

Ming-Chang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

628
citations

687363

13
h-index

642732

23
g-index

51
all docs

51
docs citations

51
times ranked

977
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 in the ocular surface of COVID-19 patients. <i>Eye and Vision (London, England)</i> , 2020, 7, 23.	3.0	78
2	Identification of a novel GPR143 mutation in a large Chinese family with congenital nystagmus as the most prominent and consistent manifestation. <i>Journal of Human Genetics</i> , 2007, 52, 565-570.	2.3	67
3	Silicone oil-induced ocular hypertension and glaucomatous neurodegeneration in mouse. <i>ELife</i> , 2019, 8, .	6.0	48
4	Body and organ donation in Wuhan, China. <i>Lancet, The</i> , 2010, 376, 1033-1034.	13.7	35
5	LIF-JAK1-STAT3 signaling delays contact inhibition of human corneal endothelial cells. <i>Cell Cycle</i> , 2015, 14, 1197-1206.	2.6	32
6	Evidence of SARS-CoV-2 Transmission Through the Ocular Route. <i>Clinical Ophthalmology</i> , 2021, Volume 15, 687-696.	1.8	28
7	Curcumin inhibits angiogenesis by up-regulation of microRNA-1275 and microRNA-1246: a promising therapy for treatment of corneal neovascularization. <i>Cell Proliferation</i> , 2016, 49, 751-762.	5.3	27
8	Potential anti-angiogenic role of Slit2 in corneal neovascularization. <i>Experimental Eye Research</i> , 2010, 90, 742-749.	2.6	25
9	Inhibitory Effect of Curcumin on Corneal Neovascularization in vitro and in vivo. <i>Ophthalmologica</i> , 2008, 222, 178-186.	1.9	23
10	Circ_0119872 promotes uveal melanoma development by regulating the miR-622/G3BP1 axis and downstream signalling pathways. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 66.	8.6	21
11	Deregulation of RGS17 Expression Promotes Breast Cancer Progression. <i>Journal of Cancer</i> , 2015, 6, 767-775.	2.5	18
12	Rat Limbal Niche Cells Prevent Epithelial Stem/Progenitor Cells From Differentiation and Proliferation by Inhibiting Notch Signaling Pathway In Vitro. , 2017, 58, 2968.		16
13	Inhibitory effect of curcumin on proliferation of human pterygium fibroblasts. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2007, 27, 339-342.	1.0	15
14	Retinal nerve fiber layer thickness changes in obstructive sleep apnea syndrome: a systematic review and Meta-analysis. <i>International Journal of Ophthalmology</i> , 2016, 9, 1651-1656.	1.1	13
15	The Expression of Nuclear Factor κ B in Inflammation-Induced Rat Corneal Neovascularization. <i>Ocular Immunology and Inflammation</i> , 2006, 14, 359-365.	1.8	12
16	Umbilical Cord Patch Transplantation for Corneal Perforations and Descemetocelles. <i>Journal of Ophthalmology</i> , 2017, 2017, 1-7.	1.3	12
17	Hedgehog Signaling Pathway Regulates the Proliferation and Differentiation of Rat Meibomian Gland Epithelial Cells. , 2021, 62, 33.		11
18	Efficacy and safety of 0.05% cyclosporine ophthalmic emulsion in treatment of Chinese patients with moderate to severe dry eye disease: A 12-week, multicenter, randomized, double-masked, placebo-controlled phase III clinical study. <i>Medicine (United States)</i> , 2019, 98, e16710.	1.0	10

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19	Hyperkeratinization and Proinflammatory Cytokine Expression in Meibomian Glands Induced by <i>Staphylococcus aureus</i> . , 2021, 62, 11.		10
20	Detoxification of the Toxic Sulfur Mustard Simulant by a Supramolecular Antidote in Vitro and in Vivo. ACS Applied Materials & Interfaces, 2021, 13, 58291-58300.	8.0	10
21	Diagnosis and treatment of lacrimal passage obstruction by lacrimal endoscope. Journal of Huazhong University of Science and Technology [Medical Sciences], 2007, 27, 593-597.	1.0	9
22	p70S6K activation promotes the transdifferentiation of fibroblasts to myofibroblasts in pterygium tissue growth on the cornea. Biotechnology Letters, 2018, 40, 437-444.	2.2	8
23	Limbal niche cells can reduce the angiogenic potential of cultivated oral mucosal epithelial cells. Cellular and Molecular Biology Letters, 2019, 24, 3.	7.0	7
24	The active metabolite of leflunomide A771726 inhibits corneal neovascularization. Journal of Huazhong University of Science and Technology [Medical Sciences], 2008, 28, 364-368.	1.0	6
25	Correlation of vascular endothelial growth factor and CD105-microvascular density in primary pterygium. Journal of Huazhong University of Science and Technology [Medical Sciences], 2011, 31, 560-564.	1.0	6
26	Characterization of Ex Vivo Expanded Oral Mucosal Epithelium Cells on Acellular Porcine Corneal Stroma for Ocular Surface Reconstruction. Journal of Ophthalmology, 2017, 2017, 1-8.	1.3	6
27	Rat limbal niche cells can induce transdifferentiation of oral mucosal epithelial cells into corneal epithelial-like cells in vitro. Stem Cell Research and Therapy, 2018, 9, 256.	5.5	6
28	Limbal niche cells: a novel feeder cell for autologous cultivated oral mucosal epithelial transplantation. Regenerative Medicine, 2019, 14, 49-62.	1.7	6
29	A Comparison of Methods for Isolation of Limbal Niche Cells: Maintenance of Limbal Epithelial Stem/Progenitor Cells. , 2020, 61, 16.		6
30	Homemade lyophilized cross linking amniotic sustained-release drug membrane with anti-scarring role after filtering surgery in rabbit eyes. International Journal of Ophthalmology, 2012, 5, 555-61.	1.1	6
31	Subconjunctival Injection of Transdifferentiated Oral Mucosal Epithelial Cells for Limbal Stem Cell Deficiency in Rats. Journal of Histochemistry and Cytochemistry, 2021, 69, 177-190.	2.5	5
32	Tissue-Engineered Corneal Endothelial Sheets Using Ultrathin Acellular Porcine Corneal Stroma Substrates for Endothelial Keratoplasty. ACS Biomaterials Science and Engineering, 2022, 8, 1301-1311.	5.2	5
33	PCL scaffold combined with rat tail collagen type I to reduce keratocyte differentiation and prevent corneal stroma fibrosis after injury. Experimental Eye Research, 2022, 217, 108936.	2.6	4
34	Safety and efficacy of bimatoprost/timolol fixed combination in Chinese patients with open-angle glaucoma or ocular hypertension. Chinese Medical Journal, 2014, 127, 905-10.	2.3	4
35	Small-incision lenticule extraction versus femtosecond lenticule extraction for myopic: a systematic review and Meta-analysis. International Journal of Ophthalmology, 2017, 10, 115-121.	1.1	3
36	Amniotic membrane transplantation with topical interferon alfa-2b after excision of ocular surface squamous neoplasia. International Journal of Ophthalmology, 2018, 11, 160-162.	1.1	3

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37	Cryopreserved limbal lamellar keratoplasty for peripheral corneal and limbal reconstruction. <i>International Journal of Ophthalmology</i> , 2018, 11, 699-702.	1.1	3
38	Effect of p27Kip1 inhibition on proliferation of bovine corneal endothelial cells by RNA interference. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2008, 28, 211-215.	1.0	2
39	New Method for Removing Thermosensitive Acrylic Punctal Plugs From Lacrimal Puncta. <i>Cornea</i> , 2015, 34, 1557-1559.	1.7	2
40	Ten-Year Follow-up of Lamellar Keratoplasty Treatment With Acellular Porcine Corneal Stroma. <i>Cornea</i> , 2021, Publish Ahead of Print, .	1.7	2
41	Ultrastructural pathology of corneal neovascularization after photodynamic therapy in rabbits. <i>International Journal of Ophthalmology</i> , 2010, 3, 308-10.	1.1	2
42	Study of self-made freeze-dried bilayered fibrin-binding amniotic membrane in ocular trabeculectomy in rabbits. <i>International Journal of Ophthalmology</i> , 2011, 4, 582-9.	1.1	2
43	Effect of trkA kinase inhibitor on apoptosis of human pterygium fibroblasts. <i>Chinese-German Journal of Clinical Oncology</i> , 2010, 9, 113-117.	0.1	1
44	Inhibitory effect of PPAR γ agonist on the proliferation of human pterygium fibroblasts. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2010, 30, 809-814.	1.0	1
45	Development of a Novel Tear Lipid Test Strip. <i>Cornea</i> , 2022, 41, 232-237.	1.7	1
46	The present and the prospect of bioengineering cornea. <i>Annals of Eye Science</i> , 2018, 3, 7-7.	2.1	0