

Gilles Thuret

List of Publications by Year in descending order

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Version: 2024-02-01

184
papers

2,734
citations

361045

20
h-index

223531

46
g-index

225
all docs

225
docs citations

225
times ranked

2407
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	Eubacterial PCR for Bacterial Detection and Identification in 100 Acute Postcataract Surgery Endophthalmitis. , 2008, 49, 1971.		115
4	ROCK Inhibitor Enhances Adhesion and Wound Healing of Human Corneal Endothelial Cells. PLoS ONE, 2013, 8, e62095.	1.1	111
5	3D map of the human corneal endothelial cell. Scientific Reports, 2016, 6, 29047.	1.6	67
6	Pan-Corneal Endothelial Viability Assessment: Application to Endothelial Grafts Predissected by Eye Banks. , 2011, 52, 6018.		52
7	Animal Compound-Free Medium and Poloxamer for Human Corneal Organ Culture and Deswelling. , 2005, 46, 816.		51
8	Value of two mortality assessment techniques for organ cultured corneal endothelium: trypan blue versus TUNEL technique. British Journal of Ophthalmology, 2002, 86, 306-310.	2.1	50
9	Automated tri-image analysis of stored corneal endothelium. British Journal of Ophthalmology, 2002, 86, 801-808.	2.1	49
10	Prospective, Randomized Clinical and Endothelial Evaluation of 2 Storage Times for Corneal Donor Tissue in Organ Culture at 31°C. JAMA Ophthalmology, 2003, 121, 442.	2.6	43
11	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.	0.6	40
12	Cutting and Decellularization of Multiple Corneal Stromal Lamellae for the Bioengineering of Endothelial Grafts. , 2016, 57, 6639.		37
13	Is manual counting of corneal endothelial cell density in eye banks still acceptable? The French experience. British Journal of Ophthalmology, 2003, 87, 1481-1486.	2.1	35
14	Approaches for corneal endothelium regenerative medicine. Progress in Retinal and Eye Research, 2022, 87, 100987.	7.3	35
15	Efficiency of blood culture bottles for the fungal sterility testing of corneal organ culture media. British Journal of Ophthalmology, 2005, 89, 586-590.	2.1	33
16	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, 1422-1427.	2.1	32
17	Reproducibility of Endothelial Assessment during Corneal Organ Culture: Comparison of a Computer-Assisted Analyzer with Manual Methods. , 2007, 48, 2062.		31
18	One threat, different answers: the impact of COVID-19 pandemic on cornea donation and donor selection across Europe. British Journal of Ophthalmology, 2022, 106, 312-318.	2.1	31

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19	Assessing microstructures of the cornea with Gabor-domain optical coherence microscopy: pathway for corneal physiology and diseases. <i>Optics Letters</i> , 2015, 40, 1113.	1.7	29
20	Obtaining cornea donation consent by telephone. <i>Transplantation</i> , 2002, 73, 926-929.	0.5	28
21	Handheld Reflectance Confocal Microscopy for the Diagnosis of Conjunctival Tumors. <i>American Journal of Ophthalmology</i> , 2015, 159, 324-333.e1.	1.7	28
22	Use of Poloxamers for Deswelling of Organ-Cultured Corneas. , 2008, 49, 550.		27
23	Occurrence and risk factors for retinal detachment after pars plana vitrectomy in acute postcataract bacterial endophthalmitis. <i>British Journal of Ophthalmology</i> , 2016, 100, 1388-1392.	2.1	27
24	Use of a pair of blood culture bottles for sterility testing of corneal organ culture media. <i>British Journal of Ophthalmology</i> , 2001, 85, 1158-1162.	2.1	26
25	Urgent Need for Normalization of Corneal Graft Quality Controls in French Eye Banks. <i>Transplantation</i> , 2004, 78, 1299-1302.	0.5	24
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.	1.1	24
27	Comparison of Two Semiautomated Methods for Evaluating Endothelial Cells of Eye Bank Corneas. , 2007, 48, 3077.		23
28	Storage of Porcine Cornea in an Innovative Bioreactor. , 2017, 58, 5907.		22
29	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.	1.7	22
30	Optimization of immunolocalization of cell cycle proteins in human corneal endothelial cells. <i>Molecular Vision</i> , 2011, 17, 3494-511.	1.1	22
31	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.	2.1	20
32	Ex vivo Gene Electrotransfer to the Endothelium of Organ Cultured Human Corneas. <i>Ophthalmic Research</i> , 2010, 43, 43-55.	1.0	20
33	Optimization of immunostaining on flat-mounted human corneas. <i>Molecular Vision</i> , 2015, 21, 1345-56.	1.1	20
34	Standard Microlithographic Mosaics to Assess Endothelial Cell Counting Methods by Light Microscopy in Eye Banks Using Organ Culture. , 2006, 47, 4373.		18
35	Endothelial Morphometry by Image Analysis of Corneas Organ Cultured at 31°C. , 2010, 51, 1356.		18
36	Cornea]. <i>Cornea</i> , 2014, 33, 604-609.	0.9	18

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37	Corneal endothelium self-healing mathematical model after inadvertent descemetorhexis. <i>Journal of Cataract and Refractive Surgery</i> , 2015, 41, 2313-2318.	0.7	18
38	Innovative corneal active storage machine for long-term eye banking. <i>American Journal of Transplantation</i> , 2019, 19, 1641-1651.	2.6	17
39	Using Optical Quality Analysis System for predicting surgical parameters in age-related cataract patients. <i>PLoS ONE</i> , 2020, 15, e0240350.	1.1	16
40	Poloxamines for Deswelling of Organ-Cultured Corneas. <i>Ophthalmic Research</i> , 2012, 48, 124-133.	1.0	14
41	Microarray Analysis of Cell Cycle Gene Expression in Adult Human Corneal Endothelial Cells. <i>PLoS ONE</i> , 2014, 9, e94349.	1.1	14
42	Three-month Storage of Human Corneas in an Active Storage Machine. <i>Transplantation</i> , 2020, 104, 1159-1165.	0.5	13
43	Comparison of Endothelial Cell Density of Organ Cultured Corneas With Cornea Donor Study. <i>Cornea</i> , 2014, 33, 597-603.	0.9	12
44	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, 1151-1156.	2.1	12
45	Very early endothelial cell loss after penetrating keratoplasty with organ-cultured corneas. <i>British Journal of Ophthalmology</i> , 2017, 101, 1113-1118.	2.1	12
46	Comparison of four methods of surface roughness assessment of corneal stromal bed after lamellar cutting. <i>Biomedical Optics Express</i> , 2017, 8, 4974.	1.5	12
47	Delivery of Molecules into Human Corneal Endothelial Cells by Carbon Nanoparticles Activated by Femtosecond Laser. <i>PLoS ONE</i> , 2015, 10, e0132023.	1.1	11
48	Epiretinal large disc of blue-stained lyophilized amniotic membrane to treat complex macular holes: a 1-year follow-up. <i>Acta Ophthalmologica</i> , 2022, 100, .	0.6	11
49	Fabrication of optical mosaics mimicking human corneal endothelium for the training and assessment of eye bank technicians. <i>Optics Letters</i> , 2012, 37, 22.	1.7	10
50	Corneal endothelial cells possess an elaborate multipolar shape to maximize the basolateral to apical membrane area. <i>Molecular Vision</i> , 2016, 22, 31-9.	1.1	10
51	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.	3.9	10
52	Non-invasive measurement of transparency, arcus senilis, and scleral rim diameter of corneas during eye banking. <i>Cell and Tissue Banking</i> , 2014, 15, 471-482.	0.5	9
53	Corneal endothelial cell therapy: feasibility of cell culture from corneas stored in organ culture. <i>Cell and Tissue Banking</i> , 2021, 22, 551-562.	0.5	9
54	Controlled study of the influence of storage medium type on endothelial assessment during corneal organ culture. <i>British Journal of Ophthalmology</i> , 2004, 88, 579-581.	2.1	8

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55	Endothelial quality of eye bank-prestripped DMEK prepared from organ-cultured corneas with the Muraine technique. <i>Cell and Tissue Banking</i> , 2018, 19, 705-716.	0.5	8
56	Capabilities of Gabor-domain optical coherence microscopy for the assessment of corneal disease. <i>Journal of Biomedical Optics</i> , 2019, 24, 1.	1.4	8
57	Inherent errors of the fixed-frame counting method for corneal endothelial cell density in eye banks. <i>Cell and Tissue Banking</i> , 2014, 15, 451-459.	0.5	7
58	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, 1076-1080.	2.1	7
59	Phacoemulsification And Zonular Weakness: Contribution Of The Capsular Tension Ring With A Thread. <i>Clinical Ophthalmology</i> , 2019, Volume 13, 2301-2304.	0.9	7
60	Tissue engineered endothelial keratoplasty in rabbit: tips and tricks. <i>Acta Ophthalmologica</i> , 2022, 100, 690-699.	0.6	7
61	Considering 3D topography of endothelial folds to improve cell count of organ cultured corneas. <i>Cell and Tissue Banking</i> , 2017, 18, 185-191.	0.5	6
62	Immunosuppression by a subconjunctival implant releasing dexamethasone in a rabbit model of penetrating keratoplasty. <i>British Journal of Ophthalmology</i> , 2018, 102, 692-699.	2.1	6
63	Very Early Endothelial Cell Loss After Simultaneous Corneal Autograft and Allograft. <i>Cornea</i> , 2014, 33, 201-206.	0.9	5
64	Femtosecond Laser Cutting of Multiple Thin Corneal Stromal Lamellae for Endothelial Bioengineering. <i>Cornea</i> , 2015, 34, 218-224.	0.9	5
65	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.	2.1	5
66	Epithelial Regeneration in Human Corneas Preserved in an Active Storage Machine. <i>Translational Vision Science and Technology</i> , 2021, 10, 31.	1.1	5
67	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.	1.1	5
68	Microinstillation of fluorescein with an inoculation loop for ocular surface staining in dry eye syndrome. <i>Acta Ophthalmologica</i> , 2018, 96, e140-e146.	0.6	4
69	Synthesis of Fluorescent BODIPY-labeled Analogue of Miltefosine for Staining of Acanthamoeba. <i>ChemistrySelect</i> , 2018, 3, 7674-7679.	0.7	4
70	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.	1.1	4
71	Interfaces detection after corneal refractive surgery by low coherence optical interferometry. <i>Biomedical Optics Express</i> , 2010, 1, 1460.	1.5	3
72	Transplantation Blues: Inadvertent Staining of Amyloid Deposits With Trypan Blue. <i>Cornea</i> , 2018, 37, 824-828.	0.9	3

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73	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.	0.8	3
74	First identification of ITM2B interactome in the human retina. <i>Scientific Reports</i> , 2021, 11, 17210.	1.6	3
75	Dropless penetrating keratoplasty using a subconjunctival dexamethasone implant: safety pilot study. <i>British Journal of Ophthalmology</i> , 2023, 107, 181-186.	2.1	3
76	Key Role of Staphylococcal Fibronectin-Binding Proteins During the Initial Stage of <i>Staphylococcus aureus</i> Keratitis in Humans. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 745659.	1.8	3
77	Femtosecond laser-cut autologous anterior lens capsule transplantation to treat refractory macular holes. <i>Eye</i> , 2023, 37, 1073-1079.	1.1	3
78	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.	0.6	2
79	Comparison of Corneal Endothelial Mosaic According to the Age: The CorImMo 3D Project. <i>Irbm</i> , 2016, 37, 124-130.	3.7	2
80	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.	0.5	2
81	Radial Endothelial Striae Over 360 Degrees in Fuchs Corneal Endothelial Dystrophy: New Pathophysiological Findings. <i>Cornea</i> , 2021, 40, 1604-1606.	0.9	2
82	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.	1.1	2
83	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.	0.6	2
84	Who first described Descemetorhexis without endothelial keratoplasty (DWEK) for the management of Fuchs's corneal endothelial dystrophy?. <i>Journal Francais D'Ophthalmologie</i> , 2022, 45, 452-454.	0.2	2
85	3D Images of the Endothelial Surface to Increase Accuracy of Cell Count in Eye Banks. <i>Irbm</i> , 2016, 37, 98-102.	3.7	1
86	Digitalization of a Wide Field Contact Specular Microscope. <i>Irbm</i> , 2016, 37, 103-108.	3.7	1
87	Various Approaches to the Microscopic Assessment of the Cornea, Visualization and Image Analysis of the Corneal Endothelium. , 2017, , 59-74.		1
88	Corneal graft endothelial viability assessment using the triple labeling Hoechst/Ethidium homodimer/Calcein-AM: technical improvements usind 3D microscopy. <i>Acta Ophthalmologica</i> , 0, 85, 0-0.	0.4	1
89	Revisiting corneal storage using an innovative bioreactor. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	1
90	Worldwide Eye Banking (WEB) project: International survey of demand and supply. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	1

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91	Comparaison of two anterior segment OCT: CASIA (Tomey) versus OCT Visante (Zeiss). Acta Ophthalmologica, 2013, 91, 0-0.	0.6	1
92	Upgrading wide field contact specular microscope. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	1
93	European study on reliability assessment of endothelial cell count in eye banks: the Euro-Keratotest study. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	1
94	Conception and optimization of a corneal bioreactor. Acta Ophthalmologica, 2013, 91, 0-0.	0.6	1
95	New Freeware for Image Analysis of Lissamine Green Conjunctival Staining. Cornea, 2021, 40, 351-357.	0.9	1
96	Specular Microscopy of Human Corneas Stored in an Active Storage Machine. Journal of Clinical Medicine, 2022, 11, 3000.	1.0	1
97	Microbiological culture and universal PCR yield after intravitreal injection of antibiotics in acute endophthalmitis following cataract surgery. Acta Ophthalmologica, 0, 85, 0-0.	0.4	0
98	PCR identification of Rhizobium radiobacter in post-operative endophthalmitis. Acta Ophthalmologica, 0, 85, 0-0.	0.4	0
99	Lipid and fatty acid profile of the retina, RPE/choroid and lacrimal gland, and associations with dietary fatty acids in human subjects. Acta Ophthalmologica, 0, 86, 0-0.	0.6	0
100	Cell cycle genes expression in human corneal endothelium: study by microarray and qRT-PCR. Acta Ophthalmologica, 0, 86, 0-0.	0.6	0
101	Development of immunostaining of cell cycle related proteins in flat mounted corneal endothelium. Acta Ophthalmologica, 0, 86, 0-0.	0.6	0
102	Selection and assessment of vital dyes to improve the endothelial quality control of organ cultured corneas. Acta Ophthalmologica, 2008, 86, 0-0.	0.6	0
103	Experimental assessment of endothelial viability of grafts. Acta Ophthalmologica, 2009, 87, 0-0.	0.6	0
104	3D reconstruction of endothelial surface of organ-cultured corneas to improve their quality control. Acta Ophthalmologica, 2010, 88, 0-0.	0.6	0
105	Determination of corneal endothelial cell density in French eye banks: second look. Acta Ophthalmologica, 2010, 88, 0-0.	0.6	0
106	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.	0.6	0
107	One year stored corneas: is it possible?. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
108	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.	0.6	0

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109	Danger of research in lasers: about two examples of retinal impacts in senior researchers. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
110	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.	0.6	0
111	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.	0.6	0
112	Revisiting corneal storage using a bioreactor: proof of concept. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
113	Ex vivo test bench for preclinical assessment of intra corneal new medical devices is needed more than ever. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
114	Rabbit, rat and pig corneas: main characteristics and storage in organ culture. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
115	Comparison of decellularization methods for human corneal lenticules. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
116	Improving DSAEK donor grafts cut using microkeratome motorization and pressure monitoring. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
117	Study of stromal femtosecond laser ablation for deep corneal cut optimization. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
118	Delivery of molecules into corneal endothelium using nanoparticles activated by femtosecond laser pulses: proof of concept. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
119	Characterization of cell cycle modifications induced by electric pulses in human corneal endothelium. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
120	Adapting a dermatological multi-laser fluorescent confocal microscope for ophthalmology applications. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
121	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.	0.6	0
122	Endothelial cell viability of endothelial lenticules. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
123	Pan-endothelial viability assessment with the triple HEC staining of organ cultured pre-cut DSAEK vs full thickness corneas. Acta Ophthalmologica, 2012, 90, 0-0.	0.6	0
124	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.	0.6	0
125	Identification of infected corneal epithelial cells using an innovative in vivo fluorescent multilaser confocal microscope: Proofs of concept. Acta Ophthalmologica, 2013, 91, 0-0.	0.6	0
126	Live retinal image mosaicking during fundus examination with a computer-assisted slit-lamp prototype. Acta Ophthalmologica, 2013, 91, 0-0.	0.6	0

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127	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.	0.6	0
128	First outcomes of silicon rod frontalis suspension prospective follow-up in congenital blepharoptosis. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
129	Femtosecond laser cutting of multiple ultrathin corneal stromal lamellae for endothelial graft bioengineering. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
130	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.	0.6	0
131	Endothelial and stromal quality control of corneas stored in an innovative bioreactor. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
132	Anatomical and visual outcome after pars plana vitrectomy in acute postcataract endophthalmitis. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
133	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.	0.6	0
134	Improvement of delivery of molecules into corneal endothelium using nanoparticles activated by femtosecond laser pulses. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
135	Viable endothelial cell density by triple HEC staining of a failed Descemet stripping automated endothelial keratoplasty. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
136	Optical measurement of dioptric power and transparency of cornea stored in bioreactor. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
137	Bioengineering and stem cells for corneal endothelial cell therapy. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
138	New Image Plugin for rapid and reproducible measurement of viable corneal endothelial cell density. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
139	Setting up organ-cultured corneas pre-cutting by a French blood center-eye bank. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
140	Simulation of DSAEK in a new corneal bioreactor. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
141	Corneal graft imaging by anterior segment OCT during storage in eye banks. <i>Acta Ophthalmologica</i> , 2013, 91, 0-0.	0.6	0
142	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.	0.6	0
143	Spatial statistical analysis of the human corneal endothelial mosaic. <i>Acta Ophthalmologica</i> , 2014, 92, 0-0.	0.6	0
144	Innovative, non-contact wide field imaging of corneal endothelium. <i>Acta Ophthalmologica</i> , 2014, 92, 0-0.	0.6	0

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145	Mathematical model of corneal reendothelialization after inadvertent descemetorhexis. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
146	Bioengineering of endothelial grafts using femtosecond Laser cut corneal lamellae or collagen lenticles, endothelialized with immortalized or hiPSC-derived endothelial cells. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
147	Caruncular naevi investigated by in vivo confocal microscopy: reporting the first 5 cases. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
148	3D reconstruction of corneal endothelial cell shape: new insight in structure-function relationships. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
149	In vivo confocal microscopy of mucous membrane pemphigoid, a new tool for the diagnosis. Reporting 6 cases. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
150	Corneal endothelial cells from old donors: differentiation, senescence, proliferative capacities and optimized culture conditions. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
151	3D reconstruction and segmentation methods for endothelial cell count of stored corneas. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
152	Surgeon graft less viable endothelial cells than the eye bank cell count suggests. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
153	In vivo and ex vivo confocal microscopy of eyelid melanoma: case report. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
154	Human induced pluripotent stem cells (hiPSC)-derived endothelial cells: new opportunity for corneal bioengineering. Acta Ophthalmologica, 2014, 92, 0-0.	0.6	0
155	Assessing the microstructures of the human cornea using Gabor-Domain optical coherence microscopy with large field of view and high resolution. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	0
156	Designing an innovative bioreactor destined to improve the endothelial viability of stored corneas. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	0
157	Long term outcomes in a real life setting treatment by anti-vascular endothelial growth factor for wet age-related macular degeneration. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	0
158	New management of peri-ocular basal cell carcinoma using in vivo and ex vivo confocal microscopes. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	0
159	New device to appanate full thickness eyelid tumours for ex vivo confocal microscopy. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	0
160	Recent advantages in the imaging of human corneal endothelial cells. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	0
161	Assessment of the size spectrum of epithelial lesions of punctuate superficial keratitis during dry eye. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	0
162	Assessment of the performances of a handheld in vivo confocal microscope for the analysis of human corneal innervation. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	0

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163	Pore size assessment during corneal endothelial cell permeabilization by femtosecond laser-activated carbon nanoparticles. <i>Acta Ophthalmologica</i> , 2015, 93, n/a-n/a.	0.6	0
164	Transfer of molecules into the endothelial cells of whole human corneas using carbon nanoparticles activated by femtosecond laser. <i>Acta Ophthalmologica</i> , 2015, 93, n/a-n/a.	0.6	0
165	Improving the overall diagnosis of eyelid margin tumours with in vivo reflectance confocal microscopy. <i>Acta Ophthalmologica</i> , 2015, 93, n/a-n/a.	0.6	0
166	New insights into the proliferative capacities of rabbit corneal endothelial cells. <i>Acta Ophthalmologica</i> , 2015, 93, n/a-n/a.	0.6	0
167	Tolerance to Light of Patients Suffering From Infectious Keratitis. <i>Cornea</i> , 2021, 40, 5-11.	0.9	0
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181	Title is missing!., 2020, 15, e0240350.		0
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184	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.	1.1	0