

Claus Cursiefen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3333384/publications.pdf>

Version: 2024-02-01

357
papers

17,751
citations

19657
61
h-index

28297
105
g-index

508
all docs

508
docs citations

508
times ranked

8861
citing authors

#	ARTICLE	IF	CITATIONS
1	VEGF-A stimulates lymphangiogenesis and hemangiogenesis in inflammatory neovascularization via macrophage recruitment. <i>Journal of Clinical Investigation</i> , 2004, 113, 1040-1050.	8.2	872
2	Inflammation-induced lymphangiogenesis in the cornea arises from CD11b-positive macrophages. <i>Journal of Clinical Investigation</i> , 2005, 115, 2363-2372.	8.2	608
3	Descemet Membrane Endothelial Keratoplasty Versus Descemet Stripping Automated Endothelial Keratoplasty. <i>American Journal of Ophthalmology</i> , 2012, 153, 1082-1090.e2.	3.3	373
4	Influence of Photodynamic Therapy on Expression of Vascular Endothelial Growth Factor (VEGF), VEGF Receptor 3, and Pigment Epithelium-Derived Factor. , 2003, 44, 4473.		329
5	Bevacizumab as a Potent Inhibitor of Inflammatory Corneal Angiogenesis and Lymphangiogenesis. , 2007, 48, 2545.		310
6	Inhibition of Hemangiogenesis and Lymphangiogenesis after Normal-Risk Corneal Transplantation by Neutralizing VEGF Promotes Graft Survival. , 2004, 45, 2666.		304
7	A Stepwise Approach to Donor Preparation and Insertion Increases Safety and Outcome of Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2011, 30, 580-587.	1.7	269
8	Cutting Edge: Lymphatic Vessels, Not Blood Vessels, Primarily Mediate Immune Rejections After Transplantation. <i>Journal of Immunology</i> , 2010, 184, 535-539.	0.8	263
9	Nonvascular VEGF receptor 3 expression by corneal epithelium maintains avascularity and vision. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11405-11410.	7.1	242
10	Corneal Lymphangiogenesis. <i>Cornea</i> , 2003, 22, 273-281.	1.7	211
11	Corneal Neovascularization as a Risk Factor for Graft Failure and Rejection after Keratoplasty. <i>Ophthalmology</i> , 2010, 117, 1300-1305.e7.	5.2	210
12	Vascular endothelial growth factor receptor-3 mediates induction of corneal alloimmunity. <i>Nature Medicine</i> , 2004, 10, 813-815.	30.7	203
13	Corneal Higher-Order Aberrations after Descemet's Membrane Endothelial Keratoplasty. <i>Ophthalmology</i> , 2012, 119, 528-535.	5.2	203
14	Optimizing Descemet Membrane Endothelial Keratoplasty Using Intraoperative Optical Coherence Tomography. <i>JAMA Ophthalmology</i> , 2013, 131, 1135.	2.5	198
15	Phase II Randomized, Double-Masked, Vehicle-Controlled Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018, 125, 1332-1343.	5.2	188
16	Trends in Corneal Transplantation from 2001 to 2016 in Germany: A Report of the DOG's Section Cornea and its Keratoplasty Registry. <i>American Journal of Ophthalmology</i> , 2018, 188, 91-98.	3.3	177
17	Time Course of Angiogenesis and Lymphangiogenesis After Brief Corneal Inflammation. <i>Cornea</i> , 2006, 25, 443-447.	1.7	174
18	Immune reactions after modern lamellar (DALK, DSAEK, DMEK) versus conventional penetrating corneal transplantation. <i>Progress in Retinal and Eye Research</i> , 2019, 73, 100768.	15.5	173

#	ARTICLE	IF	CITATIONS
19	Immune Privilege and Angiogenic Privilege of the Cornea. , 2007, 92, 50-57.		168
20	Roles of Thrombospondin-1 and -2 in Regulating Corneal and Iris Angiogenesis. , 2004, 45, 1117.		165
21	Bevacizumab (Avastin) eye drops inhibit corneal neovascularization. Graefe's Archive for Clinical and Experimental Ophthalmology, 2008, 246, 281-284.	1.9	161
22	Bacterial keratitis early after corneal crosslinking with riboflavin and ultraviolet-A. Journal of Cataract and Refractive Surgery, 2009, 35, 588-589.	1.5	156
23	Short- and long-term safety profile and efficacy of topical bevacizumab (Avastin®) eye drops against corneal neovascularization. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 1375-1382.	1.9	154
24	Novel anti(lymph)angiogenic treatment strategies for corneal and ocular surface diseases. Progress in Retinal and Eye Research, 2013, 34, 89-124.	15.5	151
25	Thrombospondin 1 inhibits inflammatory lymphangiogenesis by CD36 ligation on monocytes. Journal of Experimental Medicine, 2011, 208, 1083-1092.	8.5	150
26	Lymphatic vessels in vascularized human corneas: immunohistochemical investigation using LYVE-1 and podoplanin. Investigative Ophthalmology and Visual Science, 2002, 43, 2127-35.	3.3	149
27	The Pathogenesis of Floppy Eyelid Syndrome Involvement of matrix metalloproteinases in elastic fiber degradation. Ophthalmology, 2005, 112, 694-704.	5.2	141
28	Descemet Membrane Endothelial Keratoplasty Combined With Phacoemulsification and Intraocular Lens Implantation: Advanced Triple Procedure. American Journal of Ophthalmology, 2012, 154, 47-55.e2.	3.3	140
29	Split Cornea Transplantation for 2 Recipients. Ophthalmology, 2011, 118, 294-301.	5.2	133
30	Promotion of Graft Survival by Vascular Endothelial Growth Factor A Neutralization After High-Risk Corneal Transplantation. JAMA Ophthalmology, 2008, 126, 71.	2.4	129
31	Changing Indications for Penetrating Keratoplasty. Cornea, 1998, 17, 468-470.	1.7	128
32	Diagnosis and Treatment of Ocular Chronic Graft-Versus-Host Disease: Report From the German, Austrian, and Swiss Consensus Conference on Clinical Practice in Chronic GVHD. Cornea, 2012, 31, 299-310.	1.7	128
33	Wound-Healing Studies in Cornea and Skin: Parallels, Differences and Opportunities. International Journal of Molecular Sciences, 2017, 18, 1257.	4.1	127
34	Tear Film Osmolarity Measurements in Dry Eye Disease Using Electrical Impedance Technology. Cornea, 2011, 30, 1289-1292.	1.7	124
35	Migraine and tension headache in high-pressure and normal-pressure glaucoma. American Journal of Ophthalmology, 2000, 129, 102-104.	3.3	123
36	Immunohistochemical Localization of Vascular Endothelial Growth Factor, Transforming Growth Factor β 1, and Transforming Growth Factor β 21 in Human Corneas with Neovascularization. Cornea, 2000, 19, 526-533.	1.7	117

#	ARTICLE	IF	CITATIONS
37	A Method to Confirm Correct Orientation of Descemet Membrane During Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2010, 149, 922-925.e2.	3.3	116
38	Angiogenesis in Corneal Diseases. Cornea, 1998, 17, 611.	1.7	110
39	GS-101 Antisense Oligonucleotide Eye Drops Inhibit Corneal Neovascularization. Ophthalmology, 2009, 116, 1630-1637.	5.2	109
40	Incidence and Clinical Course of Immune Reactions after Descemet Membrane Endothelial Keratoplasty. Ophthalmology, 2017, 124, 512-518.	5.2	106
41	Changing Indications in Penetrating Keratoplasty. Transplantation, 2017, 101, 1387-1399.	1.0	106
42	Long-term Topical Steroid Treatment Improves Graft Survival Following Normal-risk Penetrating Keratoplasty. American Journal of Ophthalmology, 2007, 144, 318-319.	3.3	105
43	Inhibition of Inflammatory Lymphangiogenesis by Integrin $\alpha 5$ Blockade. American Journal of Pathology, 2007, 171, 361-372.	3.8	103
44	Risk factors for corneal allograft rejection: intermediate results of a prospective normal-risk keratoplasty study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2002, 240, 580-584.	1.9	98
45	Silicone oil-associated optic nerve degeneration. American Journal of Ophthalmology, 2001, 131, 392-394.	3.3	95
46	The Normal Human Choroid Is Endowed with a Significant Number of Lymphatic Vessel Endothelial Hyaluronate Receptor 1 (LYVE-1)-Positive Macrophages. , 2008, 49, 5222.		95
47	Optimising deep anterior lamellar keratoplasty (DALK) using intraoperative online optical coherence tomography (iOCT). British Journal of Ophthalmology, 2014, 98, 900-904.	3.9	92
48	Split Cornea Transplantation for 2 Recipients - Review of the First 100 Consecutive Patients. American Journal of Ophthalmology, 2011, 152, 523-532.e2.	3.3	90
49	Donor Tissue Culture Conditions and Outcome after Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2011, 151, 1007-1018.e2.	3.3	88
50	Aganirsen Antisense Oligonucleotide Eye Drops Inhibit Keratitis-Induced Corneal Neovascularization and Reduce Need for Transplantation. Ophthalmology, 2014, 121, 1683-1692.	5.2	88
51	Contribution of medical student research to the Medline TM -indexed publications of a German medical faculty. Medical Education, 1998, 32, 439-440.	2.1	87
52	Suppression of Inflammatory Corneal Lymphangiogenesis by Application of Topical Corticosteroids. JAMA Ophthalmology, 2011, 129, 445.	2.4	84
53	Impact of short-term versus long-term topical steroids on corneal neovascularization after non-high-risk keratoplasty. Graefe's Archive for Clinical and Experimental Ophthalmology, 2001, 239, 514-521.	1.9	83
54	Pericyte recruitment in human corneal angiogenesis: an ultrastructural study with clinicopathological correlation. British Journal of Ophthalmology, 2003, 87, 101-106.	3.9	83

#	ARTICLE	IF	CITATIONS
55	Intensified Topical Steroids as Prophylaxis for Macular Edema After Posterior Lamellar Keratoplasty Combined With Cataract Surgery. American Journal of Ophthalmology, 2016, 163, 174-179.e2.	3.3	81
56	Reproducibility of Graft Preparations in Descemet's Membrane Endothelial Keratoplasty. Ophthalmology, 2013, 120, 1769-1777.	5.2	80
57	Characterization of the Cleavage Plane in Descemet's Membrane Endothelial Keratoplasty. Ophthalmology, 2011, 118, 1950-1957.	5.2	77
58	Descemet Stripping Endothelial Keratoplasty. Deutsches Ärztblatt International, 2013, 110, 365-71.	0.9	77
59	Consensus statement on indications for anti-angiogenic therapy in the management of corneal diseases associated with neovascularisation: outcome of an expert roundtable. British Journal of Ophthalmology, 2012, 96, 3-9.	3.9	75
60	Fuchs Endothelial Corneal Dystrophy: Clinical, Genetic, Pathophysiologic, and Therapeutic Aspects. Annual Review of Vision Science, 2019, 5, 151-175.	4.4	75
61	Angioregressive Pretreatment of Mature Corneal Blood Vessels Before Keratoplasty. Cornea, 2012, 31, 887-892.	1.7	72
62	Consensus Statement on the Immunohistochemical Detection of Ocular Lymphatic Vessels. , 2014, 55, 6440.		71
63	Blockade of VEGFR3-signalling specifically inhibits lymphangiogenesis in inflammatory corneal neovascularisation. Graefe's Archive for Clinical and Experimental Ophthalmology, 2007, 246, 115-119.	1.9	70
64	Intravital Two-Photon Microscopy of Immune Cell Dynamics in Corneal Lymphatic Vessels. PLoS ONE, 2011, 6, e26253.	2.5	67
65	One-year outcome after Descemet membrane endothelial keratoplasty (DMEK) comparing sulfur hexafluoride (SF ₆) 20% versus 100% air for anterior chamber tamponade. British Journal of Ophthalmology, 2017, 101, 902-908.	3.9	67
66	Persisting Corneal Erosion Under Cetuximab (Erbix) Treatment (Epidermal Growth Factor Receptor) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	1.7	66
67	Multiple bilateral eyelid molluscum contagiosum lesions associated with TNF α -antibody and methotrexate therapy. American Journal of Ophthalmology, 2002, 134, 270-271.	3.3	64
68	Safety Profile of Topical VEGF Neutralization at the Cornea. , 2009, 50, 2095.		64
69	Inflammatory Corneal (Lymph)angiogenesis Is Blocked by VEGFR-Tyrosine Kinase Inhibitor ZK 261991, Resulting in Improved Graft Survival after Corneal Transplantation. , 2008, 49, 1836.		63
70	Changes in donor corneal lenticule thickness after Descemet's stripping automated endothelial keratoplasty (DSAEK) with organ-cultured corneas. British Journal of Ophthalmology, 2009, 93, 825-829.	3.9	62
71	Evolution of Consecutive Descemet Membrane Endothelial Keratoplasty Outcomes Throughout a 5-Year Period Performed by Two Experienced Surgeons. American Journal of Ophthalmology, 2018, 190, 171-178.	3.3	62
72	Prognostic Significance of Tumor-Associated Lymphangiogenesis in Malignant Melanomas of the Conjunctiva. Ophthalmology, 2011, 118, 2351-2360.	5.2	61

#	ARTICLE	IF	CITATIONS
73	Evidence for the interaction of fibroblast growth factor-2 with the lymphatic endothelial cell marker LYVE-1. <i>Blood</i> , 2013, 121, 1229-1237.	1.4	61
74	Topical Application of Soluble CD83 Induces IDO-Mediated Immune Modulation, Increases Foxp3+ T Cells, and Prolongs Allogeneic Corneal Graft Survival. <i>Journal of Immunology</i> , 2013, 191, 1965-1975.	0.8	60
75	Split Cornea Transplantation. <i>Ophthalmology</i> , 2013, 120, 899-907.	5.2	59
76	Antilymphangiogenic therapy to promote transplant survival and to reduce cancer metastasis: What can we learn from the eye?. <i>Seminars in Cell and Developmental Biology</i> , 2015, 38, 117-130.	5.0	58
77	Novel Expression and Characterization of Lymphatic Vessel Endothelial Hyaluronate Receptor 1 (LYVE-1) by Conjunctival Cells. , 2005, 46, 4536.		57
78	Intraocular Lymphangiogenesis in Malignant Melanomas of the Ciliary Body with Extraocular Extension. , 2009, 50, 1988.		57
79	Ophthalmological manifestations of Parry-Romberg syndrome. <i>Survey of Ophthalmology</i> , 2016, 61, 693-701.	4.0	57
80	Expression of vascular endothelial growth factor receptor-3 (VEGFR-3) on monocytic bone marrow-derived cells in the conjunctiva. <i>Experimental Eye Research</i> , 2004, 79, 553-561.	2.6	56
81	IL-10 Indirectly Regulates Corneal Lymphangiogenesis and Resolution of Inflammation via Macrophages. <i>American Journal of Pathology</i> , 2016, 186, 159-171.	3.8	56
82	Phase I Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018, 125, 1468-1471.	5.2	56
83	Pseudoexfoliation syndrome in eyes with ischemic central retinal vein occlusion. <i>Acta Ophthalmologica</i> , 2001, 79, 476-478.	0.3	55
84	Transient postoperative vascular endothelial growth factor (VEGF)-neutralisation improves graft survival in corneas with partly regressed inflammatory neovascularisation. <i>British Journal of Ophthalmology</i> , 2009, 93, 1075-1080.	3.9	55
85	The Maintenance of Lymphatic Vessels in the Cornea Is Dependent on the Presence of Macrophages. , 2012, 53, 3145.		55
86	Corneal (Lymph)angiogenesisâ€”From Bedside to Bench and Back: A Tribute to Judah Folkman. <i>Lymphatic Research and Biology</i> , 2008, 6, 191-201.	1.1	54
87	Evidence of Endothelial Cell Migration After Descemet Membrane Endothelial Keratoplasty. <i>American Journal of Ophthalmology</i> , 2011, 152, 537-542.e2.	3.3	54
88	Immediate Postoperative Intraocular Pressure Changes After Anterior Chamber Air Fill in Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2016, 35, 14-19.	1.7	54
89	Anterior segment optical coherence tomography for the diagnosis of corneal dystrophies according to the IC3D classification. <i>Survey of Ophthalmology</i> , 2018, 63, 365-380.	4.0	54
90	Novel Bruch's Membrane Opening Minimum Rim Area Equalizes Disc Size Dependency and Offers High Diagnostic Power for Glaucoma. , 2016, 57, 6596.		53

#	ARTICLE	IF	CITATIONS
91	Spontaneous Corneal Hem- and Lymphangiogenesis in Mice with Destrin-Mutation Depend on VEGFR3 Signaling. American Journal of Pathology, 2005, 166, 1367-1377.	3.8	51
92	Intraocular Tumor-Associated Lymphangiogenesis. Ophthalmology, 2010, 117, 334-342.	5.2	51
93	Pentacam-Based Big Bubble Deep Anterior Lamellar Keratoplasty in Patients with Keratoconus. Cornea, 2012, 31, 627-632.	1.7	50
94	Descemet Membrane Endothelial Keratoplasty. JAMA Ophthalmology, 2013, 131, 88.	2.5	50
95	Endothelial Cell MicroRNA Expression in Human Late-Onset Fuchs' Dystrophy. , 2014, 55, 216.		50
96	Intraoperative Optical Coherence Tomography in Children with Anterior Segment Anomalies. Ophthalmology, 2015, 122, 2582-2584.	5.2	50
97	Involvement of Corneal Lymphangiogenesis in a Mouse Model of Allergic Eye Disease. , 2015, 56, 3140.		49
98	Modified Hughes procedure for reconstruction of large full-thickness lower eyelid defects following tumor resection. European Journal of Medical Research, 2016, 21, 27.	2.2	49
99	Histologic Analysis of Descemet Stripping in Posterior Lamellar Keratoplasty. JAMA Ophthalmology, 2008, 126, 461.	2.4	48
100	Spectrum of Uveitis in A German Tertiary Center: Review of 474 Consecutive Patients. Ocular Immunology and Inflammation, 2015, 23, 346-352.	1.8	48
101	Semifluorinated Alkane Eye Drops for Treatment of Dry Eye Diseaseâ€”A Prospective, Multicenter Noninterventional Study. Journal of Ocular Pharmacology and Therapeutics, 2015, 31, 498-503.	1.4	48
102	Orbital involvement in cherubism. Ophthalmology, 2001, 108, 1884-1888.	5.2	47
103	UV light crosslinking regresses mature corneal blood and lymphatic vessels and promotes subsequent high-risk corneal transplant survival. American Journal of Transplantation, 2018, 18, 2873-2884.	4.7	47
104	Blockade of Insulin Receptor Substrate-1 Inhibits Corneal Lymphangiogenesis. , 2011, 52, 5778.		45
105	Artificial iris devices: Benefits, limitations, and management of complications. Journal of Cataract and Refractive Surgery, 2014, 40, 376-382.	1.5	45
106	Impact of Donor Age on Descemet Membrane Endothelial Keratoplasty Outcome: Evaluation of Donors Aged 17â€“55 Years. American Journal of Ophthalmology, 2016, 170, 119-127.	3.3	45
107	Tumor-Associated Lymphangiogenesis in the Development of Conjunctival Melanoma. , 2011, 52, 7074.		44
108	Matricellular Protein Thrombospondins: Influence on Ocular Angiogenesis, Wound Healing and Immunoregulation. Current Eye Research, 2014, 39, 759-774.	1.5	44

#	ARTICLE	IF	CITATIONS
109	Antiangiogenic Activity of Aganirsen in Nonhuman Primate and Rodent Models of Retinal Neovascular Disease after Topical Administration. , 2012, 53, 1195.		42
110	Small-Fiber Neuropathy Is Associated With Corneal Nerve and Dendritic Cell Alterations. Cornea, 2015, 34, 1114-1119.	1.7	42
111	Intraocular Lens Calcifications After (Triple-) Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2017, 179, 129-136.	3.3	41
112	Corneal confocal microscopy detects small fiber damage in chronic inflammatory demyelinating polyneuropathy (<scp>CIDP</scp>). Journal of the Peripheral Nervous System, 2014, 19, 322-327.	3.1	40
113	Risk of Corneal Graft Rejection After High-risk Keratoplasty Following Fine-needle Vessel Coagulation of Corneal Neovascularization Combined With Bevacizumab: A Pilot Study. Transplantation Direct, 2019, 5, e452.	1.6	39
114	Genetic Heterogeneity of Lymphangiogenesis in Different Mouse Strains. American Journal of Pathology, 2010, 177, 501-510.	3.8	38
115	Microbubble Incision as a New Rescue Technique for Big-Bubble Deep Anterior Lamellar Keratoplasty With Failed Bubble Formation. Cornea, 2013, 32, 125-129.	1.7	38
116	Lymphatic Vessels in the Development of Tissue and Organ Rejection. Advances in Anatomy, Embryology and Cell Biology, 2014, 214, 119-141.	1.6	38
117	Graft Detachment Pattern After Descemet Membrane Endothelial Keratoplasty Comparing Air Versus 20% SF6 Tamponade. Cornea, 2018, 37, 834-839.	1.7	38
118	Future Prospects: Assessment of Intraoperative Optical Coherence Tomography in<i>Ab Interno</i>Glaucoma Surgery. Current Eye Research, 2015, 40, 1288-1291.	1.5	37
119	Telemetric Intraocular Pressure Monitoring after Boston Keratoprosthesis Surgery Using the Eyemate-IO Sensor: Dynamics in the First Year. American Journal of Ophthalmology, 2019, 206, 256-263.	3.3	37
120	Absence of Blood and Lymphatic Vessels in the Developing Human Cornea. Cornea, 2006, 25, 722-726.	1.7	36
121	Treatment of severe chronic ocular graft-versus-host disease using 100% autologous serum eye drops from a sealed manufacturing system: a retrospective cohort study. British Journal of Ophthalmology, 2016, 101, bjophthalmol-2015-307666.	3.9	36
122	Label-Free In Vivo Imaging of Corneal Lymphatic Vessels Using Microscopic Optical Coherence Tomography. , 2017, 58, 5880.		36
123	Intraocular Lymphatics in Ciliary Body Melanomas With Extraocular Extension. JAMA Ophthalmology, 2010, 128, 1001.	2.4	35
124	Tumor-Associated Lymphangiogenesis in the Development of Conjunctival Squamous Cell Carcinoma. Ophthalmology, 2010, 117, 649-658.	5.2	35
125	Pressure-Induced Interlamellar Stromal Keratitis After Laser In Situ Keratomileusis. Cornea, 2011, 30, 920-923.	1.7	35
126	Rebound, Applanation, and Dynamic Contour Tonometry in Pathologic Corneas. Cornea, 2013, 32, 313-318.	1.7	35

#	ARTICLE	IF	CITATIONS
127	Intraoperative Optical Coherence Tomography. JAMA Ophthalmology, 2015, 133, 1133.	2.5	35
128	Adhesion Structures of Amniotic Membranes Integrated into Human Corneas. , 2006, 47, 1853.		34
129	Hepatitis C and Ocular Surface Disease. American Journal of Ophthalmology, 2007, 144, 705-711.e1.	3.3	34
130	Trabeculectomy Using Mitomycin C versus an Atelocollagen Implant: Clinical Results of a Randomized Trial and Histopathologic Findings. Ophthalmologica, 2014, 231, 133-140.	1.9	34
131	Photodynamic Therapy Leads to Time-Dependent Regression of Pathologic Corneal (Lymph) Angiogenesis and Promotes High-Risk Corneal Allograft Survival. , 2017, 58, 5862.		34
132	Corneal Densitometry as a Predictive Diagnostic Tool for Visual Acuity Results After Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2019, 198, 124-129.	3.3	34
133	Transcript profile of cellular senescence-related genes in Fuchs endothelial corneal dystrophy. Experimental Eye Research, 2014, 129, 13-17.	2.6	33
134	Topical Ranibizumab inhibits inflammatory corneal hemâ€and lymphangiogenesis. Acta Ophthalmologica, 2014, 92, 143-148.	1.1	33
135	Epithelialâ€Mesenchymal Transition (EMT)-Related Cytokines in the Aqueous Humor of Phakic and Pseudophakic Fuchs' Dystrophy Eyes. , 2015, 56, 2749.		33
136	Primary intraosseous cavernous hemangioma of the orbit. American Journal of Ophthalmology, 2001, 131, 151-152.	3.3	32
137	Corneal Neovascularization After Nonmechanical Versus Mechanical Corneal Trephination for Nonâ€High-risk Keratoplasty. Cornea, 2002, 21, 648-652.	1.7	32
138	The association between corneal neovascularization and visual acuity: a systematic review. Acta Ophthalmologica, 2013, 91, 12-19.	1.1	32
139	Two-Year Course of Corneal Densitometry After Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2017, 175, 60-67.	3.3	32
140	Transient Ingrowth of Lymphatic Vessels into the Physiologically Avascular Cornea Regulates Corneal Edema and Transparency. Scientific Reports, 2017, 7, 7227.	3.3	32
141	Mini-Descemet Membrane Endothelial Keratoplasty for the Early Treatment of Acute Corneal Hydrops in Keratoconus. Cornea, 2019, 38, 1043-1048.	1.7	32
142	Preexisting epiretinal membrane is associated with pseudophakic cystoid macular edema. Graefes Archive for Clinical and Experimental Ophthalmology, 2018, 256, 909-917.	1.9	31
143	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
144	Risk factors for endothelial cell loss after Descemet membrane endothelial keratoplasty (DMEK). Scientific Reports, 2020, 10, 11086.	3.3	31

#	ARTICLE	IF	CITATIONS
145	A missing link between SARS-CoV-2 and the eye?: ACE2 expression on the ocular surface. Journal of Medical Virology, 2021, 93, 78-79.	5.0	31
146	Oculocerebral Non-Hodgkin's Lymphoma With Uveal Involvement_{title}Development of an Epibulbar Tumor After Vitrectomy_{title}. JAMA Ophthalmology, 2000, 118, 1437.	2.4	30
147	Enrichment of Lymphatic Vessel Endothelial Hyaluronan Receptor 1 (LYVE1)-Positive Macrophages Around Blood Vessels in the Normal Human Sclera. , 2014, 55, 865.		30
148	Absence of lymphatic vessels in the developing human sclera. Experimental Eye Research, 2014, 125, 203-209.	2.6	30
149	Corneal nerve alterations in different stages of Fuchs's™ endothelial corneal dystrophy: an in vivo confocal microscopy study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1119-1126.	1.9	30
150	Evidence of Donor Corneal Endothelial Cell Migration From Immune Reactions Occurring After Descemet Membrane Endothelial Keratoplasty. Cornea, 2014, 33, 331-334.	1.7	29
151	Regression of mature lymphatic vessels in the cornea by photodynamic therapy. British Journal of Ophthalmology, 2014, 98, 391-395.	3.9	29
152	Subepidermal Calcified Nodule. JAMA Ophthalmology, 1998, 116, 1254.	2.4	28
153	Intraoperative Optical Coherence Tomography Enables Noncontact Imaging During Canaloplasty. Journal of Glaucoma, 2016, 25, 236-238.	1.6	28
154	Evaluation of two-dimensional Bruch's membrane opening minimum rim area for glaucoma diagnostics in a large patient cohort. Acta Ophthalmologica, 2019, 97, 60-67.	1.1	28
155	Ocular Findings in Ichthyosis Follicularis, Atrichia, and Photophobia Syndrome. JAMA Ophthalmology, 1999, 117, 681.	2.4	27
156	Descemet Membrane Endothelial Keratoplasty in Eyes with Glaucoma Implants. Optometry and Vision Science, 2013, 90, e241-e244.	1.2	27
157	Characterization of Antigen-Presenting Macrophages and Dendritic Cells in the Healthy Human Sclera. , 2016, 57, 4878.		27
158	Impact of preoperative visual acuity on Descemet Membrane Endothelial Keratoplasty (DMEK) outcome. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 321-329.	1.9	27
159	Spontaneous long-term course of persistent peripheral graft detachments after Descemet's™ membrane endothelial keratoplasty. British Journal of Ophthalmology, 2015, 99, 768-772.	3.9	26
160	ALCAM Mediates DC Migration Through Afferent Lymphatics and Promotes Allospecific Immune Reactions. Frontiers in Immunology, 2019, 10, 759.	4.8	26
161	The Cologne rebubbling study: a reappraisal of 624 rebubbings after Descemet membrane endothelial keratoplasty. British Journal of Ophthalmology, 2021, 105, 1082-1086.	3.9	26
162	Macrophage-Mediated Tissue Vascularization: Similarities and Differences Between Cornea and Skin. Frontiers in Immunology, 2021, 12, 667830.	4.8	26

#	ARTICLE	IF	CITATIONS
163	Invasion of Lymphatic Vessels into the Eye after Open Globe Injuries. , 2012, 53, 3717.		25
164	Identification of Novel Endogenous Anti(lymph)angiogenic Factors in the Aqueous Humor. , 2016, 57, 6554.		25
165	Neuroretinal rim in non-glaucomatous large optic nerve heads: a comparison of confocal scanning laser tomography and spectral domain optical coherence tomography. British Journal of Ophthalmology, 2017, 101, 138-142.	3.9	25
166	Tumour-associated lymphangiogenesis in conjunctival malignant melanoma. British Journal of Ophthalmology, 2009, 93, 1529-1534.	3.9	24
167	Use of Accidentally Torn Descemet Membrane to Successfully Complete Descemet Membrane Endothelial Keratoplasty. Cornea, 2013, 32, 1418-1422.	1.7	24
168	Fine Needle-Diathermy Regresses Pathological Corneal (Lymph)Angiogenesis and Promotes High-Risk Corneal Transplant Survival. Scientific Reports, 2018, 8, 5707.	3.3	24
169	A new surgical triple procedure in pseudoexfoliation glaucoma using cataract surgery, Trabectome, and trabecular aspiration. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 1971-1975.	1.9	23
170	Advantages of microscope-integrated intraoperative online optical coherence tomography: usage in Boston keratoprosthesis type I surgery. Journal of Biomedical Optics, 2016, 21, 016005.	2.6	23
171	Intraday Repeatability of Bruch's Membrane Opening-Based Neuroretinal Rim Measurements. , 2017, 58, 5195.		23
172	Surgery-Related Factors Influencing Corneal Neovascularization After Low-Risk Keratoplasty. American Journal of Ophthalmology, 2006, 141, 260-266.e2.	3.3	22
173	Myofibroblast Metaplasia After Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2011, 151, 1019-1023.e2.	3.3	22
174	Prospective, Randomized, Controlled Comparison of SYSTANE UD Eye Drops Versus VISINE INTENSIV 1% EDO Eye Drops for the Treatment of Moderate Dry Eye. Journal of Ocular Pharmacology and Therapeutics, 2012, 28, 598-603.	1.4	22
175	Impact of the Polymorphangiogenic Crosstalk in the Tumor Microenvironment on Lymphatic Cancer Metastasis. BioMed Research International, 2014, 2014, 1-14.	1.9	22
176	Corneal Nerve Alterations After Descemet Membrane Endothelial Keratoplasty. Cornea, 2014, 33, 1134-1139.	1.7	22
177	Microscope-Integrated Optical Coherence Tomography-Guided Drainage of Acute Corneal Hydrops in Keratoconus Combined With Suturing and Gas-Aided Reattachment of Descemet Membrane. Cornea, 2019, 38, 1058-1061.	1.7	22
178	Morphometric analysis of postoperative corneal neovascularization after high-risk keratoplasty: herpetic versus non-herpetic disease. Graefe's Archive for Clinical and Experimental Ophthalmology, 2012, 250, 1663-1671.	1.9	21
179	Previous cyclodestruction is a risk factor for late-onset hypotony and suprachoroidal haemorrhage after glaucoma drainage device surgery. British Journal of Ophthalmology, 2013, 97, 715-719.	3.9	21
180	Ocular diseases in metastatic cutaneous melanoma: review of 108 consecutive patients in two German tertiary centers. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 679-685.	1.9	21

#	ARTICLE	IF	CITATIONS
181	Blockade of the VEGF isoforms in inflammatory corneal hemangiogenesis and lymphangiogenesis. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 943-949.	1.9	21
182	A Novel Model of Metastatic Conjunctival Melanoma in Immune-Competent Mice. , 2015, 56, 5965.		21
183	In Situ Corneal Cross-Linking for Recurrent Corneal Melting After Boston Type 1 Keratoprosthesis. Cornea, 2016, 35, 884-887.	1.7	21
184	Intraoperative changes in corneal structure during excimer laser phototherapeutic keratectomy (PTK) assessed by intraoperative optical coherence tomography. Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 575-581.	1.9	21
185	Structural Reversal of Disc Cupping After Trabeculectomy Alters Bruch Membrane Openingâ€‘Based Parameters to Assess Neuroretinal Rim. American Journal of Ophthalmology, 2018, 194, 143-152.	3.3	21
186	Corneal Crosslinking to Regress Pathologic Corneal Neovascularization Before High-Risk Keratoplasty. Cornea, 2021, 40, 147-155.	1.7	21
187	Blood-aqueous barrier breakdown after penetrating keratoplasty with simultaneous extracapsular cataract extraction and posterior chamber lens implantation. , 2001, 239, 114-117.		20
188	Orbital lymphangioma with positive immunohistochemistry of lymphatic endothelial markers (vascular endothelial growth factor receptor 3 and podoplanin). , 2001, 239, 628-632.		20
189	Autocrine Impact of VEGF-A on Uveal Melanoma Cells. , 2014, 55, 2697.		20
190	High-Dose Subconjunctival Cyclosporine A Implants Do Not Affect Corneal Neovascularization after High-Risk Keratoplasty. Ophthalmology, 2014, 121, 1677-1682.	5.2	20
191	Unmet Needs in Ophthalmology: A European Vision Institute-Consensus Roadmap 2019â€‘2025. Ophthalmic Research, 2019, 62, 123-133.	1.9	20
192	Long-term outcome of descemet membrane endothelial keratoplasty (DMEK) following failed penetrating keratoplasty (PK). Acta Ophthalmologica, 2020, 98, e901-e906.	1.1	20
193	Adenoma of the Nonpigmented Ciliary Epithelium Mimicking a Malignant Melanoma of the Iris. JAMA Ophthalmology, 1999, 117, 113.	2.4	19
194	Retrospective Appraisal of Split-Cornea Transplantation. JAMA Ophthalmology, 2015, 133, 1086.	2.5	19
195	Local VEGF-A blockade modulates the microenvironment of the corneal graft bed. American Journal of Transplantation, 2019, 19, 2446-2456.	4.7	19
196	Telemetric Intraocular Pressure Monitoring after Boston Keratoprosthesis Surgery. Ophthalmology, 2019, 126, 322-324.	5.2	19
197	Corneal angiogenesis and lymphangiogenesis. Current Opinion in Allergy and Clinical Immunology, 2012, 12, 548-554.	2.3	18
198	Sufficient Evidence for Lymphatics in the Developing and Adult Human Choroid?. , 2015, 56, 6709.		18

#	ARTICLE	IF	CITATIONS
199	Bilateral Descemet Membrane Endothelial Keratoplasty. Cornea, 2016, 35, 772-777.	1.7	18
200	Process development and safety evaluation of ABCB5+ limbal stem cells as advanced-therapy medicinal product to treat limbal stem cell deficiency. Stem Cell Research and Therapy, 2021, 12, 194.	5.5	18
201	HIV and hepatitis B/C infections in patients donating blood for use as autologous serum eye drops. British Journal of Ophthalmology, 2007, 91, 1724-1725.	3.9	17
202	Descemet membrane endothelial keratoplasty (DMEK) in phakic eyes with shallow anterior chamber. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 817-819.	1.9	17
203	Detection of graft detachments immediately following Descemet membrane endothelial keratoplasty (DMEK) comparing time domain and spectral domain OCT. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 2431-2437.	1.9	17
204	Corneal Densitometry for Quantification of Corneal Deposits in Monoclonal Gammopathies. Cornea, 2017, 36, 470-475.	1.7	17
205	Novel Method to Detect Corneal Lymphatic Vessels In Vivo by Intrastromal Injection of Fluorescein. Cornea, 2018, 37, 267-271.	1.7	17
206	Bilateral zonular cataract associated with the mitochondrial cytopathy of pearson syndrome. American Journal of Ophthalmology, 1998, 125, 260-261.	3.3	16
207	The negative response of the flash electroretinogram in glaucoma. Documenta Ophthalmologica, 2001, 103, 1-12.	2.2	16
208	Orbital Involvement in Multiple Myeloma: First Sign of Insufficient Chemotherapy. Ophthalmologica, 2003, 217, 76-78.	1.9	16
209	“OSMO-UT-DSAE” using THIN-C medium. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 2181-2185.	1.9	16
210	Comparing the Hem- and Lymphangiogenic Profile of Conjunctival and Uveal Melanoma Cell Lines. , 2015, 56, 5691.		16
211	Brittle Cornea Syndrome: Case Report with Novel Mutation in the PRDM5 Gene and Review of the Literature. Case Reports in Ophthalmological Medicine, 2015, 2015, 1-5.	0.5	16
212	Factors Associated With Early Graft Detachment in Primary Descemet Membrane Endothelial Keratoplasty. American Journal of Ophthalmology, 2018, 192, 249-250.	3.3	16
213	Pressure-Induced Interlamellar Stromal Keratitis After Laser In Situ Keratomileusis. Cornea, 2011, 30, 1.	1.7	15
214	Short-Term Ultraviolet A Irradiation Leads to Dysfunction of the Limbal Niche Cells and an Antilymphangiogenic and Anti-inflammatory Micromilieu. , 2016, 57, 928.		15
215	Impact of donor graft quality on deep anterior lamellar Keratoplasty (DALK). BMC Ophthalmology, 2017, 17, 204.	1.4	15
216	Morning Myopic Shift and Glare in Advanced Fuchs Endothelial Corneal Dystrophy. American Journal of Ophthalmology, 2020, 213, 69-75.	3.3	15

#	ARTICLE	IF	CITATIONS
217	Device profile of the EYEMATE-IO system for intraocular pressure monitoring: overview of its safety and efficacy. Expert Review of Medical Devices, 2020, 17, 491-497.	2.8	15
218	Ocular Involvement in COVID-19: Conjunctivitis and More. Klinische Monatsblätter Fur Augenheilkunde, 2021, 238, 555-560.	0.5	15
219	Lymphatic Trafficking in the Eye: Modulation of Lymphatic Trafficking to Promote Corneal Transplant Survival. Cells, 2021, 10, 1661.	4.1	15
220	Ocular findings in Fryns syndrome. Acta Ophthalmologica, 2000, 78, 710-713.	0.3	14
221	Histopathological changes after deep anterior lamellar keratoplasty using the "big bubble technique". Acta Ophthalmologica, 2013, 91, 78-82.	1.1	14
222	Block Excision of Iridociliary Tumors Enables Molecular Profiling and Immune Vaccination. Ophthalmology, 2017, 124, 268-270.	5.2	14
223	Acute bilateral blindness caused by accidental methanol intoxication during fire "eating". British Journal of Ophthalmology, 2002, 86, 1064-1065.	3.9	13
224	Endothelin-1 and ETA/ETB Receptor Protein and mRNA. Cornea, 2005, 24, 837-844.	1.7	13
225	Semaphorin 3F Modulates Corneal Lymphangiogenesis and Promotes Corneal Graft Survival. , 2018, 59, 5277.		13
226	New Technologies in Clinical Trials in Corneal Diseases and Limbal Stem Cell Deficiency: Review from the European Vision Institute Special Interest Focus Group Meeting. Ophthalmic Research, 2021, 64, 145-167.	1.9	13
227	Association of imaging biomarkers and local activation of complement in aqueous humor of patients with early forms of age-related macular degeneration. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 623-632.	1.9	13
228	No secret hiding place? Absence of SARS-CoV-2 on the ocular surface of 1145 hospitalized patients in a pandemic area. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 1605-1608.	1.9	13
229	Long-Term Outcome of Descemet Membrane Endothelial Keratoplasty in Eyes With Fuchs Endothelial Corneal Dystrophy Versus Pseudophakic Bullous Keratopathy. Cornea, 2022, 41, 304-309.	1.7	13
230	Thrombospondin-1 as a Regulator of Corneal Inflammation and Lymphangiogenesis: Effects on Dry Eye Disease and Corneal Graft Immunology. Journal of Ocular Pharmacology and Therapeutics, 2015, 31, 376-385.	1.4	12
231	Optimising keratoplasty for Peters' anomaly in infants using spectral-domain optical coherence tomography. British Journal of Ophthalmology, 2017, 101, 820-827.	3.9	12
232	Impact of corneal donor lens status on two-year course and outcome of Descemet membrane endothelial keratoplasty (DMEK). Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 2407-2414.	1.9	12
233	Impact of donor tissue diameter on postoperative central endothelial cell density in Descemet Membrane Endothelial Keratoplasty. Acta Ophthalmologica, 2019, 97, e618-e622.	1.1	12
234	Outcome of Descemet Membrane Endothelial Keratoplasty Using Corneas from Donors ≥80 Years of Age. American Journal of Ophthalmology, 2020, 211, 200-206.	3.3	12

#	ARTICLE	IF	CITATIONS
235	Dynamics of structural reversal in Bruch's membrane opening-based morphometrics after glaucoma drainage device surgery. Graefe's Archive for Clinical and Experimental Ophthalmology, 2020, 258, 1227-1236.	1.9	12
236	Amniotic membrane-covered bio-onlays for treatment of ocular surface disease. British Journal of Ophthalmology, 2007, 91, 841-842.	3.9	11
237	Delayed Epithelial Healing After Keratoplasty for Lattice Corneal Dystrophy. Cornea, 2007, 26, 1182-1183.	1.7	11
238	The Naïve Murine Cornea as a Model System to Identify Novel Endogenous Regulators of Lymphangiogenesis: TRAIL and rtPA. Lymphatic Research and Biology, 2015, 13, 76-84.	1.1	11
239	Intensified Early Postoperative Topical Steroids Do Not Influence Endothelial Cell Density After Descemet Membrane Endothelial Keratoplasty Combined With Cataract Surgery (Triple-DMEK). Cornea, 2016, 35, 1396-1400.	1.7	11
240	A prospective, randomised, placebo-controlled, double-masked, three-armed, multicentre phase II/III trial for the Study of a Topical Treatment of Ischaemic Central Retinal Vein Occlusion to Prevent Neovascular Glaucoma – the STRONG study: study protocol for a randomised controlled trial. Trials, 2017, 18, 128.	1.6	11
241	Tyrosinase Is a Novel Endogenous Regulator of Developmental and Inflammatory Lymphangiogenesis. American Journal of Pathology, 2019, 189, 440-448.	3.8	11
242	Persisting retinal ganglion cell axons in blind atrophic human eyes. , 2001, 239, 158-164.		10
243	Serum Eyedrops Antagonize the Anti(lymph)angiogenic Effects of Bevacizumab In Vitro and In Vivo. , 2013, 54, 6133.		10
244	Safety of Donor Tissue Preparation and Use of Descemetoschisis and Torn Tissue in Descemet Membrane Endothelial Keratoplasty. Cornea, 2014, 33, e7-e9.	1.7	10
245	The influence of systemic renin-angiotensin-inhibition on ocular cytokines related to proliferative vitreoretinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2017, 255, 1721-1725.	1.9	10
246	Role of Endogenous Regulators of Hem- And Lymphangiogenesis in Corneal Transplantation. Journal of Clinical Medicine, 2020, 9, 479.	2.4	10
247	Cutting Edge: Novel Treatment Options Targeting Corneal Neovascularization to Improve High-Risk Corneal Graft Survival. Cornea, 2021, 40, 1512-1518.	1.7	10
248	Outcomes of Pseudophakic, Phakic, and Triple DMEK. Cornea, 2021, Publish Ahead of Print, 1253-1257.	1.7	10
249	Pre-incubation of corneal donor tissue with sCD83 improves graft survival via the induction of alternatively activated macrophages and tolerogenic dendritic cells. American Journal of Transplantation, 2022, 22, 438-454.	4.7	10
250	Frequency-Doubling Perimetry in Patients Following Penetrating Keratoplasty. Cornea, 2004, 23, 433-438.	1.7	9
251	Atopic dermatitis as a risk factor for graft rejection following normal-risk keratoplasty. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 573-574.	1.9	9
252	Optical coherence tomography and ultrasound biomicroscopy in the management of pseudophakic malignant glaucoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 2261-2263.	1.9	9

#	ARTICLE	IF	CITATIONS
253	Ciliary Body Lymphangiogenesis. <i>Ophthalmology</i> , 2013, 120, e41-e42.	5.2	9
254	Novel Lamellar, Flap-Based Tattooing Techniques for Corneal Opacities in Scarred and Vascularized Blind Eyes. <i>Cornea</i> , 2015, 34, 82-86.	1.7	9
255	Effect of corneal collagen crosslinking on subsequent deep anterior lamellar keratoplasty (DALK) in keratoconus. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2017, 255, 811-816.	1.9	9
256	Lutein and Brilliant Blue-Based Dye for Donor Preparation and Transplantation in Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2017, 36, 440-444.	1.7	9
257	Supplemental Anti Vegf A-Therapy Prevents Rebound Neovascularisation After Fine Needle Diathermy Treatment to Regress Pathological Corneal (LYMPH)Angiogenesis. <i>Scientific Reports</i> , 2020, 10, 3908.	3.3	9
258	Comparison of Mini-DMEK versus predescemetal sutures as treatment of acute hydrops in keratoconus. <i>Acta Ophthalmologica</i> , 2021, 99, e1326-e1333.	1.1	9
259	Real Life Data on Efficacy and Safety of Topical NGF Eye Drops (Cenegermin). <i>Klinische Monatsblätter Für Augenheilkunde</i> , 2020, 237, 1455-1461.	0.5	9
260	Descemet Membrane Endothelial Keratoplasty in Vascularized Eyes: Outcome and Effect on Corneal Neovascularization. <i>Cornea</i> , 2021, 40, 685-689.	1.7	9
261	Recurrent interface abscess secondary to <i>Acanthamoeba</i> keratitis treated by deep anterior lamellar keratoplasty. <i>International Journal of Ophthalmology</i> , 2012, 5, 774-5.	1.1	9
262	Central corneal epithelium self-healing after ring-shaped glycerin-cryopreserved lamellar keratoplasty in Terrien marginal degeneration. <i>International Journal of Ophthalmology</i> , 2013, 6, 251-2.	1.1	9
263	Recurrent optic nerve head infarctions associated with combined factor V Leiden- and factor II, G20210A-mutation. <i>Acta Ophthalmologica</i> , 1999, 77, 625-627.	0.3	8
264	Reduced Recovery of Temporal Contrast Sensitivity After Flicker Stress in Patients With Glaucoma. <i>Journal of Glaucoma</i> , 2000, 9, 296-302.	1.6	8
265	Corneal Pathology in Patients with Systemic Sclerosis. <i>Cornea</i> , 2012, 31, 107-107.	1.7	8
266	Corneal Graft Alterations After Descemet Stripping: Implications for Split Cornea Transplantation. <i>JAMA Ophthalmology</i> , 2013, 131, 687.	2.5	8
267	Trigeminal Involvement in Parry-Romberg Syndrome. <i>Cornea</i> , 2015, 34, e10-e11.	1.7	8
268	Combined Ab Interno Glaucoma Surgery Does not Increase the Risk of Pseudophakic Cystoid Macular Edema in Uncomplicated Eyes. <i>Journal of Glaucoma</i> , 2017, 26, 227-232.	1.6	8
269	Spontaneous Unilateral Subperiosteal Hematoma in the Orbit due to Self-Induced Asphyxia: Unusual Cause of Unilateral Exophthalmos. <i>Case Reports in Ophthalmology</i> , 2017, 8, 232-236.	0.7	8
270	Topical VEGF-C/D Inhibition Prevents Lymphatic Vessel Ingrowth into Cornea but Does Not Improve Corneal Graft Survival. <i>Journal of Clinical Medicine</i> , 2020, 9, 1270.	2.4	8

#	ARTICLE	IF	CITATIONS
271	Fibrillar Layer as a Marker for Areas of Pronounced Corneal Endothelial Cell Loss in Advanced Fuchs Endothelial Corneal Dystrophy. American Journal of Ophthalmology, 2021, 222, 292-301.	3.3	8
272	UV Protection in the Cornea: Failure and Rescue. Biology, 2022, 11, 278.	2.8	8
273	Cataract in pseudohypoparathyroidism. Journal of Cataract and Refractive Surgery, 2016, 42, 1094-1096.	1.5	7
274	The Trojan Horse Tale Revisited: An Eye on Metastatic Spread of Carcinoma Cells. Cancer Immunology Research, 2016, 4, 92-94.	3.4	7
275	Treatment of corneal edema secondary to chemical burn by Descemet membrane endothelial keratoplasty (DMEK). Canadian Journal of Ophthalmology, 2019, 54, e43-e47.	0.7	7
276	Midterm follow-up of immune reactions after Descemet membrane endothelial keratoplasty (DMEK). Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 1811-1812.	1.9	7
277	Detection of Pro- and Antiangiogenic Factors in the Human Sclera. Current Eye Research, 2019, 44, 172-184.	1.5	7
278	Impact of ab-interno trabeculectomy on Bruchâ€™s membrane opening-based morphometry of the optic nerve head for glaucoma progression analysis. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 339-347.	1.9	7
279	Predictive value of serum markers for pulmonary involvement in ocular sarcoidosis. Acta Ophthalmologica, 2014, 92, e250-1.	1.1	6
280	Benign orbital angiomatous tumors with intracranial extension. European Journal of Medical Research, 2015, 20, 63.	2.2	6
281	Bevacizumab Induces Upregulation of Keratin 3 and VEGFA in Human Limbal Epithelial Cells in Vitro. Journal of Clinical Medicine, 2019, 8, 1925.	2.4	6
282	VEGF TrapR1R2 Suspended in the Semifluorinated Alkane F6H8 Inhibits Inflammatory Corneal Hem- and Lymphangiogenesis. Translational Vision Science and Technology, 2020, 9, 15.	2.2	6
283	A deep learning approach for successful big-bubble formation prediction in deep anterior lamellar keratoplasty. Scientific Reports, 2021, 11, 18559.	3.3	6
284	Association between blood-aqueous barrier disruption and extent of retinal detachment. European Journal of Ophthalmology, 2023, 33, 421-427.	1.3	6
285	Impact of short-term versus longterm topical steroid treatment on â€œidiopathicâ€™ endothelial cell loss after normal-risk penetrating keratoplasty. Acta Ophthalmologica, 2006, 85, 209-212.	0.3	5
286	New Aspects of Angiogenesis in the Cornea. Essentials in Ophthalmology, 2006, , 83-99.	0.1	5
287	Retrocorneal Membrane Formation After Baerveldt Shunt Implantation for Iridocorneal Endothelial Syndrome. Cornea, 2013, 32, e161-e163.	1.7	5
288	Split-cornea transplantation â€“ a microbiologically safe approach?. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1441-1442.	1.9	5

#	ARTICLE	IF	CITATIONS
289	Single-pass Ultrathin DSAEK (UT-DSAEK) with the SLc Expert Microkeratome®. Acta Ophthalmologica, 2017, 95, e160-e161.	1.1	5
290	Multiple imaging modalities for the detection of optic nerve head drusen: Is echography still mandatory?. Acta Ophthalmologica, 2017, 95, 320-323.	1.1	5
291	Outcomes of deep anterior lamellar keratoplasty and penetrating keratoplasty in keratoconic eyes with and without previous hydrops. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 2913-2923.	1.9	5
292	Evaluation of a Novel Non-Diffractive Extended Depth of Focus Intraocular Lens – First Results from a Prospective Study. Current Eye Research, 2022, 47, 1149-1155.	1.5	5
293	Breast Carcinoma Metastatic to the Eyelid Presenting as the First Sign of Insufficient Chemotherapy. Ophthalmologica, 2001, 215, 136-137.	1.9	4
294	Temporal contrast sensitivity using full-field flicker test (Erlangen flicker test) in patients after penetrating keratoplasty. Graefe's Archive for Clinical and Experimental Ophthalmology, 2002, 240, 443-447.	1.9	4
295	Short- and long-term corneal vascular effects of tafluprost eye drops. Graefe's Archive for Clinical and Experimental Ophthalmology, 2013, 251, 1919-1927.	1.9	4
296	Time Course of Induced Astigmatism After Canaloplasty. Journal of Glaucoma, 2014, 23, e53-e59.	1.6	4
297	Postoperative pain following Descemet membrane endothelial keratoplasty (DMEK): a prospective study. Graefe's Archive for Clinical and Experimental Ophthalmology, 2019, 257, 2203-2211.	1.9	4
298	Does anterior chamber-associated immune deviation (ACAID) play a role in posterior lamellar keratoplasty? Case report of a splenectomized patient. BMC Ophthalmology, 2019, 19, 100.	1.4	4
299	Changes in Corneal Biomechanical Properties After Descemet Membrane Endothelial Keratoplasty. Cornea, 2019, 38, 964-969.	1.7	4
300	Analysis of peripapillary vessel density and Bruch's membrane opening-based neuroretinal rim parameters in glaucoma using OCT and OCT-angiography. Eye, 2020, 34, 1086-1093.	2.1	4
301	Flushing Versus Pushing Technique for Graft Implantation in Descemet Membrane Endothelial Keratoplasty. Cornea, 2020, 39, 605-608.	1.7	4
302	Epithelial downgrowth after Descemet membrane endothelial keratoplasty. European Journal of Ophthalmology, 2021, 31, NP27-NP32.	1.3	4
303	Preincubation of donor tissue with a VEGF cytokine trap promotes subsequent high-risk corneal transplant survival. British Journal of Ophthalmology, 2021, , bjophthalmol-2021-319745.	3.9	4
304	New Therapeutic Approaches for Conjunctival Melanoma – What We Know So Far and Where Therapy Is Potentially Heading: Focus on Lymphatic Vessels and Dendritic Cells. International Journal of Molecular Sciences, 2022, 23, 1478.	4.1	4
305	Transferability of an Artificial Intelligence Algorithm Predicting Rebubbings After Descemet Membrane Endothelial Keratoplasty. Cornea, 2023, 42, 544-548.	1.7	4
306	In situ ablation of lens epithelial cells in porcine eyes with the laser photolysis system. Journal of Cataract and Refractive Surgery, 2007, 33, 697-701.	1.5	3

#	ARTICLE	IF	CITATIONS
307	Surgical Anatomy and Pathology in Surgery of the Eyelids, Lacrimal System, Orbit and Conjunctiva. , 2008, , 29-75.		3
308	Spontaneous resolution of corneal decompensation after bigâ€bubble deep anterior lamellar keratoplasty with intraoperative Descemet's membrane perforation. Clinical and Experimental Ophthalmology, 2011, 39, 372-375.	2.6	3
309	Lack of ciliary body lymphatics in iridociliary melanocytoma. Graefe's Archive for Clinical and Experimental Ophthalmology, 2014, 252, 169-171.	1.9	3
310	Optimization Strategies for Bruchâ€™s Membrane Opening Minimum Rim Area Calculation: Sequential versus Simultaneous Minimization. Scientific Reports, 2017, 7, 13874.	3.3	3
311	Intra- and Postoperative Complications and Their Management in DMEK (Including Re-DMEK). , 2017, , 153-164.		3
312	Analysis of the impact of allergy and atopy on new onset of uveitis. Acta Ophthalmologica, 2017, 95, e236-e241.	1.1	3
313	Correlation of extracellular matrixâ€related gene expression with objective Fuchs endothelial corneal dystrophy severity. Clinical and Experimental Ophthalmology, 2019, 47, 671-673.	2.6	3
314	Effect of Iris Color on the Outcome of Descemet Membrane Endothelial Keratoplasty. Cornea, 2020, 39, 846-850.	1.7	3
315	Silicone oil endotamponade in eyes with Boston Keratoprosthesis Type 1. Acta Ophthalmologica, 2021, , .	1.1	3
316	Scheimpflug Backscatter Imaging of the Fibrillar Layer in Fuchs Endothelial Corneal Dystrophy. American Journal of Ophthalmology, 2022, 235, 63-70.	3.3	3
317	Three-year follow-up of high-risk keratoplasty following fine-needle diathermy of corneal neovascularization combined with bevacizumab. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 2383-2385.	1.9	3
318	Short-term changes in Bruchâ€™s membrane opening-based morphometrics during the first week after trabeculectomy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, 260, 3321-3329.	1.9	3
319	One cornea, two patients: a potential new strategy for tackling donor shortage?. Expert Review of Ophthalmology, 2011, 6, 273-276.	0.6	2
320	Severe Vitamin A Deficiency in a Child Presenting as Xerophthalmia. Journal of Pediatrics, 2014, 165, 875.	1.8	2
321	Phacodyne versus VisionBlue as vital dyes in Descemet membrane endothelial keratoplasty. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 1411-1412.	1.9	2
322	Impact of allergy and atopy on the risk of pseudophakic cystoid macular edema. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 2417-2423.	1.9	2
323	The Optimal Diameter for Circumpapillary Retinal Nerve Fiber Layer Thickness Measurement by SD-OCT in Glaucoma. Journal of Glaucoma, 2018, 27, 1086-1093.	1.6	2
324	Von Hippel Lindau Disease. Journal of Pediatrics, 2019, 209, 252.	1.8	2

#	ARTICLE	IF	CITATIONS
325	Temporary Filtering Bleb Failure Induced by Anterior Chamber Sulfur Hexafluoride Gas: A Complication after Descemet Membrane Endothelial Keratoplasty. Case Reports in Ophthalmology, 2019, 10, 120-126.	0.7	2
326	Femtosecond laser-assisted (triple-)deep anterior lamellar keratoplasty with a novel liquid interface. Journal of EuCornea, 2020, 8, 14-17.	0.5	2
327	Impact of Early Intraocular Pressure Elevation on Postoperative Outcome After Descemet Membrane Endothelial Keratoplasty in Non-glaucoma Patients. Cornea, 2021, Publish Ahead of Print, 83-88.	1.7	2
328	Impact of early intensified postoperative corticosteroids on immune reaction rates after Descemet membrane endothelial keratoplasty (DMEK). Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, , 1.	1.9	2
329	The Cologne-Mecklenburg-Vorpommern DMEK Donor Study (COMEDOS) â€” design and review of the influence of donor characteristics on Descemet membrane endothelial keratoplasty (DMEK) outcome. Graefe's Archive for Clinical and Experimental Ophthalmology, 2022, , .	1.9	2
330	Author reply. Ophthalmology, 2015, 122, e28-e29.	5.2	1
331	Using a Laminating Technique to Perform Confocal Microscopy of the Human Sclera. Journal of Visualized Experiments, 2016, , .	0.3	1
332	Re: Kitazawa etÂal.: Cystoid macular edema after Descemet's stripping automated endothelial keratoplasty (Ophthalmology . 2017;124:572-573). Ophthalmology, 2017, 124, e86.	5.2	1
333	No secret hiding place on the ocular surface: what about after systemic SARS-CoV-2 infection?. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, 259, 3817-3818.	1.9	1
334	Ocular and systemic complement activation during anti-VEGF treatment and AREDS2 dietary supplementation in neovascular age-related macular degeneration. Ophthalmologica, 2021, , .	1.9	1
335	Novel eccentric corneoscleral donor preparation technique providing corneoscleral tectonic and central split corneal grafts for multiple recipients. Graefe's Archive for Clinical and Experimental Ophthalmology, 2021, , 1.	1.9	1
336	Absence of lymphatic vessels in non-functioning bleb capsules of glaucoma drainage devices. Histology and Histopathology, 2020, 35, 1521-1531.	0.7	1
337	Correlation of Clinical Fibrillar Layer Detection and Corneal Thickness in Advanced Fuchs Endothelial Corneal Dystrophy. Journal of Clinical Medicine, 2022, 11, 2815.	2.4	1
338	Mini-DMEK for the Treatment of Chronic Focal Corneal Endothelial Decompensation. Cornea, 2022, Publish Ahead of Print, .	1.7	1
339	Antiangiogenic Treatment Options in the Cornea. , 2013, , 71-90.		0
340	Editorial: Schwerpunktthema â€žgranulomatÃse Uveitis â€œ Sarkoidoseâ€œ. Klinische Monatsblatter Fur Augenheilkunde, 2016, 233, 586-586.	0.5	0
341	Intraoperative Optical Coherence Tomography in Lamellar Keratoplasties: Indications and Outcomes. Current Ophthalmology Reports, 2016, 4, 244-251.	1.2	0
342	Immune Reactions and Dry Eye After Posterior Lamellar Keratoplasty. , 2017, , 227-235.		0

#	ARTICLE	IF	CITATIONS
343	Reply. Cornea, 2018, 37, e23-e24.	1.7	0
344	Impact of systemic inhibition on ocular levels of angiotensin-converting enzyme (ACE). Graefe's Archive for Clinical and Experimental Ophthalmology, 2018, 256, 2487-2488.	1.9	0
345	Therapie des Keratokonus. Karger Kompass Ophthalmologie, 2019, 5, 8-13.	0.0	0
346	Survey of Rejection Prophylaxis Following Suture Removal in Penetrating Keratoplasty in Germany. Klinische Monatsblätter Für Augenheilkunde, 2021, 238, 591-597.	0.5	0
347	Laser-integrated Real-Time Optical Coherence Tomography (LI-OCT) in Anterior Segment Procedures. Journal of Cataract and Refractive Surgery, 2021, Publish Ahead of Print, e88-e92.	1.5	0
348	Combined ab-interno trabeculectomy and cataract surgery induces comparable intraocular pressure reduction in supine and sitting positions. International Journal of Ophthalmology, 2021, 14, 1192-1198.	1.1	0
349	Immunomodulation Against Inflammatory Postkeratoplasty Neovascularisation. , 2014, , 117-121.		0
350	Optimización de la Queratoplastia Endotelial de Membrana de Descemet utilizando Tomografía Óptica Coherente Intraoperatoria. Highlights of Ophthalmology, 2015, 43, 2-5.	0.0	0
351	Optimizing Descemet Membrane Endothelial Keratoplasty Using Intraoperative Optical Coherence Tomography. Highlights of Ophthalmology, 2015, 43, 2-6.	0.0	0
352	Corneal Neovascular Diseases. Essentials in Ophthalmology, 2016, , 159-172.	0.1	0
353	Donor-Tissue Splitting and Tissue Storage for DALK and DMEK Surgery. , 2017, , 105-118.		0
354	Corneal Angiogenesis and Lymphangiogenesis. , 2020, , 249-262.		0
355	Effect of Anticoagulant Therapy on the Outcome of Descemet Membrane Endothelial Keratoplasty. Cornea, 2021, 40, 1147-1151.	1.7	0
356	Block excision and tectonic corneoscleral grafting for epithelial implantation cyst after intraocular contact lens implantation. Acta Ophthalmologica, 2022, , .	1.1	0
357	Posttransplant VEGFR1R2 Trap Eye Drops Inhibit Corneal (Lymph)angiogenesis and Improve Corneal Allograft Survival in Eyes at High Risk of Rejection. Translational Vision Science and Technology, 2022, 11, 6.	2.2	0