Gerrit R J Melles

List of Publications by Year
in descending order

155 papers	8,109 citations	50170 46 h-index	49773 87 g-index
158 all docs	158 docs citations	158 times ranked	1801 citing authors

#	Article	IF	Citations
1	Alkali-Induced Corneal Neovascularization Is Independent of CXCR2-Mediated Neutrophil Infiltration. Cornea, 2007, 26, 199-206.	0.9	608
2	A Technique to Excise the Descemet Membrane From a Recipient Cornea (Descemetorhexis). Cornea, 2004, 23, 286-288.	0.9	417
3	Posterior Lamellar Keratoplasty. Cornea, 2006, 25, 879-881.	0.9	411
4	Standardized â€œNo-Touchâ€•Technique for Descemet Membrane Endothelial Keratoplasty. JAMA Ophthalmology, 2011, 129, 88.	2.6	345
5	Preliminary Clinical Results of Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2008, 145, 222-227.e1.	1.7	252
6	Endothelial keratoplasty: DSEK/DSAEK or DMEK - the thinner the better?. Current Opinion in Ophthalmology, 2009, 20, 299-307.	1.3	231
7	Donor tissue preparation for Descemet membrane endothelial keratoplasty. Journal of Cataract and Refractive Surgery, 2008, 34, 1578-1583.	0.7	224
8	Preliminary clinical results of posterior lamellar keratoplasty through a sclerocorneal pocket incision11The authors have no proprietary interest in the materials presented.. Ophthalmology, 2000, 107, 1850-1856.	2.5	205
9	Clinical Outcome of 500 Consecutive Cases Undergoing Descemet's Membrane Endothelial Keratoplasty. Ophthalmology, 2015, 122, 464-470.	2.5	197
10	Learning Curve in Descemet's Membrane Endothelial Keratoplasty. Ophthalmology, 2011, 118, 2147-2154.	2.5	184
11	A Quick Surgical Technique for Deep, Anterior Lamellar Keratoplasty Using Visco-dissection. Cornea, 2000, 19, 427-432.	0.9	182
12	Treatment options for advanced keratoconus: A review. Survey of Ophthalmology, 2015, 60, 459-480.	1.7	155
13	Prevention and Management of Graft Detachment in Descemet Membrane Endothelial Keratoplasty. JAMA Ophthalmology, 2012, 130, 280.	2.6	147
14	Spontaneous Corneal Clearance Despite Graft Detachment in Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2009, 148, 227-234.e1.	1.7	140
15	Visual Rehabilitation Rate After Isolated Descemet Membrane Transplantation. JAMA Ophthalmology, 2009, 127, 252.	2.6	137
16	Standardized â€˜noâ€touchâ€™ donor tissue preparation for DALK and DMEK: harvesting undamaged anterior and posterior transplants from the same donor cornea. Acta Ophthalmologica, 2013, 91, 145-150.	0.6	128
17	Efficacy of Descemet Membrane Endothelial Keratoplasty. JAMA Ophthalmology, 2011, 129, 1435.	2.6	123
18	Multicenter Study of Descemet Membrane Endothelial Keratoplasty. JAMA Ophthalmology, 2014, 132, 1192.	1.4	121

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19	Refractive change and stability after Descemet membrane endothelial keratoplasty. Journal of Cataract and Refractive Surgery, 2011, 37, 1455-1464.	0.7	119
20	Near complete visual recovery and refractive stability in modern corneal transplantation: Descemet membrane endothelial keratoplasty (DMEK). Contact Lens and Anterior Eye, 2013, 36, 13-21.	0.8	105
21	A Technique to Visualize Corneal Incision and Lamellar Dissection Depth During Surgery. Cornea, 1999, 18, 80-86.	0.9	104
22	Incidence of Early Allograft Rejection After Descemet Membrane Endothelial Keratoplasty. Cornea, 2011, 30, 1341-1345.	0.9	104
23	Intraocular Graft Unfolding Techniques in Descemet Membrane Endothelial Keratoplasty. JAMA Ophthalmology, 2013, 131, 29.	1.4	98
24	Bowman Layer Transplantation to Reduce and Stabilize Progressive, Advanced Keratoconus. Ophthalmology, 2015, 122, 909-917.	2.5	97
25	Endothelial cell density after deep anterior lamellar keratoplasty (Melles technique). American Journal of Ophthalmology, 2004, 137, 397-400.	1.7	95
26	Patterns of Corneal Endothelialization and Corneal Clearance After Descemet Membrane Endothelial Keratoplasty for Fuchs Endothelial Dystrophy. American Journal of Ophthalmology, 2011, 152, 543-555.e1.	1.7	94
27	Midterm Results of Descemet Membrane Endothelial Keratoplasty: 4 to 7 Years Clinical Outcome. American Journal of Ophthalmology, 2016, 171, 113-121.	1.7	86
28	Midstromal Isolated Bowman Layer Graft for Reduction of Advanced Keratoconus. JAMA Ophthalmology, 2014, 132, 495.	1.4	85
29	Endothelial Survival After Descemet Membrane Endothelial Keratoplasty. JAMA Ophthalmology, 2015, 133, 1277.	1.4	84
30	Two-Year Clinical Outcome of 500 Consecutive Cases Undergoing Descemet Membrane Endothelial Keratoplasty. Cornea, 2017, 36, 655-660.	0.9	84
31	Predictive Value of Optical Coherence Tomography in Graft Attachment after Descemet's Membrane Endothelial Keratoplasty. Ophthalmology, 2013, 120, 240-245.	2.5	81
32	Outcomes of Descemet membrane endothelial keratoplasty in phakic eyes. Journal of Cataract and Refractive Surgery, 2012, 38, 871-877.	0.7	75
33	Causes of Primary Donor Failure in Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2008, 145, 639-644.e1.	1.7	73
34	Recipient Endothelium May Relate to Corneal Clearance in Descemet Membrane Endothelial Transfer. American Journal of Ophthalmology, 2012, 154, 290-296.e1.	1.7	73
35	Descemet Membrane Endothelial Transfer: â€œFree-Floatingâ€•Donor Descemet Implantation as a Potential Alternative to â€œKeratoplastyâ€• Cornea, 2012, 31, 194-197.	0.9	72
36	Five-Year Graft Survival and Clinical Outcomes of 500 Consecutive Cases After Descemet Membrane Endothelial Keratoplasty. Cornea, 2020, 39, 290-297.	0.9	69

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37	Causes of Glaucoma After Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2012, 153, 958-966.e1.	1.7	67
38	Repeat Descemet Membrane Endothelial Keratoplasty after Complicated Primary Descemet Membrane Endothelial Keratoplasty. Ophthalmology, 2015, 122, 8-16.	2.5	67
39	A Comparison of Wound Healing in Sutured and Unsutured Corneal Wounds. JAMA Ophthalmology, 1990, 108, 1460.	2.6	66
40	Descemet Membrane Endothelial Keratoplasty: Ten-Year Graft Survival and Clinical Outcomes. American Journal of Ophthalmology, 2020, 217, 114-120.	1.7	66
41	Multicenter Study of 6-Month Clinical Outcomes After Descemet Membrane Endothelial Keratoplasty. Cornea, 2017, 36, 1467-1476.	0.9	61
42	Prevention and Management of Descemet Membrane Endothelial Keratoplasty Complications. Cornea, 2017, 36, 1089-1095.	0.9	57
43	Hemiâ€“Descemet Membrane Endothelial Keratoplasty Transplantation. JAMA Ophthalmology, 2014, 132, 1469.	1.4	52
44	Association Between Graft Storage Time and Donor Age With Endothelial Cell Density and Graft Adherence After Descemet Membrane Endothelial Keratoplasty. JAMA Ophthalmology, 2016, 134, 91.	1.4	50
45	Clinical Outcome of Rebubbling for Graft Detachment After Descemet Membrane Endothelial Keratoplasty. Cornea, 2017, 36, 771-776.	0.9	50
46	Bowman layer transplantation: 5-year results. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 1151-1158.	1.0	50
47	Identifying causes for poor visual outcome after DSEK/DSAEK following secondary DMEK in the same eye. Acta Ophthalmologica, 2013, 91, 131-139.	0.6	48
48	Endothelial Cell Changes as an Indicator for Upcoming Allograft Rejection Following Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2014, 158, 485-495.	1.7	45
49	Optical Quality of the Cornea After Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2014, 158, 71-79.e1.	1.7	42
50	Two-Year Refractive Outcomes After Descemet Membrane Endothelial Keratoplasty. Cornea, 2016, 35, 1548-1555.	0.9	42
51	Outcome and Histopathology of Secondary Penetrating Keratoplasty Graft Failure Managed by Descemet Membrane Endothelial Keratoplasty. Cornea, 2017, 36, 777-784.	0.9	42
52	Rebubbling Techniques for Graft Detachment After Descemet Membrane Endothelial Keratoplasty. Cornea, 2016, 35, 759-764.	0.9	40
53	Quarter-Descemet membrane endothelial keratoplasty (Quarter-DMEK) for Fuchs endothelial corneal dystrophy: 6 months clinical outcome. British Journal of Ophthalmology, 2018, 102, 1425-1430.	2.1	40
54	Clinical Outcomes of Descemet Membrane Endothelial Keratoplasty in Eyes With a Glaucoma Drainage Device. American Journal of Ophthalmology, 2019, 199, 150-158.	1.7	38

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55	Isolated Bowman layer transplantation to manage persistent subepithelial haze after excimer laser surface ablation. Journal of Cataract and Refractive Surgery, 2010, 36, 1036-1041.	0.7	37
56	Endothelial Cell Density After Descemet Membrane Endothelial Keratoplasty: 1 to 5-Year Follow-up. American Journal of Ophthalmology, 2012, 154, 762-763.	1.7	37
57	Histopathologic Features of Descemet Membrane Endothelial Keratoplasty Graft Remnants, Folds, and Detachments. Ophthalmology, 2016, 123, 2489-2497.	2.5	37
58	Variation in Healing Throughout the Depth of Long-term, Unsutured, Corneal Wounds in Human Autopsy Specimens and Monkeys. JAMA Ophthalmology, 1994, 112, 100.	2.6	36
59	Secondary DMEK for Poor Visual Outcome After DSEK. Cornea, 2010, 29, 1278-1283.	0.9	36
60	Corneal Densitometry and Higher Order Aberrations After Bowman Layer Transplantation. Cornea, 2016, 35, 959-966.	0.9	36
61	Donor Tissue Preparation for Bowman Layer Transplantation. Cornea, 2016, 35, 1499-1502.	0.9	36
62	Bowman layer transplantation in the treatment of keratoconus. Eye and Vision (London, England), 2018, 5, 24.	1.4	36
63	Outcomes of phacoemulsification after Descemet membrane endothelial keratoplasty. Journal of Cataract and Refractive Surgery, 2013, 39, 836-840.	0.7	35
64	Donor Tissue Preparation for Descemet Membrane Endothelial Keratoplasty: An Updated Review. Cornea, 2018, 37, 128-135.	0.9	34
65	Effect of Surgical Indication and Preoperative Lens Status on Descemet Membrane Endothelial Keratoplasty Outcomes. American Journal of Ophthalmology, 2020, 212, 79-87.	1.7	31
66	Epithelial-Stromal Interactions in Human Keratotomy Wound Healing. JAMA Ophthalmology, 1995, 113, 1124.	2.6	29
67	Case Report of Quarterâ€“Descemet Membrane Endothelial Keratoplasty for Fuchs Endothelial Dystrophy. Cornea, 2017, 36, 104-107.	0.9	29
68	Incidence of recipient Descemet membrane remnants at the donor-to-stromal interface after descemetorhexis in endothelial keratoplasty. British Journal of Ophthalmology, 2010, 94, 1689-1690.	2.1	28
69	Potential Causes of Incomplete Visual Rehabilitation at 6 Months Postoperative After Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2013, 156, 780-788.e1.	1.7	28
70	Descemet membrane endothelial transfer. Current Opinion in Ophthalmology, 2014, 25, 353-357.	1.3	28
71	Preliminary outcome of hemi-Descemet membrane endothelial keratoplasty for Fuchs endothelial dystrophy. British Journal of Ophthalmology, 2016, 100, 1564-1568.	2.1	28
72	Changes in Color Vision and Contrast Sensitivity After Descemet Membrane Endothelial Keratoplasty for Fuchs Endothelial Dystrophy. Cornea, 2014, 33, 1010-1015.	0.9	26

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73	Potential benefits of modified corneal tissue grafts for keratoconus: Bowman layer â€˜inlayâ€™ and â€˜onlayâ€™ transplantation, and allogenic tissue ring segments. Current Opinion in Ophthalmology, 2020, 31, 276-283.	1.3	25
74	Persistent Corneal Edema After Descemetorhexis Without Corneal Graft Implantation in a Case of Fuchs Endothelial Dystrophy. Cornea, 2011, 30, 248-249.	0.9	24
75	Graft preparation for hemi-Descemet membrane endothelial keratoplasty (hemi-DMEK). British Journal of Ophthalmology, 2016, 100, 420-424.	2.1	24
76	Outcomes of Hemi-Descemet Membrane Endothelial Keratoplasty for Fuchs Endothelial Corneal Dystrophy. Cornea, 2018, 37, 854-858.	0.9	24
77	Descemet Membrane Endothelial Transfer: Ultimate Outcome. Cornea, 2018, 37, 141-144.	0.9	24
78	Incidence of irregular astigmatism eligible for contact lens fitting after Descemet membrane endothelial keratoplasty. Journal of Cataract and Refractive Surgery, 2013, 39, 1036-1046.	0.7	23
79	Are Descemet Membrane Ruptures the Root Cause of Corneal Hydrops in Keratoconic Eyes?. American Journal of Ophthalmology, 2019, 205, 147-152.	1.7	23
80	Update on Bowman layer transplantation. Current Opinion in Ophthalmology, 2019, 30, 249-255.	1.3	23
81	Validity of Bowman layer transplantation for keratoconus: visual performance at 5â€“7 years. Acta Ophthalmologica, 2018, 96, e901-e902.	0.6	21
82	One year outcome of hemi-Descemet membrane endothelial keratoplasty. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1955-1958.	1.0	20
83	Novel â€˜heavyâ€™ dyes for retinal membrane staining during macular surgery: multicenter clinical assessment. Acta Ophthalmologica, 2014, 92, 339-344.	0.6	19
84	Evaluation of the Suitability of Biocompatible Carriers as Artificial Transplants Using Cultured Porcine Corneal Endothelial Cells. Current Eye Research, 2019, 44, 243-249.	0.7	19
85	Do We Overestimate the Endothelial Cell â€œLossâ€•After Descemet Membrane Endothelial Keratoplasty?. Current Eye Research, 2013, 38, 260-265.	0.7	18
86	360-Degree Scheimpflug Imaging to Predict Allograft Rejection After Descemet Membrane Endothelial Keratoplasty. Cornea, 2016, 35, 1385-1390.	0.9	18
87	Technical Feasibility of Isolated Bowman Layer Graft Preparation by Femtosecond Laser: A Pilot Study. European Journal of Ophthalmology, 2017, 27, 675-677.	0.7	18
88	Descemet Membrane Endothelial Keratoplasty for a Decompensated Penetrating Keratoplasty Graft in the Presence of a Long Glaucoma Tube. Cornea, 2015, 34, 1613-1616.	0.9	17
89	Quarter-Descemet Membrane Endothelial Keratoplasty: One- to Two-Year Clinical Outcomes. Cornea, 2020, 39, 277-282.	0.9	17
90	Phacoemulsification after Descemet membrane endothelial keratoplasty. Journal of Cataract and Refractive Surgery, 2009, 35, 1314-1315.	0.7	16

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91	Ten-Year Clinical Outcome of the First Patient Undergoing Descemet Membrane Endothelial Keratoplasty. Cornea, 2017, 36, 379-381.	0.9	16
92	Parameters Associated With Endothelial Cell Density Variability After Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2020, 211, 22-30.	1.7	16
93	Combined chlorhexidine and PVP-I decontamination of human donor eyes prior to corneal preservation. Cell and Tissue Banking, 2012, 13, 333-339.	0.5	15
94	In Vivo Endothelial Cell Density Decline in the Early Postoperative Phase After Descemet Membrane Endothelial Keratoplasty. Cornea, 2018, 37, 673-677.	0.9	15
95	Use of intraoperative anterior segment optical coherence tomography for Bowman layer transplantation. Acta Ophthalmologica, 2019, 97, e1031-e1032.	0.6	15
96	Changes in Corneal Endothelial Cell Profile Measurements After Deep Anterior Lamellar Keratoplasty for Keratoconus. Cornea, 2013, 32, 751-756.	0.9	14
97	Postmortem Ultrastructural Analysis of a Cornea Transplanted With Descemet Membrane Endothelial Keratoplasty. Cornea, 2014, 33, 790-794.	0.9	14
98	Asymmetrical endothelial cell migration from inÂvitro Quarterâ€Ðescemet membrane endothelial keratoplasty grafts. Acta Ophthalmologica, 2018, 96, 828-833.	0.6	14
99	Where is endothelial keratoplasty going: from Descemet stripping (automated) endothelial keratoplasty to Descemet membrane endothelial keratoplasty to Descemet membrane endothelial transfer?. Canadian Journal of Ophthalmology, 2012, 47, 197-200.	0.4	13
100	Influence of Intraoperative Air Tamponade Time on Graft Adherence in Descemet Membrane Endothelial Keratoplasty. Cornea, 2019, 38, 166-172.	0.9	13
101	Descemet membrane endothelial keratoplasty and refractive surgery. Current Opinion in Ophthalmology, 2017, 28, 316-325.	1.3	12
102	Clinical feasibility of using multiple grafts from a single donor for Quarterâ€ÐMEK. Acta Ophthalmologica, 2018, 96, e656-e658.	0.6	12
103	Corneal endothelial wound healing: understanding the regenerative capacity of the innermost layer of the cornea. Translational Research, 2022, 248, 111-127.	2.2	12
104	First DLEK Series: 10-Year Follow-up. Ophthalmology, 2011, 118, 424-424.e3.	2.5	10
105	Surgical step to facilitate phacoemulsification after Descemet membrane endothelial keratoplasty. Journal of Cataract and Refractive Surgery, 2012, 38, 1106-1107.	0.7	10
106	Descemet Membrane Endothelial Keratoplasty Failure Associated with Innate Immune Activation. Ophthalmology, 2019, 126, 1462-1464.	2.5	10
107	In Vitro Evaluation and Transplantation of Human Corneal Endothelial Cells Cultured on Biocompatible Carriers. Cell Transplantation, 2020, 29, 096368972092357.	1.2	10
108	Evolving Techniques and Indications of Descemet Membrane Endothelial Keratoplasty. TÃ¼rk Oftalmoloji Dergisi, 2021, 51, 381-392.	0.4	10

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109	Bowman Layer Onlay Grafting: Proof-of-Concept of a New Technique to Flatten Corneal Curvature and Reduce Progression in Keratoconus. Cornea, 2021, 40, 1561-1566.	0.9	9
110	Bowman Layer Transplantationâ€"A Review. Asia-Pacific Journal of Ophthalmology, 2020, 9, 565-570.	1.3	9
111	Bowman Layer Onlay Transplantation to Manage Herpes Corneal Scar. Cornea, 2020, 39, 1164-1166.	0.9	8
112	Threeâ€quarter DMEK in eyes with glaucoma draining devices to avoid secondary graft failure. Acta Ophthalmologica, 2021, 99, 569-574.	0.6	8
113	DMEK in Super-Seniors: Clinical Outcomes of Descemet Membrane Endothelial Keratoplasty Performed in Patients â‰¥ 90 Years Old. Current Eye Research, 2020, 45, 1031-1035.	0.7	8
114	Effect of Six-Month Postoperative Endothelial Cell Density on Graft Survival after Descemet Membrane Endothelial Keratoplasty. Ophthalmology, 2021, 128, 1689-1698.	2.5	8
115	New developments in corneal endothelial cell replacement. Acta Ophthalmologica, 2021, 99, 712-729.	0.6	8
116	Radial graft contraction may relate to subnormal visual acuity in Descemet stripping (automated) endothelial keratoplasty. British Journal of Ophthalmology, 2010, 94, 951-953.	2.1	7
117	Refining the Terminology of Graft Failure in Reports on Endothelial Keratoplasty Outcomes. JAMA Ophthalmology, 2016, 134, 125.	1.4	7
118	Sex Chromosome Analysis of Postmortem Corneal Endothelium After Sex-Mismatch Descemet Membrane Endothelial Keratoplasty. Cornea, 2017, 36, 11-16.	0.9	7
119	Atypical Presentation of Iridocorneal Endothelial Syndrome With Band Keratopathy but No Corneal Edema Managed With Descemet Membrane Endothelial Keratoplasty. Cornea, 2018, 37, 1064-1066.	0.9	7
120	Combined specular microscopy and Scheimpflug imaging to improve detection of an upcoming allograft rejection after DMEK. Acta Ophthalmologica, 2020, 98, 261-266.	0.6	7
121	Phacoemulsification After Descemet Membrane Endothelial Keratoplasty: Incidence and Influence on Endothelial Cell Density. Journal of Refractive Surgery, 2021, 37, 119-125.	1.1	7
122	3-Year update on the first case series of hemi-Descemet membrane endothelial keratoplasty. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 213-215.	1.0	6
123	In vitro endothelial cell migration from limbal edge-modified Quarter-DMEK grafts. PLoS ONE, 2019, 14, e0225462.	1.1	6
124	Bowman Layer Onlay Graft for Reducing Fluctuation in Visual Acuity After Previous Radial Keratotomy. Cornea, 2020, 39, 1303-1306.	0.9	6
125	Intrastromal Descemet Membrane Transplantation as a Potential Alternative to Bowman Layer Inlays in Eyes With Advanced Keratoconus. Eye and Contact Lens, 2021, 47, 223-225.	0.8	6
126	Dehydration of corneal anterior donor tissue with polyethylene glycol (PEG)-enriched media. Cell and Tissue Banking, 2015, 16, 399-409.	0.5	5

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127	Dark Endothelial Spots After Descemet Membrane Endothelial Keratoplasty May Appear as Recurrent Fuchs Dystrophy or Herald Graft Failure or Rejection. Cornea, 2017, 36, 1480-1485.	0.9	5
128	Endothelial Cell Density Changes in the Corneal Center Versus Paracentral Areas After Descemet Membrane Endothelial Keratoplasty. Cornea, 2020, 39, 1091-1095.	0.9	5
129	Quantitative Assessment of Aqueous Flare After Descemet Membrane Endothelial Keratoplasty for Fuchs Endothelial Dystrophy. Cornea, 2018, 37, 848-853.	0.9	4
130	Manual mid-stromal dissection as a low risk procedure to stabilize mild to moderate progressive keratoconus. Eye and Vision (London, England), 2018, 5, 26.	1.4	4
131	Fuchs endothelial corneal dystrophy: current treatment recommendations and experimental surgical options. Expert Review of Ophthalmology, 2015, 10, 301-312.	0.3	3
132	In Vitro Evaluation of the Feasibility of Slit-Lamp Nd:YAG Laser Descemetorhexis. Cornea, 2020, 39, 229-233.	0.9	3
133	Descemet Membrane Endothelial Keratoplasty and Bowman Layer Transplantation: An Anatomic Review and Historical Survey. Ophthalmic Research, 2021, 64, 532-553.	1.0	3
134	Endothelial Cell Viability after DMEK Graft Preparation. Current Eye Research, 2021, 46, 1621-1630.	0.7	3
135	Landmark study on Descemet stripping with endothelial keratoplasty: Where has it led us?. Journal of Cataract and Refractive Surgery, 2021, 47, 561-562.	0.7	3
136	First Clinical Experience With Ophthalmic e-Device for Unaided Patient Self-Examination During COVID-19 Lockdown. Cornea, 2021, Publish Ahead of Print, .	0.9	3
137	Corneal Tomographic Changes After UV Cross-Linking for Corneal Ectasia (1-Year Results). Cornea, 2017, 36, 1498-1502.	0.9	2
138	Evolution of Posterior Lamellar Keratoplasty: PK â€“ DLEK â€“ DSEK/DSAEK â€“ DMEK â€“ DMET. , 2017, , 73-85.		2
139	Preclinical testing of small diameter Descemet membrane endothelial keratoplasty grafts to increase tissue availability. PLoS ONE, 2021, 16, e0246516.	1.1	2
140	Misconceptions in DMEK surgery. Acta Ophthalmologica, 2021, , .	0.6	2
141	Bowman Layer Onlay Graft for Recurrent Corneal Erosions in Mapâ€“Dotâ€“Fingerprint Dystrophy. Cornea, 2022, 41, 1062-1063.	0.9	2
142	Updates in anterior lamellar keratoplasty: the state of the debates. Expert Review of Ophthalmology, 2016, 11, 339-346.	0.3	1
143	Reply. Cornea, 2017, 36, e8-e9.	0.9	1
144	DMEK complications: current treatment and recommendations. Expert Review of Ophthalmology, 2018, 13, 33-46.	0.3	1

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145	Reply to a Comment: Clinical Outcomes of Descemet Membrane Endothelial Keratoplasty in Eyes With a Glaucoma Drainage Device. American Journal of Ophthalmology, 2019, 208, 440-441.	1.7	1
146	Hydrops after corneal perforation during manual deep anterior lamellar keratoplasty for keratoconus. Acta Ophthalmologica, 2020, 98, e522-e523.	0.6	1
147	In keratoconic eyes, corneal hydrops may occur despite an intact Descemet membrane. Acta Ophthalmologica, 2020, 99, e967-e968.	0.6	1
148	Improving Endothelial Explant Tissue Culture by Novel Thermoresponsive Cell Culture System. Current Eye Research, 2021, 46, 290-293.	0.7	1
149	Toward a Paradigm Shift in the Therapeutic Approach to Fuchs Endothelial Corneal Dystrophy. JAMA Ophthalmology, 2021, 139, 431.	1.4	1
150	Portable Ophthalmic Device for Remote Slit-Lamp Examinations and Visual Acuity Screening. , 2021, , .		1
151	Bowman Layer Transplantation for Advanced Keratoconus. , 2019, , 317-325.		1
152	A Case of Severe Corneal Flattening after Descemet Stripping Endothelial Keratoplasty. European Journal of Ophthalmology, 2016, 26, 4-7.	0.7	0
153	Deep Lamellar Endothelial Keratoplasty Clinical Outcome: The 13- to 18-year Follow-up. Ophthalmology, 2017, 124, 743-744.	2.5	0
154	Reflections on the Barcelona Principlesâ€"Planning for the Future. Cornea, 2019, 38, e8-e8.	0.9	0
155	The influence of preparation and storage time on endothelial cells in Quarterâ€"Descemet membrane endothelial keratoplasty (Quarterâ€"DMEK) grafts in vitro. Cell and Tissue Banking, 2020, 21, 615-623.	0.5	0