Stefano Ferrari

List of Publications by Year
in descending order

155 papers	4,869 citations	109311 35 h-index	110368 64 g-index
158 all docs	158 docs citations	158 times ranked	5198 citing authors

#	Article	IF	Citations
1	Correction of junctional epidermolysis bullosa by transplantation of genetically modified epidermal stem cells. Nature Medicine, 2006, 12, 1397-1402.	30.7	593
2	Retinitis Pigmentosa: Genes and Disease Mechanisms. Current Genomics, 2011, 12, 238-249.	1.6	507
3	Efficient gene transfer to airway epithelium using recombinant Sendai virus. Nature Biotechnology, 2000, 18, 970-973.	17.5	231
4	Barriers to and new approaches for gene therapy and gene delivery in cystic fibrosis. Advanced Drug Delivery Reviews, 2002, 54, 1373-1393.	13.7	147
5	Anatomy and physiology of the human eye: effects of mucopolysaccharidoses disease on structure and function â€“ a review. Clinical and Experimental Ophthalmology, 2010, 38, 2-11.	2.6	127
6	Mucus altering agents as adjuncts for nonviral gene transfer to airway epithelium. Gene Therapy, 2001, 8, 1380-1386.	4.5	109
7	High-resolution analysis of the human retina miRNome reveals isomiR variations and novel microRNAs. Nucleic Acids Research, 2016, 44, 1525-1540.	14.5	98
8	Polyethylenimine shows properties of interest for cystic fibrosis gene therapy. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1999, 1447, 219-225.	2.4	94
9	Limbal Stem Cell Deficiency and Ocular Phenotype in Ectrodactyly-Ectodermal Dysplasia-Clefting Syndrome Caused by p63 Mutations. Ophthalmology, 2012, 119, 74-83.	5.2	94
10	Using magnetic forces to enhance non-viral gene transfer to airway epithelium in vivo. Gene Therapy, 2006, 13, 1545-1552.	4.5	87
11	Progress and Prospects: Gene Therapy Clinical Trials (Part 2). Gene Therapy, 2007, 14, 1555-1563.	4.5	77
12	Techniques for Culture and Assessment of Limbal stem Cell Grafts. Ocular Surface, 2010, 8, 146-153.	4.4	74
13	Gene Therapy Progress and Prospects: Cystic fibrosis. Gene Therapy, 2002, 9, 1344-1350.	4.5	70
14	Preloaded Tissues for Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2016, 166, 120-125.	3.3	69
15	An atlas of gene expression and gene co-regulation in the human retina. Nucleic Acids Research, 2016, 44, 5773-5784.	14.5	65
16	Graft detachment and rebubbling rate in Descemet membrane endothelial keratoplasty. Survey of Ophthalmology, 2018, 63, 245-250.	4.0	62
17	Immunological hurdles to lung gene therapy. Clinical and Experimental Immunology, 2003, 132, 1-8.	2.6	61
18	Correction of Laminin-5 Deficiency in Human Epidermal Stem Cells by Transcriptionally Targeted Lentiviral Vectors. Molecular Therapy, 2008, 16, 1977-1985.	8.2	60

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19	Comparison of preservation and transportation protocols for preloaded Descemet membrane endothelial keratoplasty. British Journal of Ophthalmology, 2018, 102, 549-555.	3.9	58
20	Use of ultrasound to enhance nonviral lung gene transfer in vivo. Gene Therapy, 2007, 14, 768-774.	4.5	57
21	Diagnosis and management of ophthalmological features in patients with mucopolysaccharidosis. British Journal of Ophthalmology, 2011, 95, 613-619.	3.9	57
22	Q-FIHC: Quantification of fluorescence immunohistochemistry to analysep63 isoforms and cell cycle phases in human limbal stem cells. Microscopy Research and Technique, 2006, 69, 983-991.	2.2	56
23	Evaluation of ocular surface disorders: a new diagnostic tool based on impression cytology and confocal laser scanning microscopy. British Journal of Ophthalmology, 2010, 94, 926-932.	3.9	54
24	Expression ofVSX1in Human Corneal Keratocytes during Differentiation into Myofibroblasts in Response to Wound Healing. , 2006, 47, 5243.		53
25	Sendai virus-mediated CFTR gene transfer to the airway epithelium. Gene Therapy, 2007, 14, 1371-1379.	4.5	53
26	Descemet Membrane Endothelial Keratoplasty Tissue Preparation From Donor Corneas Using a Standardized Submerged Hydro-separation Method. American Journal of Ophthalmology, 2014, 158, 277-285.e1.	3.3	53
27	Standardizing Descemet Membrane Endothelial Keratoplasty Graft Preparation Method in the Eye Bankâ€"Experience of 527 Descemet Membrane Endothelial Keratoplasty Tissues. Cornea, 2017, 36, 1458-1466.	1.7	52
28	Clinical Outcomes of Preloaded Descemet Membrane Endothelial Keratoplasty Grafts With Endothelium Tri-Folded Inwards. American Journal of Ophthalmology, 2018, 193, 106-113.	3.3	52
29	A defective nontransmissible recombinant Sendai virus mediates efficient gene transfer to airway epithelium in vivo. Gene Therapy, 2004, 11, 1659-1664.	4.5	50
30	Metagenomics in ophthalmology: current findings and future prospectives. BMJ Open Ophthalmology, 2019, 4, e000248.	1.6	50
31	Endotheliumâ€in versus endotheliumâ€out for Descemet membrane endothelial keratoplasty graft preparation and implantation. Acta Ophthalmologica, 2017, 95, 194-198.	1.1	49
32	Concise Review: An Update on the Culture of Human Corneal Endothelial Cells for Transplantation. Stem Cells Translational Medicine, 2016, 5, 258-264.	3.3	44
33	Longâ€term effectiveness of autologous cultured limbal stem cell grafts in patients with limbal stem cell deficiency due to chemical burns. Clinical and Experimental Ophthalmology, 2012, 40, 255-267.	2.6	42
34	Effect of connexin 43 inhibition by the mimetic peptide Gap27 on corneal wound healing, inflammation and neovascularization. British Journal of Pharmacology, 2016, 173, 2880-2893.	5.4	41
35	A comparative study on different Descemet membrane endothelial keratoplasty graft preparation techniques. Acta Ophthalmologica, 2018, 96, e718-e726.	1.1	41
36	Safety outcomes and long-term effectiveness of ex vivo autologous cultured limbal epithelial transplantation for limbal stem cell deficiency. British Journal of Ophthalmology, 2017, 101, 640-649.	3.9	39

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37	Preloaded donor corneal lenticules in a new validated 3D printed smart storage glide for Descemet stripping automated endothelial keratoplasty. British Journal of Ophthalmology, 2015, 99, 1388-1395.	3.9	35
38	Approaches for corneal endothelium regenerative medicine. Progress in Retinal and Eye Research, 2022, 87, 100987.	15.5	35
39	Descemet Membrane Endothelial Keratoplasty Learning Curve for Graft Preparation in an Eye Bank Using 645 Donor Corneas. Cornea, 2018, 37, 767-771.	1.7	33
40	Biomaterials for corneal endothelial cell culture and tissue engineering. Journal of Tissue Engineering, 2021, 12, 204173142199053.	5.5	32
41	Gene therapy in combination with tissue engineering to treat epidermolysis bullosa. Expert Opinion on Biological Therapy, 2006, 6, 367-378.	3.1	31
42	Human Corneal Endothelial Cell Cultivation From Old Donor Corneas With Forced Attachment. Scientific Reports, 2017, 7, 142.	3.3	31
43	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.	3.9	31
44	The Nasal Epithelium as a Factory for Systemic Protein Delivery. Molecular Therapy, 2002, 5, 98-103.	8.2	30
45	Gene therapy approaches for epidermolysis bullosa. Clinics in Dermatology, 2005, 23, 430-436.	1.6	30
46	Posterior Lamellar Graft Preparation: A Prospective Review from an Eye Bank on Current and Future Aspects. Journal of Ophthalmology, 2013, 2013, 1-7.	1.3	30
47	Clinical outcomes of pre-loaded ultra-thin DSAEK and pre-loaded DMEK. BMJ Open Ophthalmology, 2020, 5, e000546.	1.6	30
48	Effects of corneal preservation conditions on human corneal endothelial cell culture. Experimental Eye Research, 2019, 179, 93-101.	2.6	28
49	Bubble technique for <scp>D</scp>escemet membrane endothelial keratoplasty tissue preparation in an eye bank: air or liquid?. Acta Ophthalmologica, 2015, 93, e129-34.	1.1	27
50	Eye bank versus surgeon prepared DMEK tissues: influence on adhesion and re-bubbling rate. British Journal of Ophthalmology, 2022, 106, 177-183.	3.9	27
51	Metagenomics in ophthalmology: Hypothesis or real prospective?. Biotechnology Reports (Amsterdam,) Tj ETQq1 1 0.784314 rgBT /Ove	4.4	25
52	A 10-year large-scale cystic fibrosis carrier screening in the Italian population. Journal of Cystic Fibrosis, 2010, 9, 29-35.	0.7	23
53	DMEK lenticule preparation from donor corneas using a novel â€˜SubHySâ€™ technique followed by anterior corneal dissection. British Journal of Ophthalmology, 2014, 98, 1120-1125.	3.9	23
54	Fish Scale-Derived Scaffolds for Culturing Human Corneal Endothelial Cells. Stem Cells International, 2018, 2018, 1-11.	2.5	23

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55	Passaging capability of human corneal endothelial cells derived from old donors with and without accelerating cell attachment. Experimental Eye Research, 2019, 189, 107814.	2.6	23
56	Localization and expression of CHST6 and keratan sulfate proteoglycans in the human cornea. Experimental Eye Research, 2010, 91, 293-299.	2.6	22
57	Corneal Epithelial Stem Cells Repopulate the Donor Area within 1 Year from Limbus Removal for Limbal Autograft. Ophthalmology, 2016, 123, 2481-2488.	5.2	22
58	Eye Banking: One Cornea for Multiple Recipients. Cornea, 2020, 39, 1599-1603.	1.7	22
59	Evaluation of Intrastromal Riboflavin Concentration in Human Corneas after Three Corneal Cross-Linking Imbibition Procedures: A Pilot Study. Journal of Ophthalmology, 2015, 2015, 1-5.	1.3	21
60	Reconstruction of a human hemicornea through natural scaffolds compatible with the growth of corneal epithelial stem cells and stromal keratocytes. Molecular Vision, 2009, 15, 2084-93.	1.1	21
61	Cross-Country Transportation Efficacy and Clinical Outcomes of Preloaded Large-Diameter Ultra-Thin Descemet Stripping Automated Endothelial Keratoplasty Grafts. Cornea, 2019, 38, 30-34.	1.7	20
62	Culturing Discarded Peripheral Human Corneal Endothelial Cells From the Tissues Deemed for Preloaded DMEK Transplants. Cornea, 2019, 38, 1175-1181.	1.7	20
63	Effect of tolerance induction to immunodominant T-cell epitopes of Sendai virus on gene expression following repeat administration to lung. Gene Therapy, 2006, 13, 449-456.	4.5	19
64	A novel de novo missense mutation in TP63 underlying germline mosaicism in AEC syndrome: Implications for recurrence risk and prenatal diagnosis. American Journal of Medical Genetics, Part A, 2012, 158A, 1957-1961.	1.2	19
65	A portable device for measuring donor corneal transparency in eye banks. Cell and Tissue Banking, 2014, 15, 7-13.	1.1	19
66	A quantitative method to evaluate the donor corneal tissue quality used in a comparative study between two hypothermic preservation media. Cell and Tissue Banking, 2014, 15, 543-554.	1.1	19
67	Simple limbal epithelial transplantation: a review on current approach and future directions. Survey of Ophthalmology, 2018, 63, 869-874.	4.0	18
68	Next-generation sequencing for the detection of microorganisms present in human donor corneal preservation medium. BMJ Open Ophthalmology, 2019, 4, e000246.	1.6	18
69	New Frontiers of Corneal Gene Therapy. Human Gene Therapy, 2019, 30, 923-945.	2.7	18
70	Optimized Protocol for Regeneration of the Conjunctival Epithelium Using the Cell Suspension Technique. Cornea, 2019, 38, 469-479.	1.7	18
71	Targeting Herpetic Keratitis by Gene Therapy. Journal of Ophthalmology, 2012, 2012, 1-14.	1.3	17
72	Gene transfer of integration defective anti-HSV-1 meganuclease to human corneas ex vivo. Gene Therapy, 2014, 21, 272-281.	4.5	17

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73	Correction of Mutant p63 in EEC Syndrome Using siRNA Mediated Allele-Specific Silencing Restores Defective Stem Cell Function. Stem Cells, 2016, 34, 1588-1600.	3.2	17
74	Preservation of Preloaded DMEK Lenticules in Dextran and Non-Dextran-Based Organ Culture Medium. Journal of Ophthalmology, 2016, 2016, 1-7.	1.3	16
75	Biobanking of Dehydrated Human Donor Corneal Stroma to Increase the Supply of Anterior Lamellar Grafts. Cornea, 2019, 38, 480-484.	1.7	15
76	Effects of intramyocardial pVEGF165 delivery on regional myocardial blood flow: evidence for a spatial â€˜deliveryâ€“efficacyâ€™ mismatch. Gene Therapy, 2004, 11, 1249-1255.	4.5	14
77	3D Microfabricated Scaffolds and Microfluidic Devices for Ocular Surface Replacement: a Review. Stem Cell Reviews and Reports, 2017, 13, 430-441.	5.6	14
78	The Influence of Speed During Stripping in Descemet Membrane Endothelial Keratoplasty Tissue Preparation. Cornea, 2020, 39, 1086-1090.	1.7	13
79	Effect of postmortem interval on the Graft Endothelium During Preservation and After Transplantation for Keratoconus. Cornea, 2013, 32, 842-846.	1.7	12
80	Increasing Donor Endothelial Cell Pool by Culturing Cells from Discarded Pieces of Human Donor Corneas for Regenerative Treatments. Journal of Ophthalmology, 2019, 2019, 1-8.	1.3	12
81	The â€œYogurtâ€•Technique for Descemet Membrane Endothelial Keratoplasty Graft Preparation: A Novel Quick and Safe Method for Both Inexperienced and Senior Surgeons. Cornea, 2020, 39, 1190-1195.	1.7	12
82	Preloaded Descemet Membrane Endothelial Keratoplasty Grafts With Endothelium Outward: A Cross-Country Validation Study of the DMEK Rapid Device. Cornea, 2021, 40, 484-490.	1.7	12
83	Towards a Gene Therapy Clinical Trial for Epidermolysis Bullosa. Reviews on Recent Clinical Trials, 2006, 1, 155-162.	0.8	11
84	Human corneal endothelial cells from older donors can be cultured and passaged on cellâ€derived extracellular matrix. Acta Ophthalmologica, 2021, 99, e512-e522.	1.1	11
85	Synthetic versus Serum-Based Medium for Corneal Preservation in Organ Culture: A Comparative Study between 2 Different Media. European Journal of Ophthalmology, 2015, 25, 96-100.	1.3	10
86	Personalized Stem Cell Therapy to Correct Corneal Defects Due to a Unique Homozygous-Heterozygous Mosaicism of Ectrodactyly-Ectodermal Dysplasia-Clefting Syndrome. Stem Cells Translational Medicine, 2016, 5, 1098-1105.	3.3	10
87	Sensing inhomogeneous mechanical properties of human corneal Descemet's membrane with AFM nano-indentation. Journal of the Mechanical Behavior of Biomedical Materials, 2017, 74, 21-27.	3.1	10
88	Impact of COVID-19 on corneal donation and distribution. European Journal of Ophthalmology, 2022, 32, NP269-NP270.	1.3	10
89	Bioinspired Precision Engineering of Threeâ€Dimensional Epithelial Stem Cell Microniches. Advanced Biology, 2020, 4, e2000016.	3.0	10
90	Towards xeno-free cultures of human limbal stem cells for ocular surface reconstruction. Cell and Tissue Banking, 2017, 18, 461-474.	1.1	10

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91	Gender matching did not affect 2-year rejection or failure rates following DSAEK for Fuchs endothelial corneal dystrophy. American Journal of Ophthalmology, 2021, , .	3.3	10
92	Development of an Allele-Specific Real-Time PCR Assay for Discrimination and Quantification of p63 R279H Mutation in EEC Syndrome. Journal of Molecular Diagnostics, 2012, 14, 38-45.	2.8	8
93	Human RNA Integrity After Postmortem Retinal Tissue Recovery. Ophthalmic Genetics, 2013, 34, 27-31.	1.2	8
94	Shotgun sequencing to determine corneal infection. American Journal of Ophthalmology Case Reports, 2020, 19, 100737.	0.7	8
95	Cost analysis of eye bank versus surgeon prepared endothelial grafts. BMC Health Services Research, 2021, 21, 801.	2.2	8
96	Effect of Cryopreserved Amniotic Membrane Orientation on the Expression of Limbal Mesenchymal and Epithelial Stem Cell Markers in Prolonged Limbal Explant Cultures. PLoS ONE, 2016, 11, e0164408.	2.5	8
97	Factors Affecting the Success Rate of Preloaded Descemet Membrane Endothelial Keratoplasty With Endothelium-Inward Technique: A Multicenter Clinical Study. American Journal of Ophthalmology, 2022, 241, 272-281.	3.3	8
98	A superfusion apparatus for ex vivo human eye irritation investigations. Toxicology in Vitro, 2015, 29, 1619-1627.	2.4	7
99	Two-photon optical microscopy imaging of endothelial keratoplasty grafts. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 575-582.	1.9	7
100	Refractive outcomes of penetrating keratoplasty and deep anterior lamellar keratoplasty in fellow eyes for keratoconus. International Ophthalmology, 2017, 37, 911-919.	1.4	7
101	Recombinant human serum albumin for corneal preservation. Acta Ophthalmologica, 2018, 96, e79-e86.	1.1	7
102	Rebubbling rate in preloaded versus surgeon prepared DSAEK. European Journal of Ophthalmology, 2022, 32, 880-884.	1.3	7
103	Detection of severe acute respiratory syndrome coronavirus 2 in corneas from asymptomatic donors. Acta Ophthalmologica, 2021, 99, e1245-e1246.	1.1	7
104	Delivering Endothelial Keratoplasty Grafts: Modern Day Transplant Devices. Current Eye Research, 2022, 47, 493-504.	1.5	7
105	Advances in corneal surgery and cell therapy: challenges and perspectives for eye banks. Expert Review of Ophthalmology, 2009, 4, 317-329.	0.6	6
106	A Simplified Technique for In situ Excision of Cornea and Evisceration of Retinal Tissue from Human Ocular Globe. Journal of Visualized Experiments, 2012, , e3765.	0.3	6
107	Preservation of Ocular Epithelial Limbal Stem Cells: The New Frontier in Regenerative Medicine. Advances in Experimental Medicine and Biology, 2016, 951, 179-189.	1.6	6
108	Role of Dextran in Maintaining Adhesive and Stiffness Properties of Prestripped DMEK Lenticules. European Journal of Ophthalmology, 2017, 27, 270-277.	1.3	6

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109	Evaluating risk, safety and efficacy of novel reproductive techniques and therapies through the EuroGTP II risk assessment tool. Human Reproduction, 2020, 35, 1821-1838.	0.9	6
110	Banking of corneal stromal lenticules: a risk-analysis assessment with the EuroGTP II interactive tool. Cell and Tissue Banking, 2020, 21, 189-204.	1.1	6
111	Eye bank versus surgeon prepared Descemet stripping automated endothelial keratoplasty tissues: Influence on adhesion force in a pilot study. Indian Journal of Ophthalmology, 2022, 70, 523.	1.1	6
112	Presence of SARS-CoV-2 RNA in human corneal tissues donated in Italy during the COVID-19 pandemic. BMJ Open Ophthalmology, 2022, 7, e000990.	1.6	6
113	<scp>DMEK</scp> graft: One size does not fit all. Acta Ophthalmologica, 2023, 101, .	1.1	6
114	Separation of keratan-sulfate-derived disaccharides by high-performance liquid chromatography and postcolumn derivatization with 2-cyanoacetamide and fluorimetric detection. Analytical Biochemistry, 2005, 342, 200-205.	2.4	5
115	Identification and characterization of dendritic cell subtypes in preserved and cultured cadaveric human corneolimbal tissue on amniotic membrane. Acta Ophthalmologica, 2019, 97, e184-e193.	1.1	5
116	Synthetic media for preservation of corneal tissues deemed for endothelial keratoplasty and endothelial cell culture. Acta Ophthalmologica, 2021, 99, 314-325.	1.1	5
117	Corneal storage methods: considerations and impact on surgical outcomes. Expert Review of Ophthalmology, 2021, 16, 1-9.	0.6	5
118	Absence of Severe Acute Respiratory Syndrome Coronavirus 2 RNA in Human Corneal Donor Tissues: Implications for Transplantation. Cornea, 2021, 40, e3-e4.	1.7	5
119	Cryopreservation of human amniotic membrane for ocular surface reconstruction: a comparison between protocols. Cell and Tissue Banking, 2022, 23, 851-861.	1.1	5
120	Biobanking corneal tissues for emergency procedures during COVID-19 era. Indian Journal of Ophthalmology, 2021, 69, 167.	1.1	4
121	Increased Cell Survival of Human Primary Conjunctival Stem Cells in Dimethyl Sulfoxide-Based Cryopreservation Media. Biopreservation and Biobanking, 2021, 19, 67-72.	1.0	4
122	Ultra-thin DSAEK using an innovative artificial anterior chamber pressuriser: a proof-of-concept study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 1871-1877.	1.9	4
123	A Validated Biorepository of Retina and Choroid Tissues for Gene Expression Studies. Biopreservation and Biobanking, 2014, 12, 255-258.	1.0	3
124	Human Corneal Endothelial Cell Assessment From Tissues Preserved in Serum-Based and Synthetic Storage Media. Cornea, 2019, 38, 1438-1442.	1.7	3
125	Confounding factors influencing the scroll width of Descemet membrane endothelial keratoplasty graft. Indian Journal of Ophthalmology, 2021, 69, 461.	1.1	3
126	Genetic Modification of Limbal Stem Cells to Decrease Allogeneic Immune Responses. Frontiers in Immunology, 2021, 12, 747357.	4.8	3

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127	Alternatives to endokeratoplasty: an attempt towards reducing global demand ofÂhuman donor corneas. Regenerative Medicine, 2022, , .	1.7	3
128	Correspondence. Retina, 2010, 30, 1555.	1.7	2
129	Laser Scanning Confocal Microscopy: Application in Manufacturing and Research of Corneal Stem Cells. , 2013, , .		2
130	Biobanking of Human Retinas: The Next Big Leap for Eye Banks?. Stem Cells Translational Medicine, 2015, 4, 868-872.	3.3	2
131	Development of a new superficial punch for Descemet's Membrane Endothelial Keratoplasty donor tissue preparation. British Journal of Ophthalmology, 2016, 100, 443-445.	3.9	2
132	Avoiding Complications Associated With Preloaded Ultrathin Descemet Stripping Automated Endothelial Keratoplasty. Cornea, 2017, 36, e12-e13.	1.7	2
133	A Conservative Surgical Approach to the Treatment of Optic Disc Pit Maculopathy: Four Case Reports. Case Reports in Ophthalmology, 2020, 11, 196-204.	0.7	2
134	Expanding the supply of donor grafts. Cornea, 2021, 40, e16-e17.	1.7	2
135	In vitro establishment, validation and characterisation of conjunctival epithelium outgrowth using tissue fragments and amniotic membrane. British Journal of Ophthalmology, 2022, 106, 440-444.	3.9	2
136	Tracing the SARS-CoV-2 infection on the ocular surface: Overview and preliminary corneoscleral transcriptome sequencing. Experimental Eye Research, 2022, 217, 108975.	2.6	2
137	Analysis and pharmacological modulation of senescence in human epithelial stem cells. Journal of Cellular and Molecular Medicine, 2022, 26, 3977-3994.	3.6	2
138	Two red eyes and one asymptomatic donor. Lancet, The, 2009, 374, 1792.	13.7	1
139	Ocular manifestations in patients with mucopolysaccharidosis: what do we know and how can we treat?. Clinical and Experimental Ophthalmology, 2010, 38, 1-1.	2.6	1
140	Targeting corneal disorders using gene therapy. Expert Review of Ophthalmology, 2012, 7, 351-362.	0.6	1
141	A new standardized immunofluorescence method for potency quantification (SMPQ) of human conjunctival cell cultures. Cell and Tissue Banking, 2021, 22, 145-159.	1.1	1
142	Culture of corneal endothelial cells obtained by descemetorhexis of corneas with Fuchs endothelial corneal dystrophy. Experimental Eye Research, 2021, 211, 108748.	2.6	1
143	Long-term preservation of human donor corneal tissues in organ culture. Cell and Tissue Banking, 2021, , 1.	1.1	1
144	Comment on: A novel device to visualize Descemet membrane during donor preparation for Descemet membrane endothelial keratoplasty. Indian Journal of Ophthalmology, 2022, 70, 335.	1.1	1

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145	Extracellular Vesicles Derived From Human Corneal Endothelial Cells Inhibit Proliferation of Human Corneal Endothelial Cells. Frontiers in Medicine, 2021, 8, 753555.	2.6	1
146	Incremental Concentrations of Tacrolimus Eye Drops as a Strategy for the Management of Severe Vernal Keratoconjunctivitis. Frontiers in Pharmacology, 2022, 13, 798998.	3.5	1
147	The advances of corneal preparation â€“ what is to come?. Expert Review of Ophthalmology, 2015, 10, 321-324.	0.6	0
148	Transplantation Failure Due to Inadvertent Reversal of Human Donor Corneas. European Journal of Ophthalmology, 2016, 26, e21-e23.	1.3	0
149	Polarization of human donor corneas. Cell and Tissue Banking, 2016, 17, 233-239.	1.1	0
150	Ocular surface reconstruction in limbal stem cell deficiency: current treatment options and perspectives. Expert Review of Ophthalmology, 2017, 12, 43-56.	0.6	0
151	Reply. Cornea, 2018, 37, e27-e28.	1.7	0
152	Blocking connexin 43 accelerates corneal healing and improves tissue remodeling during the healing of diabetic rat corneas: A histological and immunohistochemical study. European Journal of Inflammation, 2019, 17, 205873921984338.	0.5	0
153	Fate of endothelial cells after intrastromal implantation of Descemetâ€™s membrane-endothelial cell tissue. Cell and Tissue Banking, 2020, 21, 535-545.	1.1	0
154	Developments in Corneal Banking. , 2016, , 23-33.		0
155	Eye Bank Management of Irregular Descemet Stripping Automated Endothelial Keratoplasty Lenticules. Cornea, 2021, 40, 786-789.	1.7	0