Zhiguo He

List of Publications by Year in descending order

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35	1,531	758635 12	476904 29
papers	citations	h-index	g-index

44	44	44	1754
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global Survey of Corneal Transplantation and Eye Banking. JAMA Ophthalmology, 2016, 134, 167.	1.4	1,011
2	Revisited Microanatomy of the Corneal Endothelial Periphery: New Evidence for Continuous Centripetal Migration of Endothelial Cells in Humans. Stem Cells, 2012, 30, 2523-2534.	1.4	124
3	3D map of the human corneal endothelial cell. Scientific Reports, 2016, 6, 29047.	1.6	67
4	Cutting and Decellularization of Multiple Corneal Stromal Lamellae for the Bioengineering of Endothelial Grafts. , 2016, 57, 6639.		37
5	Ganglioside Profiling of the Human Retina: Comparison with Other Ocular Structures, Brain and Plasma Reveals Tissue Specificities. PLoS ONE, 2016, 11, e0168794.	1.1	24
6	Storage of Porcine Cornea in an Innovative Bioreactor. , 2017, 58, 5907.		22
7	Optimization of immunolocalization of cell cycle proteins in human corneal endothelial cells. Molecular Vision, 2011, 17, 3494-511.	1.1	22
8	Ex vivo Gene Electrotransfer to the Endothelium of Organ Cultured Human Corneas. Ophthalmic Research, 2010, 43, 43-55.	1.0	20
9	Optimization of immunostaining on flat-mounted human corneas. Molecular Vision, 2015, 21, 1345-56.	1.1	20
10	Corneal endothelium self-healing mathematical model after inadvertent descemetorhexis. Journal of Cataract and Refractive Surgery, 2015, 41, 2313-2318.	0.7	18
11	Innovative corneal active storage machine for long-term eye banking. American Journal of Transplantation, 2019, 19, 1641-1651.	2.6	17
12	Three-month Storage of Human Corneas in an Active Storage Machine. Transplantation, 2020, 104, 1159-1165.	0.5	13
13	Delivery of macromolecules into the endothelium of whole ex vivo human cornea by femtosecond laser-activated carbon nanoparticles. British Journal of Ophthalmology, 2016, 100, 1151-1156.	2.1	12
14	Very early endothelial cell loss after penetrating keratoplasty with organ-cultured corneas. British Journal of Ophthalmology, 2017, 101, 1113-1118.	2.1	12
15	Predicting the retinal content in omegaâ€3 fatty acids for ageâ€related macularâ€degeneration. Clinical and Translational Medicine, 2021, 11, e404.	1.7	12
16	Delivery of Molecules into Human Corneal Endothelial Cells by Carbon Nanoparticles Activated by Femtosecond Laser. PLoS ONE, 2015, 10, e0132023.	1.1	11
17	Corneal endothelial cells possess an elaborate multipolar shape to maximize the basolateral to apical membrane area. Molecular Vision, 2016, 22, 31-9.	1.1	10
18	Exploration of the ocular surface infection by SARS-CoV-2 and implications for corneal donation: An ex vivo study. PLoS Medicine, 2022, 19, e1003922.	3.9	10

#	Article	IF	Citations
19	Corneal endothelial cell therapy: feasibility of cell culture from corneas stored in organ culture. Cell and Tissue Banking, 2021, 22, 551-562.	0.5	9
20	Endothelial quality of eye bank-prestripped DMEK prepared form organ-cultured corneas with the Muraine technique. Cell and Tissue Banking, 2018, 19, 705-716.	0.5	8
21	Evaluation of corneal epithelial wound healing after penetrating keratoplasty in patients receiving a new matrix therapy agent (regenerating agent). European Journal of Ophthalmology, 2020, 30, 119-124.	0.7	8
22	Capabilities of Gabor-domain optical coherence microscopy for the assessment of corneal disease. Journal of Biomedical Optics, 2019, 24, 1.	1.4	8
23	Tissue engineered endothelial keratoplasty in rabbit: tips and tricks. Acta Ophthalmologica, 2022, 100, 690-699.	0.6	7
24	Considering 3D topography of endothelial folds to improve cell count of organ cultured corneas. Cell and Tissue Banking, 2017, 18, 185-191.	0.5	6
25	Immunosuppression by a subconjunctival implant releasing dexamethasone in a rabbit model of penetrating keratoplasty. British Journal of Ophthalmology, 2018, 102, 692-699.	2.1	6
26	Epithelial Regeneration in Human Corneas Preserved in an Active Storage Machine. Translational Vision Science and Technology, 2021, 10, 31.	1.1	5
27	Ex vivo model of herpes simplex virus type I dendritic and geographic keratitis using a corneal active storage machine. PLoS ONE, 2020, 15, e0236183.	1.1	4
28	Transplantation Blues: Inadvertent Staining of Amyloid Deposits With Trypan Blue. Cornea, 2018, 37, 824-828.	0.9	3
29	Radial Endothelial Striae Over 360 Degrees in Fuchs Corneal Endothelial Dystrophy: New Pathophysiological Findings. Cornea, 2021, 40, 1604-1606.	0.9	2
30	In Vivo Labeling and Tracking of Proliferating Corneal Endothelial Cells by 5-Ethynyl-2â€²-Deoxyuridine in Rabbits. Translational Vision Science and Technology, 2021, 10, 7.	1.1	2
31	New Freeware for Image Analysis of Lissamine Green Conjunctival Staining. Cornea, 2021, 40, 351-357.	0.9	1
32	Title is missing!. , 2020, 15, e0236183.		0
33	Title is missing!. , 2020, 15, e0236183.		0
34	Title is missing!. , 2020, 15, e0236183.		0
35	Title is missing!. , 2020, 15, e0236183.		0