

Zhiguo He

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

974
citations

11
h-index

31
g-index

44
ext. papers

1,238
ext. citations

3.8
avg. IF

4.03
L-index

#	Paper	IF	Citations
34	Global Survey of Corneal Transplantation and Eye Banking. <i>JAMA Ophthalmology</i> , 2016 , 134, 167-73	3.9	612
33	Revisited microanatomy of the corneal endothelial periphery: new evidence for continuous centripetal migration of endothelial cells in humans. <i>Stem Cells</i> , 2012 , 30, 2523-34	5.8	98
32	3D map of the human corneal endothelial cell. <i>Scientific Reports</i> , 2016 , 6, 29047	4.9	42
31	Cutting and Decellularization of Multiple Corneal Stromal Lamellae for the Bioengineering of Endothelial Grafts 2016 , 57, 6639-6651		28
30	Optimization of immunolocalization of cell cycle proteins in human corneal endothelial cells. <i>Molecular Vision</i> , 2011 , 17, 3494-511	2.3	21
29	Storage of Porcine Cornea in an Innovative Bioreactor 2017 , 58, 5907-5917		17
28	Ex vivo gene electrotransfer to the endothelium of organ cultured human corneas. <i>Ophthalmic Research</i> , 2010 , 43, 43-55	2.9	17
27	Optimization of immunostaining on flat-mounted human corneas. <i>Molecular Vision</i> , 2015 , 21, 1345-56	2.3	16
26	Ganglioside Profiling of the Human Retina: Comparison with Other Ocular Structures, Brain and Plasma Reveals Tissue Specificities. <i>PLoS ONE</i> , 2016 , 11, e0168794	3.7	14
25	Innovative corneal active storage machine for long-term eye banking. <i>American Journal of Transplantation</i> , 2019 , 19, 1641-1651	8.7	14
24	Very early endothelial cell loss after penetrating keratoplasty with organ-cultured corneas. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1113-1118	5.5	12
23	Corneal endothelium self-healing mathematical model after inadvertent descemetorhexis. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 2313-8	2.3	11
22	Delivery of Molecules into Human Corneal Endothelial Cells by Carbon Nanoparticles Activated by Femtosecond Laser. <i>PLoS ONE</i> , 2015 , 10, e0132023	3.7	9
21	Delivery of macromolecules into the endothelium of whole ex vivo human cornea by femtosecond laser-activated carbon nanoparticles. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1151-6	5.5	9
20	Corneal endothelial cells possess an elaborate multipolar shape to maximize the basolateral to apical membrane area. <i>Molecular Vision</i> , 2016 , 22, 31-9	2.3	8
19	Three-month Storage of Human Corneas in an Active Storage Machine. <i>Transplantation</i> , 2020 , 104, 1159-1165	18.65	8
18	Endothelial quality of eye bank-prestripped DMEK prepared form organ-cultured corneas with the Muraine technique. <i>Cell and Tissue Banking</i> , 2018 , 19, 705-716	2.2	7

17	Capabilities of Gabor-domain optical coherence microscopy for the assessment of corneal disease. <i>Journal of Biomedical Optics</i> , 2019 , 24, 1-17	3.5	6
16	Considering 3D topography of endothelial folds to improve cell count of organ cultured corneas. <i>Cell and Tissue Banking</i> , 2017 , 18, 185-191	2.2	5
15	Predicting the retinal content in omega-3 fatty acids for age-related macular-degeneration. <i>Clinical and Translational Medicine</i> , 2021 , 11, e404	5.7	5
14	Corneal endothelial cell therapy: feasibility of cell culture from corneas stored in organ culture. <i>Cell and Tissue Banking</i> , 2021 , 22, 551-562	2.2	3
13	Evaluation of corneal epithelial wound healing after penetrating keratoplasty in patients receiving a new matrix therapy agent (regenerating agent). <i>European Journal of Ophthalmology</i> , 2020 , 30, 119-124 ^{1.9}		3
12	Transplantation Blues: Inadvertent Staining of Amyloid Deposits With Trypan Blue. <i>Cornea</i> , 2018 , 37, 824-828	3.1	2
11	Immunosuppression by a subconjunctival implant releasing dexamethasone in a rabbit model of penetrating keratoplasty. <i>British Journal of Ophthalmology</i> , 2018 , 102, 692-699	5.5	2
10	Epithelial Regeneration in Human Corneas Preserved in an Active Storage Machine. <i>Translational Vision Science and Technology</i> , 2021 , 10, 31	3.3	2
9	New Freeware for Image Analysis of Lissamine Green Conjunctival Staining. <i>Cornea</i> , 2021 , 40, 351-357	3.1	1
8	Ex vivo model of herpes simplex virus type I dendritic and geographic keratitis using a corneal active storage machine. <i>PLoS ONE</i> , 2020 , 15, e0236183	3.7	1
7	In Vivo Labeling and Tracking of Proliferating Corneal Endothelial Cells by 5-Ethynyl-2aDeoxyuridine in Rabbits. <i>Translational Vision Science and Technology</i> , 2021 , 10, 7	3.3	1
6	Radial Endothelial Striae Over 360 Degrees in Fuchs Corneal Endothelial Dystrophy: New Pathophysiological Findings. <i>Cornea</i> , 2021 , 40, 1604-1606	3.1	0
5	Exploration of the ocular surface infection by SARS-CoV-2 and implications for corneal donation: An ex vivo study.. <i>PLoS Medicine</i> , 2022 , 19, e1003922	11.6	0
4	Ex vivo model of herpes simplex virus type I dendritic and geographic keratitis using a corneal active storage machine 2020 , 15, e0236183		
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