

Gilles Thuret

List of Publications by Year in Descending Order

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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.

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	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
167	Treatment of Mechanical Corneal Wounds Emergencies during the COVID-19 Pandemic: Absorbable 10-0 Vicryl (Polyglactin 910) Sutures as a Suitable Strategy. <i>Journal of Personalized Medicine</i> , 2022 , 12, 866	3.6	
166	Specular Microscopy of Human Corneas Stored in an Active Storage Machine. <i>Journal of Clinical Medicine</i> , 2022 , 11, 3000	5.1	0
165	Key Role of Staphylococcal Fibronectin-Binding Proteins During the Initial Stage of Keratitis in Humans. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 745659	5.9	1
164	Tolerance to Light of Patients Suffering From Infectious Keratitis. <i>Cornea</i> , 2021 , 40, 5-11	3.1	
163	New Freeware for Image Analysis of Lissamine Green Conjunctival Staining. <i>Cornea</i> , 2021 , 40, 351-357	3.1	1
162	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
161	Epiretinal large disc of blue-stained lyophilized amniotic membrane to treat complex macular holes: a 1-year follow-up. <i>Acta Ophthalmologica</i> , 2021 ,	3.7	4
160	Detection of refractive photokeratectomy traces during eye banking: impossible with organ culture but possible with an active storage machine: case report. <i>Cell and Tissue Banking</i> , 2021 , 22, 479-486	2.2	2
159	Epithelial Regeneration in Human Corneas Preserved in an Active Storage Machine. <i>Translational Vision Science and Technology</i> , 2021 , 10, 31	3.3	2
158	Radial Endothelial Striae Over 360 Degrees in Fuchs Corneal Endothelial Dystrophy: New Pathophysiological Findings. <i>Cornea</i> , 2021 , 40, 1604-1606	3.1	0
157	Approaches for corneal endothelium regenerative medicine. <i>Progress in Retinal and Eye Research</i> , 2021 , 100987	20.5	4
156	First identification of ITM2B interactome in the human retina. <i>Scientific Reports</i> , 2021 , 11, 17210	4.9	0
155	In Vivo Labeling and Tracking of Proliferating Corneal Endothelial Cells by 5-Ethynyl-2'-Deoxyuridine in Rabbits. <i>Translational Vision Science and Technology</i> , 2021 , 10, 7	3.3	1
154	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital. <i>PLoS ONE</i> , 2020 , 15, e0233392	3.7	4
153	Specific PCR and Quantitative Real-Time PCR in Ocular Samples from Acute and Delayed-Onset Postoperative Endophthalmitis. <i>American Journal of Ophthalmology</i> , 2020 , 212, 34-42	4.9	11
152	Three-month Storage of Human Corneas in an Active Storage Machine. <i>Transplantation</i> , 2020 , 104, 1159-1165	13.65	8

151	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients. <i>PLoS ONE</i> , 2020 , 15, e0240350	3.7	7
150	One threat, different answers: the impact of COVID-19 pandemic on cornea donation and donor selection across Europe. <i>British Journal of Ophthalmology</i> , 2020 ,	5.5	14
149	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
148	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital 2020 , 15, e0233392		
147	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital 2020 , 15, e0233392		
146	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital 2020 , 15, e0233392		
145	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital 2020 , 15, e0233392		
144	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital 2020 , 15, e0233392		
143	Corneal donation for research versus for transplantation: A-year prospective study of acceptance rates in a French University Hospital 2020 , 15, e0233392		
142	Ex vivo model of herpes simplex virus type I dendritic and geographic keratitis using a corneal active storage machine 2020 , 15, e0236183		
141	Ex vivo model of herpes simplex virus type I dendritic and geographic keratitis using a corneal active storage machine 2020 , 15, e0236183		
140	Ex vivo model of herpes simplex virus type I dendritic and geographic keratitis using a corneal active storage machine 2020 , 15, e0236183		
139	Ex vivo model of herpes simplex virus type I dendritic and geographic keratitis using a corneal active storage machine 2020 , 15, e0236183		
138	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients 2020 , 15, e0240350		
137	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients 2020 , 15, e0240350		
136	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients 2020 , 15, e0240350		
135	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients 2020 , 15, e0240350		
134	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients 2020 , 15, e0240350		

133	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients 2020 , 15, e0240350		
132	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
131	Phacoemulsification And Zonular Weakness: Contribution Of The Capsular Tension Ring With A Thread. <i>Clinical Ophthalmology</i> , 2019 , 13, 2301-2304	2.5	4
130	Innovative corneal active storage machine for long-term eye banking. <i>American Journal of Transplantation</i> , 2019 , 19, 1641-1651	8.7	14
129	How transparent film applied on dermatologic imaging devices in order to prevent infections affects image quality?. <i>Skin Research and Technology</i> , 2019 , 25, 229-233	1.9	2
128	Transplantation Blues: Inadvertent Staining of Amyloid Deposits With Trypan Blue. <i>Cornea</i> , 2018 , 37, 824-828	3.1	2
127	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
126	Synthesis of Fluorescent BODIPY-Labeled Analogue of Miltefosine for Staining of Acanthamoeba.. <i>ChemistrySelect</i> , 2018 , 3, 7674-7679	1.8	1
125	Micro-instillation of fluorescein with an inoculation loop for ocular surface staining in dry eye syndrome. <i>Acta Ophthalmologica</i> , 2018 , 96, e140-e146	3.7	1
124	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
123	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
122	Longitudinal study of retinal status using optical coherence tomography after acute onset endophthalmitis following cataract surgery. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1211-1216	5.5	5
121	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
120	Storage of Porcine Cornea in an Innovative Bioreactor 2017 , 58, 5907-5917		17
119	Various Approaches to the Microscopic Assessment of the Cornea, Visualization and Image Analysis of the Corneal Endothelium 2017 , 59-74		1
118	Comparison of four methods of surface roughness assessment of corneal stromal bed after lamellar cutting. <i>Biomedical Optics Express</i> , 2017 , 8, 4974-4986	3.5	7
117	Comparison of Corneal Endothelial Mosaic According to the Age: The CorImMo 3D Project. <i>Irbm</i> , 2016 , 37, 124-130	4.8	1
116	3D Images of the Endothelial Surface to Increase Accuracy of Cell Count in Eye Banks. <i>Irbm</i> , 2016 , 37, 98-102	4.8	1

115	Occurrence and risk factors for retinal detachment after pars plana vitrectomy in acute postcataract bacterial endophthalmitis. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1388-92	5.5	16
114	Global Survey of Corneal Transplantation and Eye Banking. <i>JAMA Ophthalmology</i> , 2016 , 134, 167-73	3.9	612
113	Digitalization of a Wide Field Contact Specular Microscope. <i>Irbm</i> , 2016 , 37, 103-108	4.8	1
112	Early versus delayed intravitreal betamethasone as an adjuvant in the treatment of presumed postoperative endophthalmitis: a randomised trial. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1076-80	5.5	5
111	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
110	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
109	Cutting and Decellularization of Multiple Corneal Stromal Lamellae for the Bioengineering of Endothelial Grafts 2016 , 57, 6639-6651		28
108	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
107	3D map of the human corneal endothelial cell. <i>Scientific Reports</i> , 2016 , 6, 29047	4.9	42
106	The role of in vivo confocal microscopy in the diagnosis of eyelid margin tumors: reply from the authors. <i>Journal of the American Academy of Dermatology</i> , 2015 , 72, e123	4.5	2
105	Femtosecond laser cutting of multiple thin corneal stromal lamellae for endothelial bioengineering. <i>Cornea</i> , 2015 , 34, 218-24	3.1	4
104	Assessing microstructures of the cornea with Gabor-domain optical coherence microscopy: pathway for corneal physiology and diseases. <i>Optics Letters</i> , 2015 , 40, 1113-6	3	20
103	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
102	Corneal endothelium self-healing mathematical model after inadvertent descemetorhexis. <i>Journal of Cataract and Refractive Surgery</i> , 2015 , 41, 2313-8	2.3	11
101	Handheld reflectance confocal microscopy for the diagnosis of conjunctival tumors. <i>American Journal of Ophthalmology</i> , 2015 , 159, 324-33.e1	4.9	17
100	Upgrading wide field contact specular microscope. <i>Acta Ophthalmologica</i> , 2015 , 93, n/a-n/a	3.7	1
99	Optimization of immunostaining on flat-mounted human corneas. <i>Molecular Vision</i> , 2015 , 21, 1345-56	2.3	16
98	The role of in vivo confocal microscopy in the diagnosis of eyelid margin tumors: 47 cases. <i>Journal of the American Academy of Dermatology</i> , 2014 , 71, 912-918.e2	4.5	30

97	Non-invasive measurement of transparency, arcus senilis, and scleral rim diameter of corneas during eye banking. <i>Cell and Tissue Banking</i> , 2014 , 15, 471-82	2.2	7
96	Microarray analysis of cell cycle gene expression in adult human corneal endothelial cells. <i>PLoS ONE</i> , 2014 , 9, e94349	3.7	8
95	Very early endothelial cell loss after simultaneous corneal autograft and allograft. <i>Cornea</i> , 2014 , 33, 201-6	3.1	5
94	Comparison of endothelial cell density of organ cultured corneas with cornea donor study. <i>Cornea</i> , 2014 , 33, 597-603	3.1	9
93	CorneaJ: an imageJ Plugin for semi-automated measurement of corneal endothelial cell viability. <i>Cornea</i> , 2014 , 33, 604-9	3.1	16
92	Inherent errors of the fixed-frame counting method for corneal endothelial cell density in eye banks. <i>Cell and Tissue Banking</i> , 2014 , 15, 451-9	2.2	6
91	Topical treatment with a new matrix therapy agent (RGTA, CACICOL-20) improves epithelial wound healing after penetrating keratoplasty. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	2
90	Influence of pressure on in vitro human corneal endothelial cells derived from human induced pluripotent stem cell (hiPSC). <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
89	Spatial statistical analysis of the human corneal endothelial mosaic. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
88	Innovative, non-contact wide field imaging of corneal endothelium. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
87	Mathematical model of corneal reendothelialization after inadvertent descemetorhexis. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
86	Bioengineering of endothelial grafts using femtosecond Laser cut corneal lamellae or collagen lenticules, endothelialized with immortalized or hiPSC-derived endothelial cells. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
85	Caruncular naevi investigated by in vivo confocal microscopy: reporting the first 5 cases. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
84	3D reconstruction of corneal endothelial cell shape: new insight in structure-function relationships. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
83	In vivo confocal microscopy of mucous membrane pemphigoid, a new tool for the diagnosis. Reporting 6 cases. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
82	Corneal endothelial cells from old donors: differentiation, senescence, proliferative capacities and optimized culture conditions. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
81	3D reconstruction and segmentation methods for endothelial cell count of stored corneas. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
80	Surgeon graft less viable endothelial cells than the eye bank cell count suggests. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	

79	In vivo and ex vivo confocal microscopy of eyelid melanoma: case report. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
78	Human induced pluripotent stem cells (hiPSC)-derived endothelial cells: new opportunity for corneal bioengineering. <i>Acta Ophthalmologica</i> , 2014 , 92, 0-0	3.7	
77	ROCK inhibitor enhances adhesion and wound healing of human corneal endothelial cells. <i>PLoS ONE</i> , 2013 , 8, e62095	3.7	81
76	Revisiting corneal storage using an innovative bioreactor. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	1
75	Worldwide Eye Banking (WEB) project: International survey of demand and supply. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	1
74	Comparison of two anterior segment OCT: CASIA (Tomey) versus OCT Visante (Zeiss). <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	1
73	Identification of infected corneal epithelial cells using an innovative in vivo fluorescent multilaser confocal microscope: Proofs of concept. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
72	Live retinal image mosaicking during fundus examination with a computer-assisted slit-lamp prototype. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
71	Endothelial graft precutting from the epithelial and endothelial side with the femtosecond laser, on cornea stored in a new corneal bioreactor. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
70	First outcomes of silicon rod frontalis suspension prospective follow-up in congenital blepharoptosis. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
69	Femtosecond laser cutting of multiple ultrathin corneal stromal lamellae for endothelial graft bioengineering. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
68	Mohs surgery of eyelid tumours assisted by ex vivo confocal microscopy and a new 'open book' method for tissue preparation. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
67	Endothelial and stromal quality control of corneas stored in an innovative bioreactor. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
66	Anatomical and visual outcome after pars plana vitrectomy in acute postcataract endophthalmitis. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
65	Agreement between in vivo confocal scanning laser microscopy with a handheld microscope and histology in eyelid and conjunctival tumours. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
64	Improvement of delivery of molecules into corneal endothelium using nanoparticles activated by femtosecond laser pulses. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	
63	Conception and optimization of a corneal bioreactor. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	0
62	Viable endothelial cell density by triple HEC staining of a failed Descemet stripping automated endothelial keratoplasty. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3.7	

61	Optical measurement of dioptric power and transparency of cornea stored in bioreactor. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3-7	
60	Bioengineering and stem cells for corneal endothelial cell therapy. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3-7	
59	New Image Plugin for rapid and reproducible measurement of viable corneal endothelial cell density. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3-7	
58	Setting up organ-cultured corneas pre-cutting by a French blood center-eye bank. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3-7	
57	Simulation of DSAEK in a new corneal bioreactor. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3-7	
56	Corneal graft imaging by anterior segment OCT during storage in eye banks. <i>Acta Ophthalmologica</i> , 2013 , 91, 0-0	3-7	
55	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
54	Poloxamines for deswelling of organ-cultured corneas. <i>Ophthalmic Research</i> , 2012 , 48, 124-33	2.9	12
53	Fabrication of optical mosaics mimicking human corneal endothelium for the training and assessment of eye bank technicians. <i>Optics Letters</i> , 2012 , 37, 22-4	3	9
52	Coupling innovative imaging: in vivo multilaser confocal microscopy and ex vivo confocal Raman spectroscopy of cornea and skin in nephropathic cystinosis. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
51	One year stored corneas: is it possible?. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
50	Identification of label-retaining endothelial cells in adult human corneas: a new clue for the existence of endothelial stem cells. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
49	Danger of research in lasers: about two examples of retinal impacts in senior researchers. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
48	We don't graft as many endothelial cells as we think (Part 1): what early post-operative endothelial cell counts tell us. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
47	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. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
46	Revisiting corneal storage using a bioreactor: proof of concept. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
45	Ex vivo test bench for preclinical assessment of intra corneal new medical devices is needed more than ever. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
44	Rabbit, rat and pig corneas: main characteristics and storage in organ culture. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	

43	Comparison of decellularization methods for human corneal lenticules. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
42	Improving DSAEK donor grafts cut using microkeratome motorization and pressure monitoring. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
41	Study of stromal femtosecond laser ablation for deep corneal cut optimization. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
40	Delivery of molecules into corneal endothelium using nanoparticles activated by femtosecond laser pulses: proof of concept. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
39	European study on reliability assessment of endothelial cell count in eye banks: the Euro-Keratotest study. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
38	Characterization of cell cycle modifications induced by electric pulses in human corneal endothelium. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
37	Adapting a dermatological multi-laser fluorescent confocal microscope for ophthalmology applications. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
36	In vivo laser scanning microscopy of cornea, conjunctiva and ocular adnexa with a handheld dermatological laser-scanning microscope: new perspectives. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
35	Endothelial cell viability of endothelial lenticules. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
34	Pan-endothelial viability assessment with the triple HEC staining of organ cultured pre-cut DSAEK vs full thickness corneas. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
33	Fluorescence multi-laser scanning microscopy of the cornea and ocular adnexa: a new era for functional confocal microscopy in ophthalmology. <i>Acta Ophthalmologica</i> , 2012 , 90, 0-0	3-7	
32	Pan-corneal endothelial viability assessment: application to endothelial grafts predissected by eye banks 2011 , 52, 6018-25		47
31	Optimization of immunolocalization of cell cycle proteins in human corneal endothelial cells. <i>Molecular Vision</i> , 2011 , 17, 3494-511	2-3	21
30	Endothelial morphometry by image analysis of corneas organ cultured at 31 degrees C 2010 , 51, 1356-64		15
29	Ex vivo gene electrotransfer to the endothelium of organ cultured human corneas. <i>Ophthalmic Research</i> , 2010 , 43, 43-55	2-9	17
28	Interfaces detection after corneal refractive surgery by low coherence optical interferometry. <i>Biomedical Optics Express</i> , 2010 , 1, 1460-1471	3-5	2
27	3D reconstruction of endothelial surface of organ-cultured corneas to improve their quality control. <i>Acta Ophthalmologica</i> , 2010 , 88, 0-0	3-7	
26	Determination of corneal endothelial cell density in French eye banks: second look. <i>Acta Ophthalmologica</i> , 2010 , 88, 0-0	3-7	

25	Experimental assessment of endothelial viability of grafts. <i>Acta Ophthalmologica</i> , 2009 , 87, 0-0	3.7	
24	Use of poloxamers for deswelling of organ-cultured corneas. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 550-9		25
23	Eubacterial PCR for bacterial detection and identification in 100 acute postcataract surgery endophthalmitis. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 1971-8		92
22	Selection and assessment of vital dyes to improve the endothelial quality control of organ cultured corneas. <i>Acta Ophthalmologica</i> , 2008 , 86, 0-0	3.7	
21	Comparison of two semiautomated methods for evaluating endothelial cells of eye bank corneas. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 3077-82		22
20	Reproducibility of endothelial assessment during corneal organ culture: comparison of a computer-assisted analyzer with manual methods. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 2062-7		26
19	Standard microlithographic mosaics to assess endothelial cell counting methods by light microscopy in eye banks using organ culture. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 4373-7		18
18	Animal compound-free medium and poloxamer for human corneal organ culture and deswelling. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 816-22		48
17	Efficiency of blood culture bottles for the fungal sterility testing of corneal organ culture media. <i>British Journal of Ophthalmology</i> , 2005 , 89, 586-90	5.5	27
16	Controlled study of the influence of storage medium type on endothelial assessment during corneal organ culture. <i>British Journal of Ophthalmology</i> , 2004 , 88, 579-81	5.5	5
15	Urgent need for normalization of corneal graft quality controls in French eye banks. <i>Transplantation</i> , 2004 , 78, 1299-302	1.8	17
14	Prospective, randomized clinical and endothelial evaluation of 2 storage times for cornea donor tissue in organ culture at 31 degrees C. <i>JAMA Ophthalmology</i> , 2003 , 121, 442-50		38
13	Is manual counting of corneal endothelial cell density in eye banks still acceptable? The French experience. <i>British Journal of Ophthalmology</i> , 2003 , 87, 1481-6	5.5	27
12	Value of two mortality assessment techniques for organ cultured corneal endothelium: trypan blue versus TUNEL technique. <i>British Journal of Ophthalmology</i> , 2002 , 86, 306-10	5.5	37
11	Sensitivity and rapidity of blood culture bottles in the detection of cornea organ culture media contamination by bacteria and fungi. <i>British Journal of Ophthalmology</i> , 2002 , 86, 1422-7	5.5	28
10	Automated tri-image analysis of stored corneal endothelium. <i>British Journal of Ophthalmology</i> , 2002 , 86, 801-8	5.5	35
9	Obtaining cornea donation consent by telephone. <i>Transplantation</i> , 2002 , 73, 926-9	1.8	22
8	Use of a pair of blood culture bottles for sterility testing of corneal organ culture media. <i>British Journal of Ophthalmology</i> , 2001 , 85, 1158-62	5.5	21

7	In situ immunohistochemical study of Bcl-2 and heat shock proteins in human corneal endothelial cells during corneal storage. <i>British Journal of Ophthalmology</i> , 2001 , 85, 996-1000	5-5	16
6	Corneal graft endothelial viability assessment using the triple labeling Hoechst/Ethidium homodimer/Calcein-AM: technical improvements using 3D microscopy. <i>Acta Ophthalmologica</i> , 85, 0-0		1
5	Microbiological culture and universal PCR yield after intravitreal injection of antibiotics in acute endophthalmitis following cataract surgery. <i>Acta Ophthalmologica</i> , 85, 0-0		
4	PCR identification of <i>Rhizobium radiobacter</i> in post-operative endophthalmitis. <i>Acta Ophthalmologica</i> , 85, 0-0		
3	Lipid and fatty acid profile of the retina, RPE/choroid and lacrimal gland, and associations with dietary fatty acids in human subjects. <i>Acta Ophthalmologica</i> , 86, 0-0	3-7	
2	Cell cycle genes expression in human corneal endothelium: study by microarray and qRT-PCR. <i>Acta Ophthalmologica</i> , 86, 0-0	3-7	
1	Development of immunostaining of cell cycle related proteins in flat mounted corneal endothelium. <i>Acta Ophthalmologica</i> , 86, 0-0	3-7	