

Gerrit R J Melles

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

150
papers

6,184
citations

41
h-index

76
g-index

158
ext. papers

7,351
ext. citations

3.7
avg, IF

5.94
L-index

#	Paper	IF	Citations
150	Descemet membrane endothelial keratoplasty (DMEK). <i>Cornea</i> , 2006 , 25, 987-90	3.1	467
149	A technique to excise the descemet membrane from a recipient cornea (descemetorhexis). <i>Cornea</i> , 2004 , 23, 286-8	3.1	350
148	Posterior lamellar keratoplasty: DLEK to DSEK to DMEK. <i>Cornea</i> , 2006 , 25, 879-81	3.1	329
147	Standardized "no-touch" technique for descemet membrane endothelial keratoplasty. <i>JAMA Ophthalmology</i> , 2011 , 129, 88-94		285
146	Preliminary clinical results of Descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2008 , 145, 222-227	4.9	204
145	Donor tissue preparation for Descemet membrane endothelial keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2008 , 34, 1578-83	2.3	178
144	Preliminary clinical results of posterior lamellar keratoplasty through a sclerocorneal pocket incision. <i>Ophthalmology</i> , 2000 , 107, 1850-6; discussion 1857	7.3	177
143	Clinical outcome of 500 consecutive cases undergoing Descemet® membrane endothelial keratoplasty. <i>Ophthalmology</i> , 2015 , 122, 464-70	7.3	164
142	Endothelial keratoplasty: DSEK/DSEK or DMEK--the thinner the better?. <i>Current Opinion in Ophthalmology</i> , 2009 , 20, 299-307	5.1	164
141	A quick surgical technique for deep, anterior lamellar keratoplasty using visco-dissection. <i>Cornea</i> , 2000 , 19, 427-32	3.1	153
140	Learning Curve in Descemet® Membrane Endothelial Keratoplasty: First Series of 135 Consecutive Cases. <i>Ophthalmology</i> , 2011 , 118, 2147-54	7.3	145
139	Spontaneous corneal clearance despite graft detachment in descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2009 , 148, 227-234.e1	4.9	116
138	Visual rehabilitation rate after isolated descemet membrane transplantation: descemet membrane endothelial keratoplasty. <i>JAMA Ophthalmology</i> , 2009 , 127, 252-5		112
137	Prevention and management of graft detachment in descemet membrane endothelial keratoplasty. <i>JAMA Ophthalmology</i> , 2012 , 130, 280-91		110
136	Treatment options for advanced keratoconus: A review. <i>Survey of Ophthalmology</i> , 2015 , 60, 459-80	6.1	109
135	Standardized "no-touch" donor tissue preparation for DALK and DMEK: harvesting undamaged anterior and posterior transplants from the same donor cornea. <i>Acta Ophthalmologica</i> , 2013 , 91, 145-50	3.7	108
134	Multicenter study of descemet membrane endothelial keratoplasty: first case series of 18 surgeons. <i>JAMA Ophthalmology</i> , 2014 , 132, 1192-8	3.9	102

133	Efficacy of descemet membrane endothelial keratoplasty: clinical outcome of 200 consecutive cases after a learning curve of 25 cases. <i>JAMA Ophthalmology</i> , 2011 , 129, 1435-43		100
132	Incidence of early allograft rejection after Descemet membrane endothelial keratoplasty. <i>Cornea</i> , 2011 , 30, 1341-5	3.1	92
131	Refractive change and stability after Descemet membrane endothelial keratoplasty. Effect of corneal dehydration-induced hyperopic shift on intraocular lens power calculation. <i>Journal of Cataract and Refractive Surgery</i> , 2011 , 37, 1455-64	2.3	91
130	Near complete visual recovery and refractive stability in modern corneal transplantation: Descemet membrane endothelial keratoplasty (DMEK). <i>Contact Lens and Anterior Eye</i> , 2013 , 36, 13-21	4.1	86
129	A Technique to Visualize Corneal Incision and Lamellar Dissection Depth During Surgery. <i>Cornea</i> , 1999 , 18, 80-86	3.1	84
128	Endothelial cell density after deep anterior lamellar keratoplasty (Melles technique). <i>American Journal of Ophthalmology</i> , 2004 , 137, 397-400	4.9	78
127	Bowman layer transplantation to reduce and stabilize progressive, advanced keratoconus. <i>Ophthalmology</i> , 2015 , 122, 909-17	7.3	75
126	Intraocular graft unfolding techniques in descemet membrane endothelial keratoplasty. <i>JAMA Ophthalmology</i> , 2013 , 131, 29-35	3.9	73
125	Patterns of corneal endothelialization and corneal clearance after descemet membrane endothelial keratoplasty for fuchs endothelial dystrophy. <i>American Journal of Ophthalmology</i> , 2011 , 152, 543-555.e14-9	4.9	70
124	Midterm Results of Descemet Membrane Endothelial Keratoplasty: 4 to 7 Years Clinical Outcome. <i>American Journal of Ophthalmology</i> , 2016 , 171, 113-121	4.9	68
123	Endothelial Survival After Descemet Membrane Endothelial Keratoplasty: Effect of Surgical Indication and Graft Adherence Status. <i>JAMA Ophthalmology</i> , 2015 , 133, 1277-85	3.9	62
122	Two-Year Clinical Outcome of 500 Consecutive Cases Undergoing Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2017 , 36, 655-660	3.1	60
121	Midstromal isolated Bowman layer graft for reduction of advanced keratoconus: a technique to postpone penetrating or deep anterior lamellar keratoplasty. <i>JAMA Ophthalmology</i> , 2014 , 132, 495-501	3.9	59
120	Causes of primary donor failure in descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2008 , 145, 639-644	4.9	59
119	Outcomes of Descemet membrane endothelial keratoplasty in phakic eyes. <i>Journal of Cataract and Refractive Surgery</i> , 2012 , 38, 871-7	2.3	58
118	Predictive value of optical coherence tomography in graft attachment after DescemetQ membrane endothelial keratoplasty. <i>Ophthalmology</i> , 2013 , 120, 240-5	7.3	56
117	Descemet membrane endothelial transfer: "free-floating" donor Descemet implantation as a potential alternative to "keratoplasty". <i>Cornea</i> , 2012 , 31, 194-7	3.1	56
116	Recipient endothelium may relate to corneal clearance in descemet membrane endothelial transfer. <i>American Journal of Ophthalmology</i> , 2012 , 154, 290-296.e1	4.9	54

115	Repeat Descemet membrane endothelial keratoplasty after complicated primary Descemet membrane endothelial keratoplasty. <i>Ophthalmology</i> , 2015 , 122, 8-16	7.3	53
114	A comparison of wound healing in sutured and unsutured corneal wounds. <i>JAMA Ophthalmology</i> , 1990 , 108, 1460-9		53
113	Causes of glaucoma after descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2012 , 153, 958-966.e1	4.9	51
112	Prevention and Management of Descemet Membrane Endothelial Keratoplasty Complications. <i>Cornea</i> , 2017 , 36, 1089-1095	3.1	44
111	Multicenter Study of 6-Month Clinical Outcomes After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2017 , 36, 1467-1476	3.1	42
110	Identifying causes for poor visual outcome after DSEK/DSAEK following secondary DMEK in the same eye. <i>Acta Ophthalmologica</i> , 2013 , 91, 131-9	3.7	41
109	Hemi-Descemet membrane endothelial keratoplasty transplantation: a potential method for increasing the pool of endothelial graft tissue. <i>JAMA Ophthalmology</i> , 2014 , 132, 1469-73	3.9	39
108	Association Between Graft Storage Time and Donor Age With Endothelial Cell Density and Graft Adherence After Descemet Membrane Endothelial Keratoplasty. <i>JAMA Ophthalmology</i> , 2016 , 134, 91-4	3.9	38
107	Endothelial cell density after descemet membrane endothelial keratoplasty: 1 to 5-year follow-up. <i>American Journal of Ophthalmology</i> , 2012 , 154, 762-3	4.9	35
106	Bowman layer transplantation: 5-year results. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 1151-1158	3.8	34
105	Secondary DMEK for poor visual outcome after DSEK: donor posterior stroma may limit visual acuity in endothelial keratoplasty. <i>Cornea</i> , 2010 , 29, 1278-83	3.1	33
104	Endothelial cell changes as an indicator for upcoming allograft rejection following descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2014 , 158, 485-95	4.9	32
103	Clinical Outcome of Rebubbling for Graft Detachment After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2017 , 36, 771-776	3.1	30
102	Optical quality of the cornea after Descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2014 , 158, 71-79.e1	4.9	29
101	Isolated Bowman layer transplantation to manage persistent subepithelial haze after excimer laser surface ablation. <i>Journal of Cataract and Refractive Surgery</i> , 2010 , 36, 1036-41	2.3	29
100	Donor Tissue Preparation for Bowman Layer Transplantation. <i>Cornea</i> , 2016 , 35, 1499-1502	3.1	28
99	Outcomes of phacoemulsification after Descemet membrane endothelial keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 836-40	2.3	28
98	Variation in healing throughout the depth of long-term, unsutured, corneal wounds in human autopsy specimens and monkeys. <i>JAMA Ophthalmology</i> , 1994 , 112, 100-9		28

97	Five-Year Graft Survival and Clinical Outcomes of 500 Consecutive Cases After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2020 , 39, 290-297	3.1	28
96	Two-Year Refractive Outcomes After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2016 , 35, 1548-1555	3.1	27
95	Clinical Outcomes of Descemet Membrane Endothelial Keratoplasty in Eyes With a Glaucoma Drainage Device. <i>American Journal of Ophthalmology</i> , 2019 , 199, 150-158	4.9	27
94	Outcome and Histopathology of Secondary Penetrating Keratoplasty Graft Failure Managed by Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2017 , 36, 777-784	3.1	26
93	Quarter-Descemet membrane endothelial keratoplasty (Quarter-DMEK) for Fuchs endothelial corneal dystrophy: 6 months clinical outcome. <i>British Journal of Ophthalmology</i> , 2018 , 102, 1425-1430	5.5	26
92	Epithelial-stromal interactions in human keratotomy wound healing. <i>JAMA Ophthalmology</i> , 1995 , 113, 1124-30		26
91	Corneal Densitometry and Higher Order Aberrations After Bowman Layer Transplantation: 1-Year Results. <i>Cornea</i> , 2016 , 35, 959-66	3.1	26
90	Rebubbling Techniques for Graft Detachment After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2016 , 35, 759-64	3.1	26
89	Descemet Membrane Endothelial Keratoplasty: Ten-Year Graft Survival and Clinical Outcomes. <i>American Journal of Ophthalmology</i> , 2020 , 217, 114-120	4.9	26
88	Potential causes of incomplete visual rehabilitation at 6 months postoperative after descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2013 , 156, 780-8	4.9	24
87	Histopathologic Features of Descemet Membrane Endothelial Keratoplasty Graft Remnants, Folds, and Detachments. <i>Ophthalmology</i> , 2016 , 123, 2489-2497	7.3	24
86	Case Report of Quarter-Descemet Membrane Endothelial Keratoplasty for Fuchs Endothelial Dystrophy. <i>Cornea</i> , 2017 , 36, 104-107	3.1	23
85	Preliminary outcome of hemi-Descemet membrane endothelial keratoplasty for Fuchs endothelial dystrophy. <i>British Journal of Ophthalmology</i> , 2016 , 100, 1564-1568	5.5	23
84	Donor Tissue Preparation for Descemet Membrane Endothelial Keratoplasty: An Updated Review. <i>Cornea</i> , 2018 , 37, 128-135	3.1	21
83	Descemet membrane endothelial transfer. <i>Current Opinion in Ophthalmology</i> , 2014 , 25, 353-7	5.1	21
82	Bowman layer transplantation in the treatment of keratoconus. <i>Eye and Vision (London, England)</i> , 2018 , 5, 24	4.9	21
81	Graft preparation for hemi-Descemet membrane endothelial keratoplasty (hemi-DMEK). <i>British Journal of Ophthalmology</i> , 2016 , 100, 420-4	5.5	20
80	Incidence of irregular astigmatism eligible for contact lens fitting after Descemet membrane endothelial keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2013 , 39, 1036-46	2.3	20

79	Incidence of recipient Descemet membrane remnants at the donor-to-stromal interface after descemetorhexis in endothelial keratoplasty. <i>British Journal of Ophthalmology</i> , 2010 , 94, 1689-90	5.5	20
78	Persistent corneal edema after descemetorhexis without corneal graft implantation in a case of fuchs endothelial dystrophy. <i>Cornea</i> , 2011 , 30, 248-9	3.1	18
77	Effect of Surgical Indication and Preoperative Lens Status on Descemet Membrane Endothelial Keratoplasty Outcomes. <i>American Journal of Ophthalmology</i> , 2020 , 212, 79-87	4.9	18
76	Changes in color vision and contrast sensitivity after descemet membrane endothelial keratoplasty for fuchs endothelial dystrophy. <i>Cornea</i> , 2014 , 33, 1010-5	3.1	17
75	One year outcome of hemi-Descemet membrane endothelial keratoplasty. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2015 , 253, 1955-8	3.8	16
74	Outcomes of Hemi-Descemet Membrane Endothelial Keratoplasty for Fuchs Endothelial Corneal Dystrophy. <i>Cornea</i> , 2018 , 37, 854-858	3.1	16
73	Descemet Membrane Endothelial Transfer: Ultimate Outcome. <i>Cornea</i> , 2018 , 37, 141-144	3.1	16
72	Are Descemet Membrane Ruptures the Root Cause of Corneal Hydrops in Keratoconic Eyes?. <i>American Journal of Ophthalmology</i> , 2019 , 205, 147-152	4.9	15
71	Combined chlorhexidine and PVP-I decontamination of human donor eyes prior to corneal preservation. <i>Cell and Tissue Banking</i> , 2012 , 13, 333-9	2.2	15
70	Do we overestimate the endothelial cell "loss" after descemet membrane endothelial keratoplasty?. <i>Current Eye Research</i> , 2013 , 38, 260-5	2.9	15
69	Evaluation of the Suitability of Biocompatible Carriers as Artificial Transplants Using Cultured Porcine Corneal Endothelial Cells. <i>Current Eye Research</i> , 2019 , 44, 243-249	2.9	15
68	Ten-Year Clinical Outcome of the First Patient Undergoing Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2017 , 36, 379-381	3.1	14
67	Technical feasibility of isolated Bowman layer graft preparation by femtosecond laser: a pilot study. <i>European Journal of Ophthalmology</i> , 2017 , 27, 675-677	1.9	14
66	Validity of Bowman layer transplantation for keratoconus: visual performance at 5-7 years. <i>Acta Ophthalmologica</i> , 2018 , 96, e901-e902	3.7	14
65	360-Degree Scheimpflug Imaging to Predict Allograft Rejection After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2016 , 35, 1385-1390	3.1	13
64	In Vivo Endothelial Cell Density Decline in the Early Postoperative Phase After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2018 , 37, 673-677	3.1	13
63	Descemet Membrane Endothelial Keratoplasty for a Decompensated Penetrating Keratoplasty Graft in the Presence of a Long Glaucoma Tube. <i>Cornea</i> , 2015 , 34, 1613-6	3.1	13
62	Postmortem ultrastructural analysis of a cornea transplanted with Descemet membrane endothelial keratoplasty. <i>Cornea</i> , 2014 , 33, 790-4	3.1	13

61	Novel Heavy Dyes for retinal membrane staining during macular surgery: multicenter clinical assessment. <i>Acta Ophthalmologica</i> , 2014 , 92, 339-44	3.7	13
60	Changes in corneal endothelial cell profile measurements after deep anterior lamellar keratoplasty for keratoconus. <i>Cornea</i> , 2013 , 32, 751-6	3.1	13
59	Phacoemulsification after Descemet membrane endothelial keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2009 , 35, 1314-5	2.3	13
58	Update on Bowman layer transplantation. <i>Current Opinion in Ophthalmology</i> , 2019 , 30, 249-255	5.1	13
57	Use of intraoperative anterior segment optical coherence tomography for Bowman layer transplantation. <i>Acta Ophthalmologica</i> , 2019 , 97, e1031-e1032	3.7	12
56	Clinical feasibility of using multiple grafts from a single donor for Quarter-DMEK. <i>Acta Ophthalmologica</i> , 2018 , 96, e656-e658	3.7	12
55	Surgical step to facilitate phacoemulsification after Descemet membrane endothelial keratoplasty. <i>Journal of Cataract and Refractive Surgery</i> , 2012 , 38, 1106-7	2.3	10
54	Descemet membrane endothelial keratoplasty and refractive surgery. <i>Current Opinion in Ophthalmology</i> , 2017 , 28, 316-325	5.1	9
53	Quarter-Descemet Membrane Endothelial Keratoplasty: One- to Two-Year Clinical Outcomes. <i>Cornea</i> , 2020 , 39, 277-282	3.1	9
52	Parameters Associated With Endothelial Cell Density Variability After Descemet Membrane Endothelial Keratoplasty. <i>American Journal of Ophthalmology</i> , 2020 , 211, 22-30	4.9	9
51	First DLEK series: 10-year follow-up. <i>Ophthalmology</i> , 2011 , 118, 424.e1-3	7.3	8
50	Asymmetrical endothelial cell migration from in vitro Quarter-Descemet membrane endothelial keratoplasty grafts. <i>Acta Ophthalmologica</i> , 2018 , 96, 828-833	3.7	8
49	Evaluation and Transplantation of Human Corneal Endothelial Cells Cultured on Biocompatible Carriers. <i>Cell Transplantation</i> , 2020 , 29, 963689720923577	4	7
48	Atypical Presentation of Iridocorneal Endothelial Syndrome With Band Keratopathy but No Corneal Edema Managed With Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2018 , 37, 1064-1066	3.1	7
47	Refining the Terminology of Graft Failure in Reports on Endothelial Keratoplasty Outcomes. <i>JAMA Ophthalmology</i> , 2016 , 134, 125-6	3.9	7
46	Potential benefits of modified corneal tissue grafts for keratoconus: Bowman layer QlayQ and QnlayQ transplantation, and allogenic tissue ring segments. <i>Current Opinion in Ophthalmology</i> , 2020 , 31, 276-283	5.1	6
45	Sex Chromosome Analysis of Postmortem Corneal Endothelium After Sex-Mismatch Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2017 , 36, 11-16	3.1	6
44	3-Year update on the first case series of hemi-Descemet membrane endothelial keratoplasty. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017 , 255, 213-215	3.8	6

43	Radial graft contraction may relate to subnormal visual acuity in Descemet stripping (automated) endothelial keratoplasty. <i>British Journal of Ophthalmology</i> , 2010 , 94, 951-3	5.5	6
42	Influence of Intraoperative Air Tamponade Time on Graft Adherence in Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2019 , 38, 166-172	3.1	6
41	Descemet Membrane Endothelial Keratoplasty Failure Associated with Innate Immune Activation. <i>Ophthalmology</i> , 2019 , 126, 1462-1464	7.3	5
40	Dehydration of corneal anterior donor tissue with polyethylene glycol (PEG)-enriched media. <i>Cell and Tissue Banking</i> , 2015 , 16, 399-409	2.2	5
39	Effect of Six-Month Postoperative Endothelial Cell Density on Graft Survival after Descemet Membrane Endothelial Keratoplasty. <i>Ophthalmology</i> , 2021 , 128, 1689-1698	7.3	4
38	Dark Endothelial Spots After Descemet Membrane Endothelial Keratoplasty May Appear as Recurrent Fuchs Dystrophy or Herald Graft Failure or Rejection. <i>Cornea</i> , 2017 , 36, 1480-1485	3.1	3
37	Fuchs endothelial corneal dystrophy: current treatment recommendations and experimental surgical options. <i>Expert Review of Ophthalmology</i> , 2015 , 10, 301-312	1.5	3
36	DMEK in Super-Seniors: Clinical Outcomes of Descemet Membrane Endothelial Keratoplasty Performed in Patients ≥90 Years Old. <i>Current Eye Research</i> , 2020 , 45, 1031-1035	2.9	3
35	Combined specular microscopy and Scheimpflug imaging to improve detection of an upcoming allograft rejection after DMEK. <i>Acta Ophthalmologica</i> , 2020 , 98, 261-266	3.7	3
34	Endothelial Cell Density Changes in the Corneal Center Versus Paracentral Areas After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2020 , 39, 1091-1095	3.1	3
33	In vitro endothelial cell migration from limbal edge-modified Quarter-DMEK grafts. <i>PLoS ONE</i> , 2019 , 14, e0225462	3.7	3
32	Phacoemulsification After Descemet Membrane Endothelial Keratoplasty: Incidence and Influence on Endothelial Cell Density. <i>Journal of Refractive Surgery</i> , 2021 , 37, 119-125	3.3	3
31	Manual mid-stromal dissection as a low risk procedure to stabilize mild to moderate progressive keratoconus. <i>Eye and Vision (London, England)</i> , 2018 , 5, 26	4.9	3
30	Three-quarter DMEK in eyes with glaucoma draining devices to avoid secondary graft failure. <i>Acta Ophthalmologica</i> , 2021 , 99, 569-574	3.7	2
29	Intrastromal Descemet Membrane Transplantation as a Potential Alternative to Bowman Layer Inlays in Eyes With Advanced Keratoconus. <i>Eye and Contact Lens</i> , 2021 , 47, 223-225	3.2	2
28	In Vitro Evaluation of the Feasibility of Slit-Lamp Nd: YAG Laser Descemetorhexis. <i>Cornea</i> , 2020 , 39, 229-233	3.3	2
27	Reply to a Comment: Clinical Outcomes of Descemet Membrane Endothelial Keratoplasty in Eyes With a Glaucoma Drainage Device. <i>American Journal of Ophthalmology</i> , 2019 , 208, 440-441	4.9	1
26	Quantitative Assessment of Aqueous Flare After Descemet Membrane Endothelial Keratoplasty for Fuchs Endothelial Dystrophy. <i>Cornea</i> , 2018 , 37, 848-853	3.1	1

25	DMEK complications: current treatment and recommendations. <i>Expert Review of Ophthalmology</i> , 2018 , 13, 33-46	1.5	1
24	Corneal Tomographic Changes After UV Cross-Linking for Corneal Ectasia (1-Year Results). <i>Cornea</i> , 2017 , 36, 1498-1502	3.1	1
23	Evolution of Posterior Lamellar Keratoplasty: PK DLEK DSEK/DSAEK DMEK DMET 2017 , 73-85		1
22	Bowman Layer Transplantation for Advanced Keratoconus 2019 , 317-325		1
21	New developments in corneal endothelial cell replacement. <i>Acta Ophthalmologica</i> , 2021 , 99, 712-729	3.7	1
20	Bowman Layer Transplantation-A Review. <i>Asia-Pacific Journal of Ophthalmology</i> , 2020 , 9, 565-570	3.5	1
19	Bowman Layer Onlay Transplantation to Manage Herpes Corneal Scar. <i>Cornea</i> , 2020 , 39, 1164-1166	3.1	1
18	Toward a Paradigm Shift in the Therapeutic Approach to Fuchs Endothelial Corneal Dystrophy. <i>JAMA Ophthalmology</i> , 2021 , 139, 431-432	3.9	1
17	Endothelial Cell Viability after DMEK Graft Preparation. <i>Current Eye Research</i> , 2021 , 46, 1621-1630	2.9	1
16	Updates in anterior lamellar keratoplasty: the state of the debates. <i>Expert Review of Ophthalmology</i> , 2016 , 11, 339-346	1.5	1
15	In keratoconic eyes, corneal hydrops may occur despite an intact Descemet membrane. <i>Acta Ophthalmologica</i> , 2021 , 99, e967-e968	3.7	0
14	Misconceptions in DMEK surgery. <i>Acta Ophthalmologica</i> , 2021 ,	3.7	0
13	Hydrops after corneal perforation during manual deep anterior lamellar keratoplasty for keratoconus. <i>Acta Ophthalmologica</i> , 2020 , 98, e522-e523	3.7	0
12	Bowman Layer Onlay Graft for Reducing Fluctuation in Visual Acuity After Previous Radial Keratotomy. <i>Cornea</i> , 2020 , 39, 1303-1306	3.1	0
11	Bowman Layer Onlay Grafting: Proof-of-Concept of a New Technique to Flatten Corneal Curvature and Reduce Progression in Keratoconus. <i>Cornea</i> , 2021 , 40, 1561-1566	3.1	0
10	Descemet Membrane Endothelial Keratoplasty and Bowman Layer Transplantation: An Anatomic Review and Historical Survey. <i>Ophthalmic Research</i> , 2021 , 64, 532-553	2.9	0
9	Preclinical testing of small diameter Descemet membrane endothelial keratoplasty grafts to increase tissue availability. <i>PLoS ONE</i> , 2021 , 16, e0246516	3.7	0
8	Evolving Techniques and Indications of Descemet Membrane Endothelial Keratoplasty.. <i>Türk Oftalmoloji Dergisi</i> , 2021 , 51, 381-392	1.2	0

- 7 Deep Lamellar Endothelial Keratoplasty Clinical Outcome: The 13- to 18-year Follow-up. *Ophthalmology*, **2017**, 124, 743-744 7.3
- 6 Descemet Membran Endothelkeratoplastik (DMEK) und/oder Phakoemulsifikation in phaken Augen mit Hornhautendotheldystrophie. *Spektrum Der Augenheilkunde*, **2015**, 29, 19-24 0
- 5 Reply. *Cornea*, **2017**, 36, e8-e9 3.1
- 4 The influence of preparation and storage time on endothelial cells in Quarter-Descemet membrane endothelial keratoplasty (Quarter-DMEK) grafts in vitro. *Cell and Tissue Banking*, **2020**, 21, 615-623 2.2
- 3 A case of severe corneal flattening after Descemet stripping endothelial keratoplasty. *European Journal of Ophthalmology*, **2015**, 26, e4-7 1.9
- 2 Reflections on the Barcelona Principles-Planning for the Future. *Cornea*, **2019**, 38, e8 3.1
- 1 Improving Endothelial Explant Tissue Culture by Novel Thermoresponsive Cell Culture System. *Current Eye Research*, **2021**, 46, 290-293 2.9