

Diego Ponzin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5285708/diego-ponzin-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

132
papers

2,796
citations

28
h-index

49
g-index

142
ext. papers

3,358
ext. citations

4.1
avg, IF

4.98
L-index

#	Paper	IF	Citations
132	Delivering Endothelial Keratoplasty Grafts: Modern Day Transplant Devices.. <i>Current Eye Research</i> , 2022 , 1-12	2.9	1
131	Tracing the SARS-CoV-2 infection on the ocular surface: Overview and preliminary corneoscleral transcriptome sequencing.. <i>Experimental Eye Research</i> , 2022 , 217, 108975	3.7	
130	Cryopreservation of human amniotic membrane for ocular surface reconstruction: a comparison between protocols.. <i>Cell and Tissue Banking</i> , 2022 , 1	2.2	1
129	Detection of severe acute respiratory syndrome coronavirus 2 in corneas from asymptomatic donors. <i>Acta Ophthalmologica</i> , 2021 , 99, e1245-e1246	3.7	2
128	Human corneal endothelial cells from older donors can be cultured and passaged on cell-derived extracellular matrix. <i>Acta Ophthalmologica</i> , 2021 , 99, e512-e522	3.7	3
127	Preloaded Descemet Membrane Endothelial Keratoplasty Grafts With Endothelium Outward: A Cross-Country Validation Study of the DMEK Rapid Device. <i>Cornea</i> , 2021 , 40, 484-490	3.1	2
126	Gram stain and addition of amphotericin B to improve the microbial safety of human donor corneas. <i>Cell and Tissue Banking</i> , 2021 , 1	2.2	1
125	Gender matching did not affect 2-year rejection or failure rates following DSAEK for Fuchs endothelial corneal dystrophy. <i>American Journal of Ophthalmology</i> , 2021 ,	4.9	2
124	Critical pathway for deceased tissue donation: a novel adaptative European systematic approach. <i>Transplant International</i> , 2021 , 34, 865-871	3	0
123	Ultra-thin DSAEK using an innovative artificial anterior chamber pressuriser: a proof-of-concept study. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2021 , 259, 1871-1877	3.8	0
122	A Novel Phenotype of Junctional Epidermolysis Bullosa with Transient Skin Fragility and Predominant Ocular Involvement Responsive to Human Amniotic Membrane Eyedrops. <i>Genes</i> , 2021 , 12,	4.2	1
121	Corneal transplant during COVID-19 pandemic: the Italian Eye Bank national report. <i>Cell and Tissue Banking</i> , 2021 , 22, 697-702	2.2	6
120	Guttae-like changes post Descemet membrane endothelial keratoplasty. <i>Canadian Journal of Ophthalmology</i> , 2021 , 56, e191-e194	1.4	
119	Synthetic media for preservation of corneal tissues deemed for endothelial keratoplasty and endothelial cell culture. <i>Acta Ophthalmologica</i> , 2021 , 99, 314-325	3.7	3
118	Corneal storage methods: considerations and impact on surgical outcomes. <i>Expert Review of Ophthalmology</i> , 2021 , 16, 1-9	1.5	2
117	A new standardized immunofluorescence method for potency quantification (SMPQ) of human conjunctival cell cultures. <i>Cell and Tissue Banking</i> , 2021 , 22, 145-159	2.2	
116	Gender medicine in corneal transplantation: influence of sex mismatch on rejection episodes and graft survival in a prospective cohort of patients. <i>Cell and Tissue Banking</i> , 2021 , 22, 47-56	2.2	2

115	Biobanking corneal tissues for emergency procedures during COVID-19 era. <i>Indian Journal of Ophthalmology</i> , 2021 , 69, 167-168	1.6	3
114	Biomaterials for corneal endothelial cell culture and tissue engineering. <i>Journal of Tissue Engineering</i> , 2021 , 12, 2041731421990536	7.5	7
113	Cost analysis of eye bank versus surgeon prepared endothelial grafts. <i>BMC Health Services Research</i> , 2021 , 21, 801	2.9	1
112	Ultrastructural Analysis of Rehydrated Human Donor Corneas After Air-Drying and Dissection by Femtosecond Laser.. <i>Frontiers in Medicine</i> , 2021 , 8, 787937	4.9	0
111	Fate of endothelial cells after intrastromal implantation of Descemet® membrane-endothelial cell tissue. <i>Cell and Tissue Banking</i> , 2020 , 21, 535-545	2.2	
110	Shotgun sequencing to determine corneal infection. <i>American Journal of Ophthalmology Case Reports</i> , 2020 , 19, 100737	1.3	4
109	Banking of corneal stromal lenticules: a risk-analysis assessment with the EuroGTP II interactive tool. <i>Cell and Tissue Banking</i> , 2020 , 21, 189-204	2.2	1
108	The Influence of Speed During Stripping in Descemet Membrane Endothelial Keratoplasty Tissue Preparation. <i>Cornea</i> , 2020 , 39, 1086-1090	3.1	9
107	Next-generation sequencing for the detection of microorganisms present in human donor corneal preservation medium. <i>BMJ Open Ophthalmology</i> , 2019 , 4, e000246	3.2	12
106	New Frontiers of Corneal Gene Therapy. <i>Human Gene Therapy</i> , 2019 , 30, 923-945	4.8	12
105	Increasing Donor Endothelial Cell Pool by Culturing Cells from Discarded Pieces of Human Donor Corneas for Regenerative Treatments. <i>Journal of Ophthalmology</i> , 2019 , 2019, 2525384	2	4
104	Cross-Country Transportation Efficacy and Clinical Outcomes of Preloaded Large-Diameter Ultra-Thin Descemet Stripping Automated Endothelial Keratoplasty Grafts. <i>Cornea</i> , 2019 , 38, 30-34	3.1	12
103	Passaging capability of human corneal endothelial cells derived from old donors with and without accelerating cell attachment. <i>Experimental Eye Research</i> , 2019 , 189, 107814	3.7	15
102	Optimized Protocol for Regeneration of the Conjunctival Epithelium Using the Cell Suspension Technique. <i>Cornea</i> , 2019 , 38, 469-479	3.1	9
101	Culturing Discarded Peripheral Human Corneal Endothelial Cells From the Tissues Deemed for Preloaded DMEK Transplants. <i>Cornea</i> , 2019 , 38, 1175-1181	3.1	10
100	Human Corneal Endothelial Cell Assessment From Tissues Preserved in Serum-Based and Synthetic Storage Media. <i>Cornea</i> , 2019 , 38, 1438-1442	3.1	3
99	Biobanking of Dehydrated Human Donor Corneal Stroma to Increase the Supply of Anterior Lamellar Grafts. <i>Cornea</i> , 2019 , 38, 480-484	3.1	9
98	Inter-laboratory proficiency results of blood alcohol determinations at clinical and forensic laboratories in Italy. <i>Forensic Science International</i> , 2019 , 295, 213-218	2.6	3

97	Effects of corneal preservation conditions on human corneal endothelial cell culture. <i>Experimental Eye Research</i> , 2019 , 179, 93-101	3.7	21
96	Descemet Membrane Endothelial Keratoplasty Learning Curve for Graft Preparation in an Eye Bank Using 645 Donor Corneas. <i>Cornea</i> , 2018 , 37, 767-771	3.1	21
95	A comparative study on different Descemet membrane endothelial keratoplasty graft preparation techniques. <i>Acta Ophthalmologica</i> , 2018 , 96, e718-e726	3.7	21
94	Recombinant human serum albumin for corneal preservation. <i>Acta Ophthalmologica</i> , 2018 , 96, e79-e86	3.7	5
93	Reply. <i>Cornea</i> , 2018 , 37, e27-e28	3.1	
92	Comparison of preservation and transportation protocols for preloaded Descemet membrane endothelial keratoplasty. <i>British Journal of Ophthalmology</i> , 2018 , 102, 549-555	5.5	40
91	Graft detachment and rebubbling rate in Descemet membrane endothelial keratoplasty. <i>Survey of Ophthalmology</i> , 2018 , 63, 245-250	6.1	30
90	Simple limbal epithelial transplantation: a review on current approach and future directions. <i>Survey of Ophthalmology</i> , 2018 , 63, 869-874	6.1	12
89	Clinical Outcomes of Preloaded Descemet Membrane Endothelial Keratoplasty Grafts With Endothelium Tri-Folded Inwards. <i>American Journal of Ophthalmology</i> , 2018 , 193, 106-113	4.9	33
88	Fish Scale-Derived Scaffolds for Culturing Human Corneal Endothelial Cells. <i>Stem Cells International</i> , 2018 , 2018, 8146834	5	15
87	Safety outcomes and long-term effectiveness of ex vivo autologous cultured limbal epithelial transplantation for limbal stem cell deficiency. <i>British Journal of Ophthalmology</i> , 2017 , 101, 640-649	5.5	28
86	Ocular surface reconstruction in limbal stem cell deficiency: current treatment options and perspectives. <i>Expert Review of Ophthalmology</i> , 2017 , 12, 43-56	1.5	
85	Asymptomatic Infection in Decompensated Full-Thickness Corneal Grafts Referred for Repeat Penetrating Keratoplasty. <i>Cornea</i> , 2017 , 36, 431-433	3.1	1
84	Standardizing Descemet Membrane Endothelial Keratoplasty Graft Preparation Method in the Eye Bank-Experience of 527 Descemet Membrane Endothelial Keratoplasty Tissues. <i>Cornea</i> , 2017 , 36, 1458-1466	3.1	39
83	Avoiding Complications Associated With Preloaded Ultrathin Descemet Stripping Automated Endothelial Keratoplasty. <i>Cornea</i> , 2017 , 36, e12-e13	3.1	2
82	Endothelium-in versus endothelium-out for Descemet membrane endothelial keratoplasty graft preparation and implantation. <i>Acta Ophthalmologica</i> , 2017 , 95, 194-198	3.7	35
81	Role of dextran in maintaining adhesive and stiffness properties of prestripped DMEK lenticules. <i>European Journal of Ophthalmology</i> , 2017 , 27, 270-277	1.9	5
80	Amniotic membranes in ophthalmology: long term data on transplantation outcomes. <i>Cell and Tissue Banking</i> , 2016 , 17, 51-8	2.2	44

79	Effect of connexin 43 inhibition by the mimetic peptide Gap27 on corneal wound healing, inflammation and neovascularization. <i>British Journal of Pharmacology</i> , 2016 , 173, 2880-93	8.6	33
78	Development of a new superficial punch for Descemet's Membrane Endothelial Keratoplasty donor tissue preparation. <i>British Journal of Ophthalmology</i> , 2016 , 100, 443-5	5.5	2
77	An atlas of gene expression and gene co-regulation in the human retina. <i>Nucleic Acids Research</i> , 2016 , 44, 5773-84	20.1	44
76	High-resolution analysis of the human retina miRNome reveals isomiR variations and novel microRNAs. <i>Nucleic Acids Research</i> , 2016 , 44, 1525-40	20.1	82
75	Contact Lens-Assisted Pull-Through Technique for Delivery of Tri-Folded (Endothelium in) DMEK Grafts Minimizes Surgical Time and Cell Loss. <i>Ophthalmology</i> , 2016 , 123, 476-83	7.3	58
74	Two cases of ultrathin Descemet stripping automated endothelial keratoplasty utilizing a graft that had undergone radial keratotomy. <i>Indian Journal of Ophthalmology</i> , 2016 , 64, 162-4	1.6	3
73	Developments in Corneal Banking 2016 , 23-33		
72	Transplantation failure due to inadvertent reversal of human donor corneas. <i>European Journal of Ophthalmology</i> , 2016 , 26, e21-3	1.9	
71	Preservation of Preloaded DMEK Lenticules in Dextran and Non-Dextran-Based Organ Culture Medium. <i>Journal of Ophthalmology</i> , 2016 , 2016, 5830835	2	13
70	Correction of Mutant p63 in EEC Syndrome Using siRNA Mediated Allele-Specific Silencing Restores Defective Stem Cell Function. <i>Stem Cells</i> , 2016 , 34, 1588-600	5.8	14
69	Polarization of human donor corneas. <i>Cell and Tissue Banking</i> , 2016 , 17, 233-9	2.2	
68	Preloaded Tissues for Descemet Membrane Endothelial Keratoplasty. <i>American Journal of Ophthalmology</i> , 2016 , 166, 120-125	4.9	58
67	Personalized Stem Cell Therapy to Correct Corneal Defects Due to a Unique Homozygous-Heterozygous Mosaicism of Ectrodactyly-Ectodermal Dysplasia-Clefting Syndrome. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 1098-105	6.9	8
66	Corneal Epithelial Stem Cells Repopulate the Donor Area within 1 Year from Limbus Removal for Limbal Autograft. <i>Ophthalmology</i> , 2016 , 123, 2481-2488	7.3	15
65	In Vivo Confocal Microscopy 1 Year after Autologous Cultured Limbal Stem Cell Grafts. <i>Ophthalmology</i> , 2015 , 122, 1660-8	7.3	15
64	Inadvertent donor button inversion during big-bubble deep anterior lamellar keratoplasty. <i>Cornea</i> , 2015 , 34, 94-6	3.1	1
63	Preloaded donor corneal lenticules in a new validated 3D printed smart storage glide for Descemet stripping automated endothelial keratoplasty. <i>British Journal of Ophthalmology</i> , 2015 , 99, 1388-95	5.5	28
62	A superfusion apparatus for ex vivo human eye irritation investigations. <i>Toxicology in Vitro</i> , 2015 , 29, 1619-27	3.6	6

61	Bubble technique for Descemet membrane endothelial keratoplasty tissue preparation in an eye bank: air or liquid?. <i>Acta Ophthalmologica</i> , 2015 , 93, e129-34	3.7	18
60	Synthetic versus serum-based medium for corneal preservation in organ culture: a comparative study between 2 different media. <i>European Journal of Ophthalmology</i> , 2015 , 25, 96-100	1.9	10
59	Surgical Excision of Orbital Progressive Granular Cell Tumour. <i>Case Reports in Ophthalmological Medicine</i> , 2015 , 2015, 420490	0.7	4
58	Evaluation of Intrastromal Riboflavin Concentration in Human Corneas after Three Corneal Cross-Linking Imbibition Procedures: A Pilot Study. <i>Journal of Ophthalmology</i> , 2015 , 2015, 794256	2	15
57	Prevalence of guttae in the graft following corneal transplantation. <i>British Journal of Ophthalmology</i> , 2015 , 99, 1660-3	5.5	2
56	Biobanking of Human Retinas: The Next Big Leap for Eye Banks?. <i>Stem Cells Translational Medicine</i> , 2015 , 4, 868-72	6.9	2
55	Dry Eye and PRK 2015 , 311-316		
54	A portable device for measuring donor corneal transparency in eye banks. <i>Cell and Tissue Banking</i> , 2014 , 15, 7-13	2.2	18
53	A quantitative method to evaluate the donor corneal tissue quality used in a comparative study between two hypothermic preservation media. <i>Cell and Tissue Banking</i> , 2014 , 15, 543-54	2.2	15
52	Gene transfer of integration defective anti-HSV-1 meganuclease to human corneas ex vivo. <i>Gene Therapy</i> , 2014 , 21, 272-81	4	15
51	A validated biorepository of retina and choroid tissues for gene expression studies. <i>Biopreservation and Biobanking</i> , 2014 , 12, 255-8	2.1	3
50	DMEK lenticule preparation from donor corneas using a novel SubHySR technique followed by anterior corneal dissection. <i>British Journal of Ophthalmology</i> , 2014 , 98, 1120-5	5.5	17
49	Prognostic value of somatosensory-evoked potentials and CT scan evaluation in acute traumatic brain injury. <i>Journal of Neurosurgical Anesthesiology</i> , 2014 , 26, 299-305	3	5
48	Descemet membrane endothelial keratoplasty tissue preparation from donor corneas using a standardized submerged hydro-separation method. <i>American Journal of Ophthalmology</i> , 2014 , 158, 277-285.e144	4.9	14
47	Human RNA integrity after postmortem retinal tissue recovery. <i>Ophthalmic Genetics</i> , 2013 , 34, 27-31	1.2	6
46	Banking of donor tissues for descemet stripping automated endothelial keratoplasty. <i>Cornea</i> , 2013 , 32, 70-5	3.1	11
45	Effect of postmortem interval on the graft endothelium during preservation and after transplantation for keratoconus. <i>Cornea</i> , 2013 , 32, 842-6	3.1	5
44	Standard terminology and labeling of ocular tissue for transplantation. <i>Cornea</i> , 2013 , 32, 725-8	3.1	3

43	Evaluation of the HB&L System for the Microbiological Screening of Storage Medium for Organ-Cultured Corneas. <i>Journal of Ophthalmology</i> , 2013 , 2013, 670947	2	5
42	Posterior lamellar graft preparation: a prospective review from an eye bank on current and future aspects. <i>Journal of Ophthalmology</i> , 2013 , 2013, 769860	2	22
41	Long-term effectiveness of autologous cultured limbal stem cell grafts in patients with limbal stem cell deficiency due to chemical burns. <i>Clinical and Experimental Ophthalmology</i> , 2012 , 40, 255-67	2.4	36
40	Development of an allele-specific real-time PCR assay for discrimination and quantification of p63 R279H mutation in EEC syndrome. <i>Journal of Molecular Diagnostics</i> , 2012 , 14, 38-45	5.1	6
39	Limbal stem cell deficiency and ocular phenotype in ectrodactyly-ectodermal dysplasia-clefting syndrome caused by p63 mutations. <i>Ophthalmology</i> , 2012 , 119, 74-83	7.3	63
38	Targeting herpetic keratitis by gene therapy. <i>Journal of Ophthalmology</i> , 2012 , 2012, 594869	2	14
37	Health status and patient satisfaction after corneal graft: results from the corneal transplant epidemiological study. <i>Journal of Ophthalmology</i> , 2012 , 2012, 230641	2	6
36	Microkeratome-assisted preparation of ultrathin grafts for descemet stripping automated endothelial keratoplasty 2012 , 53, 521-4		61
35	A novel de novo missense mutation in TP63 underlying germline mosaicism in AEC syndrome: implications for recurrence risk and prenatal diagnosis. <i>American Journal of Medical Genetics, Part A</i> , 2012 , 158A, 1957-61	2.5	15
34	Targeting corneal disorders using gene therapy. <i>Expert Review of Ophthalmology</i> , 2012 , 7, 351-362	1.5	1
33	Outcomes from a modified microkeratome-assisted lamellar keratoplasty for keratoconus. <i>JAMA Ophthalmology</i> , 2012 , 130, 776-82		21
32	A simplified technique for in situ excision of cornea and evisceration of retinal tissue from human ocular globe. <i>Journal of Visualized Experiments</i> , 2012 , e3765	1.6	5
31	Microkeratome-assisted superficial anterior lamellar keratoplasty for anterior stromal corneal opacities after penetrating keratoplasty. <i>Cornea</i> , 2012 , 31, 101-5	3.1	24
30	Transcorneal suture fixation of posterior lamellar grafts in eyes with minimal or absent iris-lens diaphragm. <i>American Journal of Ophthalmology</i> , 2011 , 151, 460-4.e2	4.9	20
29	Risk factors for graft failure after penetrating keratoplasty: 5-year follow-up from the corneal transplant epidemiological study. <i>Cornea</i> , 2011 , 30, 1328-35	3.1	61
28	Retinitis pigmentosa: genes and disease mechanisms. <i>Current Genomics</i> , 2011 , 12, 238-49	2.6	349
27	Diagnosis and management of ophthalmological features in patients with mucopolysaccharidosis. <i>British Journal of Ophthalmology</i> , 2011 , 95, 613-9	5.5	42
26	Fungal keratitis following deep lamellar keratoplasty. <i>Seminars in Ophthalmology</i> , 2011 , 26, 33-5	2.4	10

25	Donor tissue preparation for Descemet membrane endothelial keratoplasty. <i>British Journal of Ophthalmology</i> , 2011 , 95, 1172-3; author reply 1173	5.5	13
24	Evaluation of ocular surface disorders: a new diagnostic tool based on impression cytology and confocal laser scanning microscopy. <i>British Journal of Ophthalmology</i> , 2010 , 94, 926-32	5.5	40
23	Localization and expression of CHST6 and keratan sulfate proteoglycans in the human cornea. <i>Experimental Eye Research</i> , 2010 , 91, 293-9	3.7	20
22	Pneumatic dissection and storage of donor endothelial tissue for Descemet membrane endothelial keratoplasty: a novel technique. <i>Ophthalmology</i> , 2010 , 117, 1517-20	7.3	66
21	Stromal support for Descemet membrane endothelial keratoplasty. <i>Ophthalmology</i> , 2010 , 117, 2273-7	7.3	34
20	Techniques for culture and assessment of limbal stem cell grafts. <i>Ocular Surface</i> , 2010 , 8, 146-53	6.5	56
19	Ocular manifestations in patients with mucopolysaccharidosis: what do we know and how can we treat?. <i>Clinical and Experimental Ophthalmology</i> , 2010 , 38, 1-1	2.4	1
18	Anatomy and physiology of the human eye: effects of mucopolysaccharidoses disease on structure and function – a review. <i>Clinical and Experimental Ophthalmology</i> , 2010 , 38, 2-11	2.4	80
17	Advances in corneal surgery and cell therapy: challenges and perspectives for eye banks. <i>Expert Review of Ophthalmology</i> , 2009 , 4, 317-329	1.5	5
16	European eye bank association. <i>Developments in Ophthalmology</i> , 2009 , 43, 15-21		7
15	Two red eyes and one asymptomatic donor. <i>Lancet, The</i> , 2009 , 374, 1792	4.0	1
14	Reconstruction of a human hemicornea through natural scaffolds compatible with the growth of corneal epithelial stem cells and stromal keratocytes. <i>Molecular Vision</i> , 2009 , 15, 2084-93	2.3	19
13	A high-resolution RNA expression atlas of retinitis pigmentosa genes in human and mouse retinas. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 2330-6		21
12	The CORTES study: corneal transplant indications and graft survival in an Italian cohort of patients. <i>Cornea</i> , 2006 , 25, 507-15	3.1	46
11	Bacterial contamination of human organ-cultured corneas. <i>Cornea</i> , 2005 , 24, 603-7	3.1	32
10	Isoforms of DeltaNp63 and the migration of ocular limbal cells in human corneal regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 9523-8	11.5	320
9	Cornea preservation in culture with bovine serum or chicken ovalbumin. <i>Cornea</i> , 2003 , 22, 254-8	3.1	11
8	Analysis of limbal stem cell deficiency by corneal impression cytology. <i>Cornea</i> , 2003 , 22, 533-8	3.1	90

7	Improved preparation and preservation of human keratoplasty lenticules. <i>Ophthalmic Research</i> , 2003 , 35, 313-8	2.9	5
6	<i>Mycobacterium chelonae</i> interface infection after endokeratoplasty. <i>American Journal of Ophthalmology</i> , 2003 , 135, 393-5	4.9	20
5	Further evaluation of amniotic membrane banking for transplantation in ocular surface diseases. <i>Cell and Tissue Banking</i> , 2001 , 2, 155-63	2.2	32
4	Antigen presentation is inhibited in vivo by betamethasone. <i>Life Sciences</i> , 1995 , 56, 1595-9	6.8	4
3	Effects of gangliosides on the expression of autoimmune demyelination in the peripheral nervous system. <i>Annals of Neurology</i> , 1991 , 30, 678-85	9.4	28
2	Ophthalmic Tissues: Specific Recovery and Processing Issues229-251		
1	The Use of Allograft Corneas and Cells in Ophthalmic Surgery278-301		