

Jianjiang Xu

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

2,047
citations

430442

18
h-index

276539

41
g-index

84
all docs

84
docs citations

84
times ranked

2514
citing authors

#	ARTICLE	IF	CITATIONS
1	TFOS DEWS II Management and Therapy Report. <i>Ocular Surface</i> , 2017, 15, 575-628.	2.2	839
2	The diagnosis of limbal stem cell deficiency. <i>Ocular Surface</i> , 2018, 16, 58-69.	2.2	128
3	Calcitriol inhibits ROS-NLRP3-IL-1 β signaling axis via activation of Nrf2-antioxidant signaling in hyperosmotic stress stimulated human corneal epithelial cells. <i>Redox Biology</i> , 2019, 21, 101093.	3.9	124
4	Age-Related Changes in Human Corneal Epithelial Thickness Measured With Anterior Segment Optical Coherence Tomography. , 2014, 55, 5032.		67
5	Ambient air pollution, weather changes and outpatient visits for allergic conjunctivitis: A retrospective registry study. <i>Scientific Reports</i> , 2016, 6, 23858.	1.6	63
6	Deep learning for identifying corneal diseases from ocular surface slit-lamp photographs. <i>Scientific Reports</i> , 2020, 10, 17851.	1.6	47
7	Calcitriol Alleviates Hyperosmotic Stress-Induced Corneal Epithelial Cell Damage via Inhibiting the NLRP3 β ASC β Caspase-1 β GSDMD Pyroptosis Pathway in Dry Eye Disease. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2955-2962.	1.6	41
8	Rescue the retina after the ischemic injury by polymer-mediated intracellular superoxide dismutase delivery. <i>Biomaterials</i> , 2021, 268, 120600.	5.7	37
9	Evaluation of corneal cross-linking as adjuvant therapy for the management of fungal keratitis. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2019, 257, 1443-1452.	1.0	35
10	Schlemm's Canal Expands After Trabeculectomy in Patients With Primary Angle β Closure Glaucoma. , 2014, 55, 5637.		31
11	NGF promotes cell cycle progression by regulating D-type cyclins via PI3K/Akt and MAPK/Erk activation in human corneal epithelial cells. <i>Molecular Vision</i> , 2012, 18, 758-64.	1.1	31
12	In Vivo Evaluation of the Limbus Using Anterior Segment Optical Coherence Tomography. <i>Translational Vision Science and Technology</i> , 2018, 7, 12.	1.1	29
13	Incidence and risk factors for post-penetrating keratoplasty glaucoma: A systematic review and meta-analysis. <i>PLoS ONE</i> , 2017, 12, e0176261.	1.1	28
14	Association of Common Variants in LOX with Keratoconus: A Meta-Analysis. <i>PLoS ONE</i> , 2015, 10, e0145815.	1.1	25
15	T-style keratoprosthesis based on surface-modified poly (2-hydroxyethyl methacrylate) hydrogel for cornea repairs. <i>Materials Science and Engineering C</i> , 2015, 50, 274-285.	3.8	24
16	IL-24 Promotes <i>Pseudomonas aeruginosa</i> Keratitis in C57BL/6 Mouse Corneas. <i>Journal of Immunology</i> , 2017, 198, 3536-3547.	0.4	24
17	Calcitriol, the Active Metabolite of Vitamin D β , Inhibits Dry Eye Related Corneal Inflammation <i>In Vivo</i> and <i>In Vitro</i> . <i>Ocular Immunology and Inflammation</i> , 2019, 27, 257-265.	1.0	24
18	All-trans retinoid acid promotes allogeneic corneal graft survival in mice by regulating Treg-Th17 balance in the presence of TGF β . <i>BMC Immunology</i> , 2015, 16, 17.	0.9	23

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19	Measurement of corneal and limbal epithelial thickness by anterior segment optical coherence tomography and in vivo confocal microscopy. <i>BMC Ophthalmology</i> , 2016, 16, 163.	0.6	21
20	Hydroxypropyl methylcellulose 2% for dry eye prevention during phacoemulsification in senile and diabetic patients. <i>International Ophthalmology</i> , 2018, 38, 1261-1273.	0.6	21
21	Impact of Conjunctivochalasis on Visual Quality of Life: A Community Population Survey. <i>PLoS ONE</i> , 2014, 9, e110821.	1.1	18
22	Schnyder corneal dystrophy-associated UBIAD1 mutations cause corneal cholesterol accumulation by stabilizing HMG-CoA reductase. <i>PLoS Genetics</i> , 2019, 15, e1008289.	1.5	18
23	An unusual case of <i>Acanthamoeba Polyphaga</i> and <i>Pseudomonas Aeruginosa</i> keratitis. <i>Diagnostic Pathology</i> , 2014, 9, 105.	0.9	17
24	Novel Mutations Associated With Various Types of Corneal Dystrophies in a Han Chinese Population. <i>Frontiers in Genetics</i> , 2019, 10, 881.	1.1	16
25	Limitations of Keratoplasty in China: A Survey Analysis. <i>PLoS ONE</i> , 2015, 10, e0132268.	1.1	15
26	Calcitriol inhibits apoptosis via activation of autophagy in hyperosmotic stress stimulated corneal epithelial cells in vivo and in vitro. <i>Experimental Eye Research</i> , 2020, 200, 108210.	1.2	15
27	Inhibiting corneal neovascularization by sustainably releasing anti-VEGF and anti-inflammation drugs from silica-thermogel nanohybrids. <i>Materials Science and Engineering C</i> , 2021, 128, 112274.	3.8	15
28	Bacterial Keratitis in Shanghai. <i>Ophthalmology</i> , 2013, 120, 647.	2.5	14
29	A comprehensive evaluation of 181 reported CHST6 variants in patients with macular corneal dystrophy. <i>Aging</i> , 2019, 11, 1019-1029.	1.4	14
30	Optimising keratoplasty for Peters' anomaly in infants using spectral-domain optical coherence tomography. <i>British Journal of Ophthalmology</i> , 2017, 101, 820-827.	2.1	12
31	MiR-21 promotes pterygium cell proliferation through the PTEN/AKT pathway. <i>Molecular Vision</i> , 2018, 24, 485-494.	1.1	12
32	Effects of Long-Term Antiglaucoma Eye Drops on Conjunctival Structures: An In Vivo Confocal Microscopy Study. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-7.	0.6	11
33	Mechanical Strain Induces Distinct Human Scleral Fibroblast Lineages: Differential Roles in Cell Proliferation, Apoptosis, Migration, and Differentiation. , 2018, 59, 2401.		10
34	Nerve growth factor inhibits TLR3-induced inflammatory cascades in human corneal epithelial cells. <i>Journal of Inflammation</i> , 2019, 16, 27.	1.5	10
35	Medically uncontrolled conjunctival pyogenic granulomas: correlation between clinical characteristics and histological findings. <i>Oncotarget</i> , 2017, 8, 2020-2024.	0.8	9
36	Compound heterozygous mutations in SMO associated with anterior segment dysgenesis and morning glory syndrome. <i>Gene</i> , 2019, 713, 143973.	1.0	9

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37	Indications and Techniques of Pediatric Keratoplasty in Eastern China From 2008 to 2017. <i>Cornea</i> , 2019, 38, 1370-1376.	0.9	9
38	Novel Therapy for Primary Canaliculitis. <i>Medicine (United States)</i> , 2015, 94, e1611.	0.4	8
39	MicroRNA-494 inhibits nerve growth factor-induced cell proliferation by targeting cyclin D1 in human corneal epithelial cells. <i>Molecular Medicine Reports</i> , 2017, 16, 4133-4142.	1.1	8
40	Evaluating the association between calpastatin (CAST) gene and keratoconus in the Han Chinese population. <i>Gene</i> , 2018, 653, 10-13.	1.0	8
41	Age-Related Changes in Human Schlemm's Canal: An in Vivo Optical Coherence Tomography-Based Study. <i>Frontiers in Physiology</i> , 2018, 9, 630.	1.3	8
42	Sustained release of brimonidine from BRI@SR@TPU implant for treatment of glaucoma. <i>Drug Delivery</i> , 2022, 29, 613-623.	2.5	8
43	Essential role of ultraviolet radiation in the decrease of corneal endothelial cell density caused by pterygium. <i>Eye</i> , 2018, 32, 1886-1892.	1.1	7
44	IFN- γ Regulates the Expression of MICA in Human Corneal Epithelium Through miRNA4448 and NF- κ B. <i>Frontiers in Immunology</i> , 2018, 9, 1530.	2.2	7
45	Clinical Properties and Risk Factors for Descemet Membrane Folds After Deep Anterior Lamellar Keratoplasty in Patients With Keratoconus. <i>Cornea</i> , 2019, 38, 1222-1227.	0.9	7
46	Functional relevance for central cornea thickness-associated genetic variants by using integrative analyses. <i>BioData Mining</i> , 2018, 11, 19.	2.2	6
47	<p>The Effect of 0.01% Atropine Eye Drops on the Ocular Surface in Children for the Control of Myopia"The Primary Results from a Six-Month Prospective Study</p>. <i>Therapeutics and Clinical Risk Management</i> , 2020, Volume 16, 735-740.	0.9	6
48	Morphological and Functional Changes of Meibomian Glands in Pediatric and Adult Patients with Allergic Conjunctivitis. <i>Journal of Clinical Medicine</i> , 2022, 11, 1427.	1.0	6
49	Secukinumab in the Treatment of Noninfectious Uveitis. <i>Ophthalmology</i> , 2013, 120, e86.	2.5	5
50	Meibomian Gland Alteration in Patients with Primary Chronic Dacryocystitis: An <i>In vivo</i> Confocal Microscopy Study. <i>Current Eye Research</i> , 2015, 40, 772-779.	0.7	5
51	Comparison of the Meibomian Gland Openings by Optical Coherence Tomography in Obstructive Meibomian Gland Dysfunction and Normal Patients. <i>Journal of Clinical Medicine</i> , 2020, 9, 3181.	1.0	5
52	Novel Mutations in COL6A3 That Associated With Peters's Anomaly Caused Abnormal Intracellular Protein Retention and Decreased Cellular Resistance to Oxidative Stress. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 531986.	1.8	5
53	Replication of the Association Between Keratoconus and Polymorphisms in PNPLA2 and MAML2 in a Han Chinese Population. <i>Frontiers in Genetics</i> , 2020, 11, 827.	1.1	5
54	Femtosecond laser-assisted Descemet's stripping endothelial keratoplasty: a prospective study of 6-month visual outcomes, corneal thickness and endothelial cell loss. <i>International Ophthalmology</i> , 2020, 40, 2065-2075.	0.6	5

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55	Malapposition of graft-host interface after penetrating keratoplasty (PK) and deep anterior lamellar keratoplasty (DALK): an optical coherence tomography study. <i>BMC Ophthalmology</i> , 2020, 20, 41.	0.6	5
56	Application of Keratograph and Fourier-Domain Optical Coherence Tomography in Measurements of Tear Meniscus Height. <i>Journal of Clinical Medicine</i> , 2022, 11, 1343.	1.0	5
57	Blockage of P2X7R suppresses Th1/Th17-mediated immune responses and corneal allograft rejection via inhibiting NLRP3 inflammasome activation. <i>Experimental Eye Research</i> , 2021, 212, 108792.	1.2	4
58	Targeting NECTIN-1 Based on CRISPR/Cas9 System Attenuated the Herpes Simplex Virus Infection in Human Corneal Epithelial Cells In Vitro. <i>Translational Vision Science and Technology</i> , 2022, 11, 8.	1.1	4
59	<i>Pseudomonas aeruginosa</i> keratitis misdiagnosed as fungal keratitis by in vivo confocal microscopy: a case report. <i>BMC Research Notes</i> , 2014, 7, 907.	0.6	3
60	iTRAQ-Based Quantitative Proteomic Analysis of Tear Fluid in a Rat Penetrating Keratoplasty Model With Acute Corneal Allograft Rejection. , 2015, 56, 4117.		3
61	Combined Lacrimal Passage Probing and Tobramycin/Dexamethasone Ophthalmic Ointment Infiltration. <i>Medicine (United States)</i> , 2015, 94, e1483.	0.4	3
62	Factors predicting long-term changes in refraction after lamellar keratoscleroplasty in children with limbal dermoids. <i>Eye</i> , 2021, 35, 1659-1665.	1.1	3
63	A Novel Hierarchical Deep Learning Framework for Diagnosing Multiple Visual Impairment Diseases in the Clinical Environment. <i>Frontiers in Medicine</i> , 2021, 8, 654696.	1.2	3
64	Whole exome sequencing identified FAM149A as a plausible causative gene for congenital hereditary endothelial dystrophy, affecting Nrf2-Antioxidant signaling upon oxidative stress. <i>Free Radical Biology and Medicine</i> , 2021, 173, 117-124.	1.3	3
65	Combination of 0.05% Azelastine and 0.1% Tacrolimus Eye Drops in Children With Vernal Keratoconjunctivitis: A Prospective Study. <i>Frontiers in Medicine</i> , 2021, 8, 650083.	1.2	3
66	Progress of anti-vascular endothelial growth factor therapy for ocular neovascular disease: benefits and challenges. <i>Chinese Medical Journal</i> , 2014, 127, 1550-7.	0.9	3
67	Shared gene signature between pterygium and meibomian gland dysfunction uncovered through gene expression meta-analysis. <i>Annals of Human Genetics</i> , 2019, 83, 397-404.	0.3	2
68	Trends of Corneal Transplantation in Adults from 2010 to 2019 in East China: A 10-Year Experience. <i>Ophthalmic Research</i> , 2022, 65, 30-39.	1.0	2
69	RNA-seq identifies long non-coding RNAs as potential therapeutic targets for human corneal endothelial dysfunction under oxidative stress. <i>Experimental Eye Research</i> , 2021, 213, 108820.	1.2	2
70	Re: Wang et al.: Quantitative measurements of the ciliary body in eyes with malignant glaucoma after trabeculectomy using ultrasound biomicroscopy (<i>Ophthalmology</i> 2014;121:862-9). <i>Ophthalmology</i> , 2015, 122, e4.	2.5	1
71	Indications and Surgical Techniques for Repeat Corneal Transplantation in Eastern China: A Twelve-Year Study. <i>Journal of Ophthalmology</i> , 2021, 2021, 1-8.	0.6	1
72	Keratoplasty for Corneal Endothelial Disease. <i>Ophthalmology</i> , 2013, 120, 650.	2.5	0

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73	Evaluating the association between single nucleotide polymorphisms in the stonin 2 (STON2) gene and keratoconus in a Han Chinese population. <i>Annals of Translational Medicine</i> , 2021, 9, 616-616.	0.7	0
74	Fourier-Domain Optical Coherence Tomographic Assessment of Changes in the Schlemm's Canal of Nonglaucomatous Subjects After Keratoplasty. <i>Frontiers in Physiology</i> , 2021, 12, 716117.	1.3	0
75	Survey report on keratoplasty in China: A 5-year review from 2014 to 2018. , 2020, 15, e0239939.		0
76	Survey report on keratoplasty in China: A 5-year review from 2014 to 2018. , 2020, 15, e0239939.		0
77	Survey report on keratoplasty in China: A 5-year review from 2014 to 2018. , 2020, 15, e0239939.		0
78	Survey report on keratoplasty in China: A 5-year review from 2014 to 2018. , 2020, 15, e0239939.		0
79	Survey report on keratoplasty in China: A 5-year review from 2014 to 2018. , 2020, 15, e0239939.		0
80	Survey report on keratoplasty in China: A 5-year review from 2014 to 2018. , 2020, 15, e0239939.		0
81	Clinical Investigation of the Safety and Efficacy of Low-temperature Plasma as an Adjuvant Treatment for Mild to Moderate Fungal Keratitis: A Pilot Study. <i>Ocular Immunology and Inflammation</i> , 2022, , 1-10.	1.0	0