumab in branch retinal vein occlusion: The prospective, global, LUMINOUS study. <i>PLoS ONE</i> , 2020, 15, e0234739.	1.1	18
30	Oxidative stress-induced KLF4 activates inflammatory response through IL17RA and its downstream targets in retinal pigment epithelial cells. <i>Free Radical Biology and Medicine</i> , 2020, 147, 271-281.	1.3	17
31	Effect of Choroidal Vessel Density on the Ellipsoid Zone and Visual Function in Retinitis Pigmentosa Using Optical Coherence Tomography Angiography. , 2019, 60, 4328.		16
32	Macular vascular circulation and retinal oxygen saturation changes for idiopathic macular epiretinal membrane after vitrectomy. <i>Acta Ophthalmologica</i> , 2019, 97, 296-302.	0.6	16
33	Three-year outcomes of macular buckling for macular holes and foveoschisis in highly myopic eyes. <i>Acta Ophthalmologica</i> , 2020, 98, e470-e478.	0.6	16
34	Comparison of macular buckling and vitrectomy for the treatment of macular schisis and associated macular detachment in high myopia: a randomized clinical trial. <i>Acta Ophthalmologica</i> , 2020, 98, e266-e272.	0.6	16
35	The Features of Inflammation Factors Concentrations in Aqueous Humor of Polypoidal Choroidal Vasculopathy. <i>PLoS ONE</i> , 2016, 11, e0147346.	1.1	14
36	Macular buckling versus vitrectomy on macular hole associated macular detachment in eyes with high myopia: a randomised trial. <i>British Journal of Ophthalmology</i> , 2022, 106, 582-586.	2.1	14

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37	The Effects of Sonic Hedgehog on Retinal Müller Cells Under High-Glucose Stress. , 2015, 56, 2773.		13
38	Secretion of Down Syndrome Critical Region 1 Isoform 4 in Ischemic Retinal Ganglion Cells Displays Anti-Angiogenic Properties Via NFATc1-Dependent Pathway. Molecular Neurobiology, 2017, 54, 6556-6571.	1.9	13
39	Retinal pigmental epithelium elevation and external limiting membrane interruption in myopic choroidal neovascularization: correlation with activity. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1831-1837.	1.0	13
40	Combinatorial treatment with topical NSAIDs and anti-VEGF for age-related macular degeneration, a meta-analysis. PLoS ONE, 2017, 12, e0184998.	1.1	13
41	Long-Term Therapeutic Outcomes of Photodynamic Therapy-Based or Photocoagulation-Based Treatments on Retinal Capillary Hemangioma. Photomedicine and Laser Surgery, 2018, 36, 10-17.	2.1	12
42	Therapeutic Effects of Idebenone on Leber Hereditary Optic Neuropathy. Current Eye Research, 2020, 45, 1315-1323.	0.7	12
43	Electroretinogram evaluation for the treatment of proliferative diabetic retinopathy by short-pulse pattern scanning laser panretinal photocoagulation. Lasers in Medical Science, 2018, 33, 1095-1102.	1.0	10
44	TMP778, a selective inhibitor of ROR $\gamma$ t, suppresses experimental autoimmune uveitis development, but affects both Th17 and Th1 cell populations. European Journal of Immunology, 2018, 48, 1810-1816.	1.6	10
45	Two different initial treatment regimens of ranibizumab in myopic choroidal neovascularization: 12-month results from a randomized controlled study. Clinical and Experimental Ophthalmology, 2019, 47, 250-258.	1.3	10
46	Glycogen synthase kinase-3: a key kinase in retinal neuron apoptosis in early diabetic retinopathy. Chinese Medical Journal, 2014, 127, 3464-70.	0.9	10
47	Mingmu Xiaomeng Tablets Restore Autophagy and Alleviate Diabetic Retinopathy by Inhibiting PI3K/Akt/mTOR Signaling. Frontiers in Pharmacology, 2021, 12, 632040.	1.6	9
48	Association of <i>IGFN1</i> variant with polypoidal choroidal vasculopathy. Journal of Gene Medicine, 2018, 20, e3007.	1.4	8
49	Comparison of the effects of photodynamic therapy, intravitreal ranibizumab and combination for polypoidal choroidal vasculopathy under 1%+1%PRN regimen. BMC Ophthalmology, 2018, 18, 144.	0.6	8
50	Patterns of Fundus Autofluorescence in Eyes with Myopic Atrophy Maculopathy: A Consecutive Case Series Study. Current Eye Research, 2021, 46, 1056-1060.	0.7	8
51	Subthreshold Micropulse Laser vs. Conventional Laser for Central Serous Chorioretinopathy: A Randomized Controlled Clinical Trial. Frontiers in Medicine, 2021, 8, 682264.	1.2	8
52	Salubrinal attenuated retinal neovascularization by inhibiting CHOP-HIF1 $\alpha$ -VEGF pathways. Oncotarget, 2017, 8, 77219-77232.	0.8	8
53	The Correlation between Aquaporin-4 Antibody and the Visual Function of Patients with Demyelinating Optic Neuritis at Onset. Journal of Ophthalmology, 2015, 2015, 1-5.	0.6	7
54	CHANGES IN THE CHOROIDAL THICKNESS AFTER MACULAR BUCKLING IN HIGHLY MYOPIC EYES. Retina, 2021, 41, 1858-1866.	1.0	7

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55	Comparison of Two Botulinum Neurotoxin A Injection Patterns with or without the Medial Lower Eyelid in the Treatment of Blepharospasm. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-6.	0.6	6
56	Patterns of Choroidal Deepening in Highly Myopic Eyes with Dome-Shaped Macula. <i>Current Eye Research</i> , 2020, 45, 1017-1023.	0.7	6
57	Subthreshold Pan-Retinal Photocoagulation Using Endpoint Management Algorithm for Severe Nonproliferative Diabetic Retinopathy: A Paired Controlled Pilot Prospective Study. <i>Ophthalmic Research</i> , 2021, 64, 648-655.	1.0	6
58	Analysis of the rates of emulsification in intraocular silicone oil tamponades of differing viscosities. <i>International Journal of Ophthalmology</i> , 2020, 13, 761-765.	0.5	6
59	Predicting Optical Coherence Tomography-Derived High Myopia Grades From Fundus Photographs Using Deep Learning. <i>Frontiers in Medicine</i> , 2022, 9, 842680.	1.2	6
60	Releasable Encircling Band for Primary Rhegmatogenous Retinal Detachment. <i>Ophthalmology</i> , 2014, 121, 2504-2505.	2.5	5
61	A Pilot Clinical Study of Intravitreal Injection of Artesunate for Ocular Neovascularization. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2019, 35, 283-290.	0.6	5
62	COMPARISON BETWEEN RELEASABLE SCLERAL BUCKLING AND VITRECTOMY IN PATIENTS WITH PHAKIC PRIMARY RHEGMATOGENOUS RETINAL DETACHMENT. <i>Retina</i> , 2020, 40, 33-40.	1.0	5
63	Anatomical and functional responses in eyes with diabetic macular edema treated with $\text{a}\text{e}1 + \text{PRN}\text{a}\text{e}$ ranibizumab: one-year outcomes in population of mainland China. <i>BMC Ophthalmology</i> , 2020, 20, 229.	0.6	5
64	Quantitative Evaluation of Retinal Vessel Density in Central Serous Chorioretinopathy after Half-dose Photodynamic Therapy. <i>Current Eye Research</i> , 2021, 46, 855-864.	0.7	5
65	Vitreoretinal surgeons's™ experience and time interval from pars-plana vitrectomy to cataract extraction. <i>International Journal of Ophthalmology</i> , 2021, 14, 120-126.	0.5	5
66	Idiopathic pigmented vitreous cyst without autofluorescence: a case report. <i>BMC Ophthalmology</i> , 2017, 17, 183.	0.6	4
67	25-gauge lens-sparing vitrectomy with dissection of retrolental adhesions on the peripheral retina for familial exudative vitreoretinopathy in infants. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 2233-2240.	1.0	4
68	In vivo detecting mouse persistent hyperplastic primary vitreous by Spectralis Optical Coherence Tomography. <i>Experimental Eye Research</i> , 2019, 181, 271-276.	1.2	4
69	Comparison of the Effect of Pan-Retinal Photocoagulation and Intravitreal Conbercept Treatment on the Change of Retinal Vessel Density Monitored by Optical Coherence Tomography Angiography in Patients with Proliferative Diabetic Retinopathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 4484.	1.0	4
70	The Combination of Ketorolac with Local Anesthesia for Pain Control in Day Care Retinal Detachment Surgery: A Randomized Controlled Trial. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-8.	0.6	3
71	INTRAVITREAL GAS INJECTION WITH LASER PHOTOCOAGULATION FOR HIGHLY MYOPIC FOVEOSCHISIS. <i>Retina</i> , 2019, 39, 1305-1311.	1.0	3
72	Long-term observation of vitrectomy without subretinal hemorrhage management for massive vitreous hemorrhage secondary to polypoidal choroidal vasculopathy. <i>International Journal of Ophthalmology</i> , 2019, 12, 1859-1864.	0.5	3

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73	Long-term effects of pattern scan laser pan-retinal photocoagulation on diabetic retinopathy in Chinese patients: a retrospective study. <i>International Journal of Ophthalmology</i> , 2020, 13, 239-245.	0.5	3
74	The peripapillary retinal capillary density is highly correlated with its nerve fibre layer in normal population. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 74, 231-239.	0.9	2
75	Optic disc metastasis presenting as an initial sign of non-small-cell lung cancer: a case report. <i>Journal of International Medical Research</i> , 2020, 48, 030006052095949.	0.4	2
76	Efficacy and safety of scleral crosslinking using poly(ethylene glycol)ether tetrasuccinimidyl glutarate for form-deprivation myopia progression in rabbits. <i>RSC Advances</i> , 2021, 11, 31746-31755.	1.7	2
77	CHARACTERISTICS AND MANAGEMENT OF MYOPIC TRACTION MACULOPATHY IN MYOPIC EYES WITH AXIAL LENGTH LESS THAN 26.5 mm. <i>Retina</i> , 2022, 42, 540-547.	1.0	2
78	Subretinal fibrin absorption after 577-nm subthreshold micropulse laser therapy in a CSC case: a brief report. <i>Lasers in Medical Science</i> , 2018, 33, 1175-1178.	1.0	1
79	Two different initial treatment regimens of ranibizumab in myopic choroidal neovascularization: 12-month results from a randomized controlled study—Response. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 685-686.	1.3	1
80	Bilateral Papilledema and Partially Empty Sella in a Woman in Her 30s. <i>JAMA Ophthalmology</i> , 2019, 137, 577.	1.4	1
81	Effectiveness and Safety of Intravitreal Injection of Conbercept as an Initial Treatment for Exudative Circumscribed Choroidal Hemangioma. <i>Ophthalmologica</i> , 2020, 243, 436-443.	1.0	1
82	Outcomes of macular buckling surgery in myopic foveal detachment eyes with and without disrupted ellipsoid zone band: a case-control study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 2513-2519.	1.0	1
83	Multimodal imaging and genetic analysis of adult-onset best vitelliform macular dystrophy in Chinese patients. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1034.	0.8	1
84	Factors Affecting Visual Prognosis of Myopic Foveoschisis after Macular Buckling. <i>Journal of Ophthalmology</i> , 2022, 2022, 1-7.	0.6	1
85	Author Reply. <i>Ophthalmology</i> , 2015, 122, e51-e52.	2.5	0
86	Transscleral tunnel incision related arterial hemorrhage in 23-gauge Vitrectomy: case report. <i>BMC Ophthalmology</i> , 2018, 18, 9.	0.6	0
87	Microinvasive pars plana vitrectomy versus panretinal photocoagulation in the treatment of severe non-proliferative diabetic retinopathy (the VIP study): study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e043371.	0.8	0
88	Quantitative evaluation of damage to retinal capillaries caused by half-dose and half-time photodynamic therapy with optical coherent tomographic angiography. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 36, 102477.	1.3	0