Gilles Thuret

List of Publications by Citations

168 papers	1,872 citations	21 h-index	41 g-index
225 ext. papers	2,274 ext. citations	3.7 avg, IF	4.49 L-index

#	Paper	IF	Citations
168	Global Survey of Corneal Transplantation and Eye Banking. *JAMA Ophthalmology*, **2016**, 134, 167-73	3.9	612
167	Revisited microanatomy of the corneal endothelial periphery: new evidence for continuous centripetal migration of endothelial cells in humans. *Stem Cells*, **2012**, 30, 2523-34	5.8	98
166	Eubacterial PCR for bacterial detection and identification in 100 acute postcataract surgery endophthalmitis. *Investigative Ophthalmology and Visual Science*, **2008**, 49, 1971-8		92
165	ROCK inhibitor enhances adhesion and wound healing of human corneal endothelial cells. *PLoS ONE*, **2013**, 8, e62095	3.7	81
164	Animal compound-free medium and poloxamer for human corneal organ culture and deswelling. *Investigative Ophthalmology and Visual Science*, **2005**, 46, 816-22		48
163	Pan-corneal endothelial viability assessment: application to endothelial grafts predissected by eye banks **2011**, 52, 6018-25		47
162	3D map of the human corneal endothelial cell. *Scientific Reports*, **2016**, 6, 29047	4.9	42
161	Prospective, randomized clinical and endothelial evaluation of 2 storage times for cornea donor tissue in organ culture at 31 degrees C. *JAMA Ophthalmology*, **2003**, 121, 442-50		38
160	Value of two mortality assessment techniques for organ cultured corneal endothelium: trypan blue versus TUNEL technique. *British Journal of Ophthalmology*, **2002**, 86, 306-10	5.5	37
159	Automated tri-image analysis of stored corneal endothelium. *British Journal of Ophthalmology*, **2002**, 86, 801-8	5.5	35
158	The role of in vivo confocal microscopy in the diagnosis of eyelid margin tumors: 47 cases. *Journal of the American Academy of Dermatology*, **2014**, 71, 912-918.e2	4.5	30
157	Sensitivity and rapidity of blood culture bottles in the detection of cornea organ culture media contamination by bacteria and fungi. *British Journal of Ophthalmology*, **2002**, 86, 1422-7	5.5	28
156	Cutting and Decellularization of Multiple Corneal Stromal Lamellae for the Bioengineering of Endothelial Grafts **2016**, 57, 6639-6651		28
155	Is manual counting of corneal endothelial cell density in eye banks still acceptable? The French experience. *British Journal of Ophthalmology*, **2003**, 87, 1481-6	5.5	27
154	Efficiency of blood culture bottles for the fungal sterility testing of corneal organ culture media. *British Journal of Ophthalmology*, **2005**, 89, 586-90	5.5	27
153	Reproducibility of endothelial assessment during corneal organ culture: comparison of a computer-assisted analyzer with manual methods. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 2062-7		26
152	Use of poloxamers for deswelling of organ-cultured corneas. *Investigative Ophthalmology and Visual Science*, **2008**, 49, 550-9		25

151	Comparison of two semiautomated methods for evaluating endothelial cells of eye bank corneas. *Investigative Ophthalmology and Visual Science*, **2007**, 48, 3077-82		22
150	Obtaining cornea donation consent by telephone. *Transplantation*, **2002**, 73, 926-9	1.8	22
149	Use of a pair of blood culture bottles for sterility testing of corneal organ culture media. *British Journal of Ophthalmology*, **2001**, 85, 1158-62	5.5	21
148	Optimization of immunolocalization of cell cycle proteins in human corneal endothelial cells. *Molecular Vision*, **2011**, 17, 3494-511	2.3	21
147	Assessing microstructures of the cornea with Gabor-domain optical coherence microscopy: pathway for corneal physiology and diseases. *Optics Letters*, **2015**, 40, 1113-6	3	20
146	Standard microlithographic mosaics to assess endothelial cell counting methods by light microscopy in eye banks using organ culture. *Investigative Ophthalmology and Visual Science*, **2006**, 47, 4373-7		18
145	Storage of Porcine Cornea in an Innovative Bioreactor **2017**, 58, 5907-5917		17
144	Handheld reflectance confocal microscopy for the diagnosis of conjunctival tumors. *American Journal of Ophthalmology*, **2015**, 159, 324-33.e1	4.9	17
143	Ex vivo gene electrotransfer to the endothelium of organ cultured human corneas. *Ophthalmic Research*, **2010**, 43, 43-55	2.9	17
142	Urgent need for normalization of corneal graft quality controls in French eye banks. *Transplantation*, **2004**, 78, 1299-302	1.8	17
141	Occurrence and risk factors for retinal detachment after pars plana vitrectomy in acute postcataract bacterial endophthalmitis. *British Journal of Ophthalmology*, **2016**, 100, 1388-92	5.5	16
140	CorneaJ: an imageJ Plugin for semi-automated measurement of corneal endothelial cell viability. *Cornea*, **2014**, 33, 604-9	3.1	16
139	In situ immunohistochemical study of Bcl-2 and heat shock proteins in human corneal endothelial cells during corneal storage. *British Journal of Ophthalmology*, **2001**, 85, 996-1000	5.5	16
138	Optimization of immunostaining on flat-mounted human corneas. *Molecular Vision*, **2015**, 21, 1345-56	2.3	16
137	Endothelial morphometry by image analysis of corneas organ cultured at 31 degrees C **2010**, 51, 1356-64		15
136	One threat, different answers: the impact of COVID-19 pandemic on cornea donation and donor selection across Europe. *British Journal of Ophthalmology*, **2020**,	5.5	14
135	Ganglioside Profiling of the Human Retina: Comparison with Other Ocular Structures, Brain and Plasma Reveals Tissue Specificities. *PLoS ONE*, **2016**, 11, e0168794	3.7	14
134	Innovative corneal active storage machine for long-term eye banking. *American Journal of Transplantation*, **2019**, 19, 1641-1651	8.7	14

133	Very early endothelial cell loss after penetrating keratoplasty with organ-cultured corneas. *British Journal of Ophthalmology*, **2017**, 101, 1113-1118	5.5	12
132	Poloxamines for deswelling of organ-cultured corneas. *Ophthalmic Research*, **2012**, 48, 124-33	2.9	12
131	Corneal endothelium self-healing mathematical model after inadvertent descemetorhexis. *Journal of Cataract and Refractive Surgery*, **2015**, 41, 2313-8	2.3	11
130	Specific PCR and Quantitative Real-Time PCR in Ocular Samples from Acute and Delayed-Onset Postoperative Endophthalmitis. *American Journal of Ophthalmology*, **2020**, 212, 34-42	4.9	11
129	Delivery of Molecules into Human Corneal Endothelial Cells by Carbon Nanoparticles Activated by Femtosecond Laser. *PLoS ONE*, **2015**, 10, e0132023	3.7	9
128	Comparison of endothelial cell density of organ cultured corneas with cornea donor study. *Cornea*, **2014**, 33, 597-603	3.1	9
127	Fabrication of optical mosaics mimicking human corneal endothelium for the training and assessment of eye bank technicians. *Optics Letters*, **2012**, 37, 22-4	3	9
126	Delivery of macromolecules into the endothelium of whole ex vivo human cornea by femtosecond laser-activated carbon nanoparticles. *British Journal of Ophthalmology*, **2016**, 100, 1151-6	5.5	9
125	Microarray analysis of cell cycle gene expression in adult human corneal endothelial cells. *PLoS ONE* , **2014**, 9, e94349	3.7	8
124	Corneal endothelial cells possess an elaborate multipolar shape to maximize the basolateral to apical membrane area. *Molecular Vision*, **2016**, 22, 31-9	2.3	8
123	Three-month Storage of Human Corneas in an Active Storage Machine. *Transplantation*, **2020**, 104, 1159-1165	4.8	8
122	Non-invasive measurement of transparency, arcus senilis, and scleral rim diameter of corneas during eye banking. *Cell and Tissue Banking*, **2014**, 15, 471-82	2.2	7
121	Comparison of four methods of surface roughness assessment of corneal stromal bed after lamellar cutting. *Biomedical Optics Express*, **2017**, 8, 4974-4986	3.5	7
120	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients. *PLoS ONE*, **2020**, 15, e0240350	3.7	7
119	Endothelial quality of eye bank-prestripped DMEK prepared form organ-cultured corneas with the Muraine technique. *Cell and Tissue Banking*, **2018**, 19, 705-716	2.2	7
118	Inherent errors of the fixed-frame counting method for corneal endothelial cell density in eye banks. *Cell and Tissue Banking*, **2014**, 15, 451-9	2.2	6
117	Capabilities of Gabor-domain optical coherence microscopy for the assessment of corneal disease. *Journal of Biomedical Optics*, **2019**, 24, 1-17	3.5	6
116	Longitudinal study of retinal status using optical coherence tomography after acute onset endophthalmitis following cataract surgery. *British Journal of Ophthalmology*, **2017**, 101, 1211-1216	5.5	5

115	Considering 3D topography of endothelial folds to improve cell count of organ cultured corneas. *Cell and Tissue Banking*, **2017**, 18, 185-191	2.2	5
114	Early versus delayed intravitreal betamethasone as an adjuvant in the treatment of presumed postoperative endophthalmitis: a randomised trial. *British Journal of Ophthalmology*, **2016**, 100, 1076-80	5.5	5
113	Very early endothelial cell loss after simultaneous corneal autograft and allograft. *Cornea*, **2014**, 33, 201-6	3.1	5
112	Controlled study of the influence of storage medium type on endothelial assessment during corneal organ culture. *British Journal of Ophthalmology*, **2004**, 88, 579-81	5.5	5
111	Femtosecond laser cutting of multiple thin corneal stromal lamellae for endothelial bioengineering. *Cornea*, **2015**, 34, 218-24	3.1	4
110	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital. *PLoS ONE*, **2020**, 15, e0233392	3.7	4
109	Epiretinal large disc of blue-stained lyophilized amniotic membrane to treat complex macular holes: a 1-year follow-up. *Acta Ophthalmologica*, **2021**,	3.7	4
108	Phacoemulsification And Zonular Weakness: Contribution Of The Capsular Tension Ring With A Thread. *Clinical Ophthalmology*, **2019**, 13, 2301-2304	2.5	4
107	Approaches for corneal endothelium regenerative medicine. *Progress in Retinal and Eye Research*, **2021**, 100987	20.5	4
106	Corneal endothelial cell therapy: feasibility of cell culture from corneas stored in organ culture. *Cell and Tissue Banking*, **2021**, 22, 551-562	2.2	3
105	The role of in vivo confocal microscopy in the diagnosis of eyelid margin tumors: reply from the authors. *Journal of the American Academy of Dermatology*, **2015**, 72, e123	4.5	2
104	Transplantation Blues: Inadvertent Staining of Amyloid Deposits With Trypan Blue. *Cornea*, **2018**, 37, 824-828	3.1	2
103	Immunosuppression by a subconjunctival implant releasing dexamethasone in a rabbit model of penetrating keratoplasty. *British Journal of Ophthalmology*, **2018**, 102, 692-699	5.5	2
102	Interfaces detection after corneal refractive surgery by low coherence optical interferometry. *Biomedical Optics Express*, **2010**, 1, 1460-1471	3.5	2
101	Topical treatment with a new matrix therapy agent (RGTA, CACICOL-20) improves epithelial wound healing after penetrating keratoplasty. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	2
100	How transparent film applied on dermatologic imaging devices in order to prevent infections affects image quality?. *Skin Research and Technology*, **2019**, 25, 229-233	1.9	2
99	Detection of refractive photokeratectomy traces during eye banking: impossible with organ culture but possible with an active storage machine: case report. *Cell and Tissue Banking*, **2021**, 22, 479-486	2.2	2
98	Epithelial Regeneration in Human Corneas Preserved in an Active Storage Machine. *Translational Vision Science and Technology*, **2021**, 10, 31	3.3	2

97	Comparison of Corneal Endothelial Mosaic According to the Age: The CorImMo 3D Project. *Irbm*, **2016**, 37, 124-130	4.8	1
96	3D Images of the Endothelial Surface to Increase Accuracy of Cell Count in Eye Banks. *Irbm*, **2016**, 37, 98-102	4.8	1
95	Digitalization of a Wide Field Contact Specular Microscope. *Irbm*, **2016**, 37, 103-108	4.8	1
94	Synthesis of Fluorescent BODIPY-Labeled Analogue of Miltefosine for Staining of Acanthamoeba.. *ChemistrySelect*, **2018**, 3, 7674-7679	1.8	1
93	Various Approaches to the Microscopic Assessment of the Cornea, Visualization and Image Analysis of the Corneal Endothelium **2017**, 59-74		1
92	Corneal graft endothelial viability assessment using the triple labeling Hoechst/Ethidium homodimer/Calcein-AM: technical improvements usind 3D microscopy. *Acta Ophthalmologica*,85, 0-0		1
91	Revisiting corneal storage using an innovative bioreactor. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7	1
90	Worldwide Eye Banking (WEB) project: International survey of demand and supply. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7	1
89	Comparaison of two anterior segment OCT: CASIA (Tomey) versus OCT Visante (Zeiss). *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7	1
88	Upgrading wide field contact specular microscope. *Acta Ophthalmologica*, **2015**, 93, n/a-n/a	3.7	1
87	Key Role of Staphylococcal Fibronectin-Binding Proteins During the Initial Stage of Keratitis in Humans. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 745659	5.9	1
86	New Freeware for Image Analysis of Lissamine Green Conjunctival Staining. *Cornea*, **2021**, 40, 351-357	3.1	1
85	Ex vivo model of herpes simplex virus type I dendritic and geographic keratitis using a corneal active storage machine. *PLoS ONE*, **2020**, 15, e0236183	3.7	1
84	Micro-instillation of fluorescein with an inoculation loop for ocular surface staining in dry eye syndrome. *Acta Ophthalmologica*, **2018**, 96, e140-e146	3.7	1
83	In Vivo Labeling and Tracking of Proliferating Corneal Endothelial Cells by 5-Ethynyl-2'-Deoxyuridine in Rabbits. *Translational Vision Science and Technology*, **2021**, 10, 7	3.3	1
82	Conception and optimization of a corneal bioreactor. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7	0
81	Radial Endothelial Striae Over 360 Degrees in Fuchs Corneal Endothelial Dystrophy: New Pathophysiological Findings. *Cornea*, **2021**, 40, 1604-1606	3.1	0
80	First identification of ITM2B interactome in the human retina. *Scientific Reports*, **2021**, 11, 17210	4.9	0

79	Exploration of the ocular surface infection by SARS-CoV-2 and implications for corneal donation: An ex vivo study.. *PLoS Medicine*, **2022**, 19, e1003922	11.6	0
78	Specular Microscopy of Human Corneas Stored in an Active Storage Machine. *Journal of Clinical Medicine*, **2022**, 11, 3000	5.1	0
77	Tolerance to Light of Patients Suffering From Infectious Keratitis. *Cornea*, **2021**, 40, 5-11	3.1	
76	Microbiological culture and universal PCR yield after intravitreal injection of antibiotics in acute endophthalmitis following cataract surgery. *Acta Ophthalmologica*,85, 0-0		
75	PCR identification of Rhizobium radiobacter in post-operative endophthalmitis. *Acta Ophthalmologica*,85, 0-0		
74	Influence of pressure on in vitro human corneal endothelial cells derived from human induced pluripotent stem cell (hIPSC). *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
73	Spatial statistical analysis of the human corneal endothelial mosaic. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
72	Innovative, non-contact wide field imaging of corneal endothelium. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
71	Mathematical model of corneal reendothelialization after inadvertent descemetorhexis. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
70	Bioengineering of endothelial grafts using femtosecond Laser cut corneal lamellae or collagen lenticules, endothelialized with immortalized or hIPSC-derived endothelial cells. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
69	Caruncular naevi investigated by in vivo confocal microscopy: reporting the first 5 cases. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
68	3D reconstruction of corneal endothelial cell shape: new insight in structure-function relationships. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
67	In vivo confocal microscopy of mucous membrane pemphigoid, a new tool for the diagnosis. Reporting 6 cases. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
66	Corneal endothelial cells from old donors: differentiation, senescence, proliferative capacities and optimized culture conditions. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
65	3D reconstruction and segmentation methods for endothelial cell count of stored corneas. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
64	Surgeon graft less viable endothelial cells than the eye bank cell count suggests. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
63	In vivo and ex vivo confocal microscopy of eyelid melanoma: case report. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	
62	Human induced pluripotent stem cells (hiPSC)-derived endothelial cells: new opportunity for corneal bioengineering. *Acta Ophthalmologica*, **2014**, 92, 0-0	3.7	

61	Lipid and fatty acid profile of the retina, RPE/choroid and lacrimal gland, and associations with dietary fatty acids in human subjects. *Acta Ophthalmologica*,86, 0-0	3.7
60	Cell cycle genes expression in human corneal endothelium: study by microarray and qRT-PCR. *Acta Ophthalmologica*,86, 0-0	3.7
59	Development of immunostaining of cell cycle related proteins in flat mounted corneal endothelium. *Acta Ophthalmologica*,86, 0-0	3.7
58	Selection and assessment of vital dyes to improve the endothelial quality control of organ cultured corneas. *Acta Ophthalmologica*, **2008**, 86, 0-0	3.7
57	Experimental assessment of endothelial viability of grafts. *Acta Ophthalmologica*, **2009**, 87, 0-0	3.7
56	3D reconstruction of endothelial surface of organ-cultured corneas to improve their quality control. *Acta Ophthalmologica*, **2010**, 88, 0-0	3.7
55	Determination of corneal endothelial cell density in French eye banks: second look. *Acta Ophthalmologica*, **2010**, 88, 0-0	3.7
54	Coupling innovative imaging: in vivo multilaser confocal microscopy and ex vivo confocal Raman spectroscopy of cornea and skin in nephropathic cystinosis. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
53	One year stored corneas: is it possible?. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
52	Identification of label-retaining endothelial cells in adult human corneas: a new clue for the existence of endothelial stem cells. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
51	Danger of research in lasers: about two examples of retinal impacts in senior researchers. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
50	We don't graft as many endothelial cells as we think (Part 1): what early post-operative endothelial cell counts tell us. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
49	We don't graft as many endothelial cells as we think (part 2): comparison of cell loss after autograft and organ cultured allograft in the same patient. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
48	Revisiting corneal storage using a bioreactor: proof of concept. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
47	Ex vivo test bench for preclinical assessment of intra corneal new medical devices is needed more than ever. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
46	Rabbit, rat and pig corneas: main characteristics and storage in organ culture. *Acta Ophthalmologica* , **2012**, 90, 0-0	3.7
45	Comparison of decellularization methods for human corneal lenticules. *Acta Ophthalmologica*, **2012** , 90, 0-0	3.7
44	Improving DSAEK donor grafts cut using microkeratome motorization and pressure monitoring. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7

43	Study of stromal femtosecond laser ablation for deep corneal cut optimization. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
42	Delivery of molecules into corneal endothelium using nanoparticles activated by femtosecond laser pulses: proof of concept. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
41	European study on reliability assessment of endothelial cell count in eye banks: the Euro-Keratotest study. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
40	Characterization of cell cycle modifications induced by electric pulses in human corneal endothelium. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
39	Adapting a dermatological multi-laser fluorescent confocal microscope for ophthalmology applications. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
38	In vivo laser scanning microscopy of cornea, conjunctiva and ocular adnexa with a handheld dermatological laser-scanning microscope: new perspectives. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
37	Endothelial cell viability of endothelial lenticules. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
36	Pan-endothelial viability assessment with the triple HEC staining of organ cultured precut DSAEK vs full thickness corneas. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
35	Fluorescence multi-laser scanning microscopy of the cornea and ocular adnexa: a new era for functional confocal microscopy in ophthalmology. *Acta Ophthalmologica*, **2012**, 90, 0-0	3.7
34	Identification of infected corneal epithelial cells using an innovative in vivo fluorescent multilaser confocal microscope: Proofs of concept. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
33	Live retinal image mosaicking during fundus examination with a computer-assisted slit-lamp prototype. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
32	Endothelial graft precutting from the epithelial and endothelial side with the femtosecond laser, on cornea stored in a new corneal bioreactor. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
31	First outcomes of silicon rod frontalis suspension prospective follow-up in congenital blepharoptosis. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
30	Femtosecond laser cutting of multiple ultrathin corneal stromal lamellae for endothelial graft bioengineering. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
29	Mohs surgery of eyelid tumours assisted by ex vivo confocal microscopy and a new Open book method for tissue preparation. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
28	Endothelial and stromal quality control of corneas stored in an innovative bioreactor. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
27	Anatomical and visual outcome after pars plana vitrectomy in acute postcataract endophthalmitis. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
26	Agreement between in vivo confocal scanning laser microscopy with a handheld microscope and histology in eyelid and conjunctival tumours. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7

25	Improvement of delivery of molecules into corneal endothelium using nanoparticles activated by femtosecond laser pulses. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
24	Viable endothelial cell density by triple HEC staining of a failed Descemet stripping automated endothelial keratoplasty. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
23	Optical measurement of dioptric power and transparency of cornea stored in bioreactor. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
22	Bioengineering and stem cells for corneal endothelial cell therapy. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
21	New Image Plugin for rapid and reproducible measurement of viable corneal endothelial cell density. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
20	Setting up organ-cultured corneas pre-cutting by a French blood center-eye bank. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
19	Simulation of DSAEK in a new corneal bioreactor. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
18	Corneal graft imaging by anterior segment OCT during storage in eye banks. *Acta Ophthalmologica*, **2013**, 91, 0-0	3.7
17	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital **2020**, 15, e0233392	
16	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital **2020**, 15, e0233392	
15	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital **2020**, 15, e0233392	
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12	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital **2020**, 15, e0233392	
11	Ex vivo model of herpes simplex virus type I dendritic and geographic keratitis using a corneal active storage machine **2020**, 15, e0236183	
10	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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7	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients **2020**, 15, e0240350	
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4	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients **2020**, 15, e0240350	
3	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients **2020**, 15, e0240350	
2	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients **2020**, 15, e0240350	
1	Treatment of Mechanical Corneal Wounds Emergencies during the COVID-19 Pandemic: Absorbable 10-0 Vicryl (Polyglactin 910) Sutures as a Suitable Strategy. *Journal of Personalized Medicine*, **2022**, 12, 866	3.6