

Claus Cursiefen

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346
papers

12,872
citations

57
h-index

97
g-index

508
ext. papers

15,964
ext. citations

3.3
avg, IF

6.45
L-index

#	Paper	IF	Citations
346	VEGF-A stimulates lymphangiogenesis and hemangiogenesis in inflammatory neovascularization via macrophage recruitment. <i>Journal of Clinical Investigation</i> , 2004 , 113, 1040-50	15.9	728
345	Inflammation-induced lymphangiogenesis in the cornea arises from CD11b-positive macrophages. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2363-72	15.9	519
344	Descemet membrane endothelial keratoplasty versus descemet stripping automated endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2012 , 153, 1082-90.e2	4.9	303
343	Influence of photodynamic therapy on expression of vascular endothelial growth factor (VEGF), VEGF receptor 3, and pigment epithelium-derived factor. <i>Investigative Ophthalmology and Visual Science</i> , 2003 , 44, 4473-80		294
342	Bevacizumab as a potent inhibitor of inflammatory corneal angiogenesis and lymphangiogenesis. <i>Investigative Ophthalmology and Visual Science</i> , 2007 , 48, 2545-52		264
341	Inhibition of hemangiogenesis and lymphangiogenesis after normal-risk corneal transplantation by neutralizing VEGF promotes graft survival. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 2666-73		261
340	Cutting edge: lymphatic vessels, not blood vessels, primarily mediate immune rejections after transplantation. <i>Journal of Immunology</i> , 2010 , 184, 535-9	5.3	220
339	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, 11405-10	11.5	210
338	A stepwise approach to donor preparation and insertion increases safety and outcome of Descemet membrane endothelial keratoplasty. <i>Cornea</i> , 2011 , 30, 580-7	3.1	202
337	Corneal lymphangiogenesis: evidence, mechanisms, and implications for corneal transplant immunology. <i>Cornea</i> , 2003 , 22, 273-81	3.1	186
336	Vascular endothelial growth factor receptor-3 mediates induction of corneal alloimmunity. <i>Nature Medicine</i> , 2004 , 10, 813-5	50.5	184
335	Corneal higher-order aberrations after Descemet membrane endothelial keratoplasty. <i>Ophthalmology</i> , 2012 , 119, 528-35	7.3	166
334	Corneal neovascularization as a risk factor for graft failure and rejection after keratoplasty: an evidence-based meta-analysis. <i>Ophthalmology</i> , 2010 , 117, 1300-5.e7	7.3	159
333	Time course of angiogenesis and lymphangiogenesis after brief corneal inflammation. <i>Cornea</i> , 2006 , 25, 443-7	3.1	155
332	Roles of thrombospondin-1 and -2 in regulating corneal and iris angiogenesis. <i>Investigative Ophthalmology and Visual Science</i> , 2004 , 45, 1117-24		149
331	Lymphatic vessels in vascularized human corneas: immunohistochemical investigation using LYVE-1 and podoplanin. <i>Investigative Ophthalmology and Visual Science</i> , 2002 , 43, 2127-35		135
330	Optimizing descemet membrane endothelial keratoplasty using intraoperative optical coherence tomography. <i>JAMA Ophthalmology</i> , 2013 , 131, 1135-42	3.9	131

329	Bacterial keratitis early after corneal crosslinking with riboflavin and ultraviolet-A. <i>Journal of Cataract and Refractive Surgery</i> , 2009 , 35, 588-9	2.3	131
328	Phase II Randomized, Double-Masked, Vehicle-Controlled Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018 , 125, 1332-1343	7.3	122
327	Novel anti(lymph)angiogenic treatment strategies for corneal and ocular surface diseases. <i>Progress in Retinal and Eye Research</i> , 2013 , 34, 89-124	20.5	121
326	Immune privilege and angiogenic privilege of the cornea. <i>Chemical Immunology and Allergy</i> , 2007 , 92, 50-57		121
325	Thrombospondin 1 inhibits inflammatory lymphangiogenesis by CD36 ligation on monocytes. <i>Journal of Experimental Medicine</i> , 2011 , 208, 1083-92	16.6	116
324	Bevacizumab (Avastin) eye drops inhibit corneal neovascularization. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2008 , 246, 281-4	3.8	114
323	The Pathogenesis of floppy eyelid syndrome: involvement of matrix metalloproteinases in elastic fiber degradation. <i>Ophthalmology</i> , 2005 , 112, 694-704	7.3	112
322	Short- and long-term safety profile and efficacy of topical bevacizumab (Avastin) eye drops against corneal neovascularization. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2009 , 247, 1375-82	3.8	107
321	Promotion of graft survival by vascular endothelial growth factor a neutralization after high-risk corneal transplantation. <i>JAMA Ophthalmology</i> , 2008 , 126, 71-7		106
320	Descemet membrane endothelial keratoplasty combined with phacoemulsification and intraocular lens implantation: advanced triple procedure. <i>American Journal of Ophthalmology</i> , 2012 , 154, 47-55.e2	4.9	105
319	Immunohistochemical localization of vascular endothelial growth factor, transforming growth factor alpha, and transforming growth factor beta1 in human corneas with neovascularization. <i>Cornea</i> , 2000 , 19, 526-33	3.1	104
318	Changing indications for penetrating keratoplasty: histopathology of 1,250 corneal buttons. <i>Cornea</i> , 1998 , 17, 468-70	3.1	102
317	Tear film osmolarity measurements in dry eye disease using electrical impedance technology. <i>Cornea</i> , 2011 , 30, 1289-92	3.1	101
316	Migraine and tension headache in high-pressure and normal-pressure glaucoma. <i>American Journal of Ophthalmology</i> , 2000 , 129, 102-4	4.9	101
315	Split cornea transplantation for 2 recipients: a new strategy to reduce corneal tissue cost and shortage. <i>Ophthalmology</i> , 2011 , 118, 294-301	7.3	100
314	Angiogenesis in corneal diseases: histopathologic evaluation of 254 human corneal buttons with neovascularization. <i>Cornea</i> , 1998 , 17, 611-3	3.1	100
313	Trends in Corneal Transplantation from 2001 to 2016 in Germany: A Report of the DOG-Section Cornea and its Keratoplasty Registry. <i>American Journal of Ophthalmology</i> , 2018 , 188, 91-98	4.9	98
312	Diagnosis and treatment of ocular chronic graft-versus-host disease: report from the German-Austrian-Swiss Consensus Conference on Clinical Practice in chronic GVHD. <i>Cornea</i> , 2012 , 31, 299-310	3.1	93

311	Inhibition of inflammatory lymphangiogenesis by integrin alpha5 blockade. <i>American Journal of Pathology</i> , 2007 , 171, 361-72	5.8	93
310	A method to confirm correct orientation of descemet membrane during descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2010 , 149, 922-925.e2	4.9	88
309	Silicone oil-associated optic nerve degeneration. <i>American Journal of Ophthalmology</i> , 2001 , 131, 392-4	4.9	83
308	Wound-Healing Studies in Cornea and Skin: Parallels, Differences and Opportunities. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	82
307	The normal human choroid is endowed with a significant number of lymphatic vessel endothelial hyaluronate receptor 1 (LYVE-1)-positive macrophages 2008 , 49, 5222-9		82
306	Immune reactions after modern lamellar (DALK, DSAEK, DMEK) versus conventional penetrating corneal transplantation. <i>Progress in Retinal and Eye Research</i> , 2019 , 73, 100768	20.5	81
305	GS-101 antisense oligonucleotide eye drops inhibit corneal neovascularization: interim results of a randomized phase II trial. <i>Ophthalmology</i> , 2009 , 116, 1630-7	7.3	81
304	Donor tissue culture conditions and outcome after descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2011 , 151, 1007-1018.e2	4.9	75
303	Risk factors for corneal allograft rejection: intermediate results of a prospective normal-risk keratoplasty study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2002 , 240, 580-4	3.8	73
302	Changing Indications in Penetrating Keratoplasty: A Systematic Review of 34 Years of Global Reporting. <i>Transplantation</i> , 2017 , 101, 1387-1399	1.8	71
301	Pericyte recruitment in human corneal angiogenesis: an ultrastructural study with clinicopathological correlation. <i>British Journal of Ophthalmology</i> , 2003 , 87, 101-6	5.5	67
300	Split cornea transplantation for 2 recipients - review of the first 100 consecutive patients. <i>American Journal of Ophthalmology</i> , 2011 , 152, 523-532.e2	4.9	66
299	Suppression of inflammatory corneal lymphangiogenesis by application of topical corticosteroids. <i>JAMA Ophthalmology</i> , 2011 , 129, 445-52		66
298	Incidence and Clinical Course of Immune Reactions after Descemet Membrane Endothelial Keratoplasty: Retrospective Analysis of 1000 Consecutive Eyes. <i>Ophthalmology</i> , 2017 , 124, 512-518	7.3	65
297	Long-term topical steroid treatment improves graft survival following normal-risk penetrating keratoplasty. <i>American Journal of Ophthalmology</i> , 2007 , 144, 318-9	4.9	63
296	Reproducibility of graft preparations in Descemet membrane endothelial keratoplasty. <i>Ophthalmology</i> , 2013 , 120, 1769-77	7.3	62
295	Aganirsen antisense oligonucleotide eye drops inhibit keratitis-induced corneal neovascularization and reduce need for transplantation: the I-CAN study. <i>Ophthalmology</i> , 2014 , 121, 1683-92	7.3	61
294	Consensus statement on indications for anti-angiogenic therapy in the management of corneal diseases associated with neovascularisation: outcome of an expert roundtable. <i>British Journal of Ophthalmology</i> , 2012 , 96, 3-9	5.5	61

293	Contribution of medical student research to the Medline-indexed publications of a German medical faculty. <i>Medical Education</i> , 1998 , 32, 439-40	3.7	61
292	Consensus statement on the immunohistochemical detection of ocular lymphatic vessels 2014 , 55, 6440-2		58
291	Blockade of VEGFR3-signalling specifically inhibits lymphangiogenesis in inflammatory corneal neovascularisation. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2008 , 246, 115-9	3.8	58
290	Optimising deep anterior lamellar keratoplasty (DALK) using intraoperative online optical coherence tomography (iOCT). <i>British Journal of Ophthalmology</i> , 2014 , 98, 900-4	5.5	57
289	Safety profile of topical VEGF neutralization at the cornea 2009 , 50, 2095-102		54
288	Intensified Topical Steroids as Prophylaxis for Macular Edema After Posterior Lamellar Keratoplasty Combined With Cataract Surgery. <i>American Journal of Ophthalmology</i> , 2016 , 163, 174-179.e2	4.9	53
287	Descemet stripping endothelial keratoplasty--rapid recovery of visual acuity. <i>Deutsches A&#x0308;rztblatt International</i> , 2013 , 110, 365-71	2.5	53
286	Inflammatory corneal (lymph)angiogenesis is blocked by VEGFR-tyrosine kinase inhibitor ZK 261991, resulting in improved graft survival after corneal transplantation. <i>Investigative Ophthalmology and Visual Science</i> , 2008 , 49, 1836-42		53
285	Evidence for the interaction of fibroblast growth factor-2 with the lymphatic endothelial cell marker LYVE-1. <i>Blood</i> , 2013 , 121, 1229-37	2.2	50
284	Characterization of the cleavage plane in Descemet membrane endothelial keratoplasty. <i>Ophthalmology</i> , 2011 , 118, 1950-7	7.3	50
283	Angioregressive pretreatment of mature corneal blood vessels before keratoplasty: fine-needle vessel coagulation combined with anti-VEGFs. <i>Cornea</i> , 2012 , 31, 887-92	3.1	50
282	Impact of short-term versus long-term topical steroids on corneal neovascularization after non-high-risk keratoplasty. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2001 , 239, 514-21	2.8	50
281	One-year outcome after Descemet membrane endothelial keratoplasty (DMEK) comparing sulfur hexafluoride (SF) 20% versus 100% air for anterior chamber tamponade. <i>British Journal of Ophthalmology</i> , 2017 , 101, 902-908	5.5	49
280	Persisting corneal erosion under cetuximab (Erbix) treatment (epidermal growth factor receptor antibody). <i>Cornea</i> , 2008 , 27, 612-4	3.1	49
279	Novel expression and characterization of lymphatic vessel endothelial hyaluronate receptor 1 (LYVE-1) by conjunctival cells. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 4536-40		49
278	Pseudoexfoliation syndrome in eyes with ischemic central retinal vein occlusion. A histopathologic and electron microscopic study. <i>Acta Ophthalmologica</i> , 2001 , 79, 476-8		49
277	Changes in donor corneal lenticule thickness after Descemet stripping automated endothelial keratoplasty (DSAEK) with organ-cultured corneas. <i>British Journal of Ophthalmology</i> , 2009 , 93, 825-9	5.5	47
276	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, 553-61	3.7	47

275	Prognostic significance of tumor-associated lymphangiogenesis in malignant melanomas of the conjunctiva. <i>Ophthalmology</i> , 2011 , 118, 2351-60	7.3	46
274	Intravital two-photon microscopy of immune cell dynamics in corneal lymphatic vessels. <i>PLoS ONE</i> , 2011 , 6, e26253	3.7	46
273	The maintenance of lymphatic vessels in the cornea is dependent on the presence of macrophages 2012 , 53, 3145-53		45
272	Spontaneous corneal hem- and lymphangiogenesis in mice with destrin-mutation depend on VEGFR3 signaling. <i>American Journal of Pathology</i> , 2005 , 166, 1367-77	5.8	45
271	Multiple bilateral eyelid molluscum contagiosum lesions associated with TNFalpha-antibody and methotrexate therapy. <i>American Journal of Ophthalmology</i> , 2002 , 134, 270-1	4.9	45
270	Split cornea transplantation: relationship between storage time of split donor tissue and outcome. <i>Ophthalmology</i> , 2013 , 120, 899-907	7.3	43
269	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, 1075-80	5.5	43
268	Intraocular lymphangiogenesis in malignant melanomas of the ciliary body with extraocular extension 2009 , 50, 1988-95		43
267	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, 1965-75	5.3	42
266	Corneal (lymph)angiogenesis--from bedside to bench and back: a tribute to Judah Folkman. <i>Lymphatic Research and Biology</i> , 2008 , 6, 191-201	2.3	41
265	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, 117-30	7.5	40
264	IL-10 Indirectly Regulates Corneal Lymphangiogenesis and Resolution of Inflammation via Macrophages. <i>American Journal of Pathology</i> , 2016 , 186, 159-71	5.8	40
263	Involvement of corneal lymphangiogenesis in a mouse model of allergic eye disease 2015 , 56, 3140-8		40
262	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	6.1	40
261	Phase I Trial of Recombinant Human Nerve Growth Factor for Neurotrophic Keratitis. <i>Ophthalmology</i> , 2018 , 125, 1468-1471	7.3	39
260	Novel Bruch's Membrane Opening Minimum Rim Area Equalizes Disc Size Dependency and Offers High Diagnostic Power for Glaucoma 2016 , 57, 6596-6603		39
259	Endothelial cell microRNA expression in human late-onset Fuchs' dystrophy 2014 , 55, 216-25		37
258	Orbital involvement in cherubism. <i>Ophthalmology</i> , 2001 , 108, 1884-8	7.3	37

257	Immediate Postoperative Intraocular Pressure Changes After Anterior Chamber Air Fill in Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2016 , 35, 14-9	3.1	37
256	Ophthalmological manifestations of Parry-Romberg syndrome. <i>Survey of Ophthalmology</i> , 2016 , 61, 693-701	7.1	37
255	Evidence of endothelial cell migration after descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2011 , 152, 537-542.e2	4.9	36
254	Intraocular tumor-associated lymphangiogenesis a novel prognostic factor for ciliary body melanomas with extraocular extension?. <i>Ophthalmology</i> , 2010 , 117, 334-42	7.3	36
253	Histologic analysis of descemet stripping in posterior lamellar keratoplasty. <i>JAMA Ophthalmology</i> , 2008 , 126, 461-4		36
252	Spectrum of Uveitis in A German Tertiary Center: Review of 474 Consecutive Patients. <i>Ocular Immunology and Inflammation</i> , 2015 , 23, 346-352	2.8	35
251	Semifluorinated Alkane Eye Drops for Treatment of Dry Eye Disease--A Prospective, Multicenter Noninterventional Study. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2015 , 31, 498-503	2.6	35
250	Blockade of insulin receptor substrate-1 inhibits corneal lymphangiogenesis 2011 , 52, 5778-85		34
249	Antiangiogenic activity of aganirsen in nonhuman primate and rodent models of retinal neovascular disease after topical administration 2012 , 53, 1195-203		34
248	Fuchs Endothelial Corneal Dystrophy: Clinical, Genetic, Pathophysiologic, and Therapeutic Aspects. <i>Annual Review of Vision Science</i> , 2019 , 5, 151-175	8.2	33
247	Tumor-associated lymphangiogenesis in the development of conjunctival melanoma 2011 , 52, 7074-83		33
246	Pentacam-based big bubble deep anterior lamellar keratoplasty in patients with keratoconus. <i>Cornea</i> , 2012 , 31, 627-32	3.1	33
245	Intraoperative Optical Coherence Tomography in Children with Anterior Segment Anomalies. <i>Ophthalmology</i> , 2015 , 122, 2582-4	7.3	32
244	Interface blood after descemet stripping automated endothelial keratoplasty. <i>Cornea</i> , 2011 , 30, 815-7	3.1	32
243	Genetic heterogeneity of lymphangiogenesis in different mouse strains. <i>American Journal of Pathology</i> , 2010 , 177, 501-10	5.8	32
242	Evolution of Consecutive Descemet Membrane Endothelial Keratoplasty Outcomes Throughout a 5-Year Period Performed by Two Experienced Surgeons. <i>American Journal of Ophthalmology</i> , 2018 , 190, 171-178	4.9	31
241	Matricellular protein thrombospondins: influence on ocular angiogenesis, wound healing and immunoregulation. <i>Current Eye Research</i> , 2014 , 39, 759-74	2.9	31
240	Absence of blood and lymphatic vessels in the developing human cornea. <i>Cornea</i> , 2006 , 25, 722-6	3.1	31

239	Small-Fiber Neuropathy Is Associated With Corneal Nerve and Dendritic Cell Alterations: An In Vivo Confocal Microscopy Study. <i>Cornea</i> , 2015 , 34, 1114-9	3.1	30
238	Tumor-associated lymphangiogenesis in the development of conjunctival squamous cell carcinoma. <i>Ophthalmology</i> , 2010 , 117, 649-58	7.3	30
237	Label-Free In Vivo Imaging of Corneal Lymphatic Vessels Using Microscopic Optical Coherence Tomography 2017 , 58, 5880-5886		29
236	Artificial iris devices: benefits, limitations, and management of complications. <i>Journal of Cataract and Refractive Surgery</i> , 2014 , 40, 376-82	2.3	29
235	Lymphatic vessels in the development of tissue and organ rejection. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2014 , 214, 119-41	1.2	29
234	Transcript profile of cellular senescence-related genes in Fuchs endothelial corneal dystrophy. <i>Experimental Eye Research</i> , 2014 , 129, 13-7	3.7	29
233	Rebound, applanation, and dynamic contour tonometry in pathologic corneas. <i>Cornea</i> , 2013 , 32, 313-8	3.1	29
232	Trabeculectomy using mitomycin C versus an atelocollagen implant: clinical results of a randomized trial and histopathologic findings. <i>Ophthalmologica</i> , 2014 , 231, 133-40	3.7	28
231	UV light crosslinking regresses mature corneal blood and lymphatic vessels and promotes subsequent high-risk corneal transplant survival. <i>American Journal of Transplantation</i> , 2018 , 18, 2873-2884	8.7	27
230	Corneal confocal microscopy detects small fiber damage in chronic inflammatory demyelinating polyneuropathy (CIDP). <i>Journal of the Peripheral Nervous System</i> , 2014 , 19, 322-7	4.7	27
229	Primary intraosseous cavernous hemangioma of the orbit. <i>American Journal of Ophthalmology</i> , 2001 , 131, 151-2	4.9	26
228	Regression of mature lymphatic vessels in the cornea by photodynamic therapy. <i>British Journal of Ophthalmology</i> , 2014 , 98, 391-5	5.5	25
227	Epithelial-Mesenchymal Transition (EMT)-Related Cytokines in the Aqueous Humor of Phakic and Pseudophakic FuchsMDystrophy Eyes 2015 , 56, 2749-54		25
226	Enrichment of lymphatic vessel endothelial hyaluronan receptor 1 (LYVE1)-positive macrophages around blood vessels in the normal human sclera 2014 , 55, 865-72		25
225	Intraocular lymphatics in ciliary body melanomas with extraocular extension: functional for lymphatic spread?. <i>JAMA Ophthalmology</i> , 2010 , 128, 1001-8		25
224	Adhesion structures of amniotic membranes integrated into human corneas. <i>Investigative Ophthalmology and Visual Science</i> , 2006 , 47, 1853-61		25
223	Subepidermal calcified nodule. <i>JAMA Ophthalmology</i> , 1998 , 116, 1254-5		25
222	Intraocular Lens Calcifications After (Triple-) Descemet Membrane Endothelial Keratoplasty. <i>American Journal of Ophthalmology</i> , 2017 , 179, 129-136	4.9	24

221	Future prospects: assessment of intraoperative optical coherence tomography in ab interno glaucoma surgery. <i>Current Eye Research</i> , 2015 , 40, 1288-91	2.9	24
220	Impact of Donor Age on Descemet Membrane Endothelial Keratoplasty Outcome: Evaluation of Donors Aged 17-55 Years. <i>American Journal of Ophthalmology</i> , 2016 , 170, 119-127	4.9	24
219	A missing link between SARS-CoV-2 and the eye?: ACE2 expression on the ocular surface. <i>Journal of Medical Virology</i> , 2021 , 93, 78-79	19.7	24
218	Microbubble incision as a new rescue technique for big-bubble deep anterior lamellar keratoplasty with failed bubble formation. <i>Cornea</i> , 2013 , 32, 125-9	3.1	23
217	Oculocerebral non-Hodgkin lymphoma with uveal involvement: development of an epibulbar tumor after vitrectomy. <i>JAMA Ophthalmology</i> , 2000 , 118, 1437-40		23
216	Corneal Densitometry as a Predictive Diagnostic Tool for Visual Acuity Results After Descemet Membrane Endothelial Keratoplasty. <i>American Journal of Ophthalmology</i> , 2019 , 198, 124-129	4.9	23
215	Photodynamic Therapy Leads to Time-Dependent Regression of Pathologic Corneal (Lymph) Angiogenesis and Promotes High-Risk Corneal Allograft Survival 2017 , 58, 5862-5869		22
214	The association between corneal neovascularization and visual acuity: a systematic review. <i>Acta Ophthalmologica</i> , 2013 , 91, 12-9	3.7	22
213	Transient Ingrowth of Lymphatic Vessels into the Physiologically Avascular Cornea Regulates Corneal Edema and Transparency. <i>Scientific Reports</i> , 2017 , 7, 7227	4.9	22
212	Topical Ranibizumab inhibits inflammatory corneal hem- and lymphangiogenesis. <i>Acta Ophthalmologica</i> , 2014 , 92, 143-8	3.7	22
211	Invasion of lymphatic vessels into the eye after open globe injuries 2012 , 53, 3717-25		22
210	Hepatitis C and ocular surface disease. <i>American Journal of Ophthalmology</i> , 2007 , 144, 705-711	4.9	22
209	Corneal neovascularization after nonmechanical versus mechanical corneal trephination for non-high-risk keratoplasty. <i>Cornea</i> , 2002 , 21, 648-52	3.1	22
208	Ocular findings in ichthyosis follicularis, atrichia, and photophobia syndrome. <i>JAMA Ophthalmology</i> , 1999 , 117, 681-4		22
207	Treatment of severe chronic ocular graft-versus-host disease using 100% autologous serum eye drops from a sealed manufacturing system: a retrospective cohort study. <i>British Journal of Ophthalmology</i> , 2017 , 101, 322-326	5.5	22
206	Graft Detachment Pattern After Descemet Membrane Endothelial Keratoplasty Comparing Air Versus 20% SF6 Tamponade. <i>Cornea</i> , 2018 , 37, 834-839	3.1	21
205	Intraoperative Optical Coherence Tomography Enables Noncontact Imaging During Canaloplasty. <i>Journal of Glaucoma</i> , 2016 , 25, 236-8	2.1	21
204	A new surgical triple procedure in pseudoexfoliation glaucoma using cataract surgery, Trabectome, and trabecular aspiration. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2014 , 252, 1971-5	3.8	21

203	Corneal nerve alterations in different stages of Fuchs' endothelial corneal dystrophy: an in vivo confocal microscopy study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2014 , 252, 1119-26	3.8	21
202	Spontaneous long-term course of persistent peripheral graft detachments after Descemet membrane endothelial keratoplasty. <i>British Journal of Ophthalmology</i> , 2015 , 99, 768-72	5.5	21
201	Evidence of donor corneal endothelial cell migration from immune reactions occurring after descemet membrane endothelial keratoplasty. <i>Cornea</i> , 2014 , 33, 331-4	3.1	21
200	Preexisting epiretinal membrane is associated with pseudophakic cystoid macular edema. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 909-917	3.8	20
199	Modified Hughes procedure for reconstruction of large full-thickness lower eyelid defects following tumor resection. <i>European Journal of Medical Research</i> , 2016 , 21, 27	4.8	20
198	Characterization of Antigen-Presenting Macrophages and Dendritic Cells in the Healthy Human Sclera 2016 , 57, 4878-4885		20
197	Risk of Corneal Graft Rejection After High-risk Keratoplasty Following Fine-needle Vessel Coagulation of Corneal Neovascularization Combined With Bevacizumab: A Pilot Study. <i>Transplantation Direct</i> , 2019 , 5, e452	2.3	20
196	Two-Year Course of Corneal Densitometry After Descemet Membrane Endothelial Keratoplasty. <i>American Journal of Ophthalmology</i> , 2017 , 175, 60-67	4.9	19
195	Telemetric Intraocular Pressure Monitoring after Boston Keratoprosthesis Surgery Using the Eyemate-IO Sensor: Dynamics in the First Year. <i>American Journal of Ophthalmology</i> , 2019 , 206, 256-263	4.9	19
194	Advantages of microscope-integrated intraoperative online optical coherence tomography: usage in Boston keratoprosthesis type I surgery. <i>Journal of Biomedical Optics</i> , 2016 , 21, 16005	3.5	19
193	Identification of Novel Endogenous Anti(lymph)angiogenic Factors in the Aqueous Humor 2016 , 57, 6554-6560		19
192	Neuroretinal rim in non-glaucomatous large optic nerve heads: a comparison of confocal scanning laser tomography and spectral domain optical coherence tomography. <i>British Journal of Ophthalmology</i> , 2017 , 101, 138-142	5.5	18
191	High-dose subconjunctival cyclosporine a implants do not affect corneal neovascularization after high-risk keratoplasty. <i>Ophthalmology</i> , 2014 , 121, 1677-82	7.3	18
190	Intraday Repeatability of Bruch's Membrane Opening-Based Neuroretinal Rim Measurements 2017 , 58, 5195-5200		18
189	Intraoperative optical coherence tomography: ocular surgery on a higher level or just nice pictures?. <i>JAMA Ophthalmology</i> , 2015 , 133, 1133-4	3.9	18
188	Impact of the prolymphangiogenic crosstalk in the tumor microenvironment on lymphatic cancer metastasis. <i>BioMed Research International</i> , 2014 , 2014, 639058	3	18
187	Corneal nerve alterations after Descemet membrane endothelial keratoplasty: an in vivo confocal microscopy study. <i>Cornea</i> , 2014 , 33, 1134-9	3.1	18
186	Descemet membrane endothelial keratoplasty in eyes with glaucoma implants. <i>Optometry and Vision Science</i> , 2013 , 90, e241-4; discussion 1029	2.1	18

185	Microscope-Integrated Optical Coherence Tomography-Guided Drainage of Acute Corneal Hydrops in Keratoconus Combined With Suturing and Gas-Aided Reattachment of Descemet Membrane. <i>Cornea</i> , 2019 , 38, 1058-1061	3.1	18
184	Use of accidentally torn descemet membrane to successfully complete descemet membrane endothelial keratoplasty. <i>Cornea</i> , 2013 , 32, 1418-22	3.1	17
183	Myofibroblast metaplasia after descemet membrane endothelial keratoplasty. <i>American Journal of Ophthalmology</i> , 2011 , 151, 1019-1023.e2	4.9	17
182	Corneal angiogenesis and lymphangiogenesis. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012 , 12, 548-54	3.3	17
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180	Impact of preoperative visual acuity on Descemet Membrane Endothelial Keratoplasty (DMEK) outcome. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 321-329	3.8	17
179	Evaluation of two-dimensional Bruch's membrane opening minimum rim area for glaucoma diagnostics in a large patient cohort. <i>Acta Ophthalmologica</i> , 2019 , 97, 60-67	3.7	17
178	Ocular diseases in metastatic cutaneous melanoma: review of 108 consecutive patients in two German tertiary centers. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2014 , 252, 679-85	3.8	16
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176	Structural Reversal of Disc Cupping After Trabeculectomy Alters Bruch Membrane Opening-Based Parameters to Assess Neuroretinal Rim. <i>American Journal of Ophthalmology</i> , 2018 , 194, 143-152	4.9	15
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165	Retrospective Appraisal of Split-Cornea Transplantation: An Audit of 1141 Donor Corneas. <i>JAMA Ophthalmology</i> , 2015 , 133, 1086-7	3.9	13
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137	Morning Myopic Shift and Glare in Advanced Fuchs Endothelial Corneal Dystrophy. <i>American Journal of Ophthalmology</i> , 2020 , 213, 69-75	4.9	9
136	Comparing the Hem- and Lymphangiogenic Profile of Conjunctival and Uveal Melanoma Cell Lines 2015 , 56, 5691-7		9
135	A Novel Model of Metastatic Conjunctival Melanoma in Immune-Competent Mice 2015 , 56, 5965-73		9
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109	HIV and hepatitis B/C infections in patients donating blood for use as autologous serum eye drops. <i>British Journal of Ophthalmology</i> , 2007 , 91, 1724-5	5.5	6
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104	Process development and safety evaluation of ABCB5 limbal stem cells as advanced-therapy medicinal product to treat limbal stem cell deficiency. <i>Stem Cell Research and Therapy</i> , 2021 , 12, 194	8.3	6
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84	Temporal contrast sensitivity using full-field flicker test (Erlangen flicker test) in patients after penetrating keratoplasty. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2002 , 240, 443-7	3.8	4
83	SOP Autologe Serumaugentropfen Indikation, Herstellung, Anwendung. <i>Augenheilkunde Up2date</i> , 2017 , 7, 10-14	0.1	4
82	Outcome of Descemet Membrane Endothelial Keratoplasty Using Corneas from Donors 80 Years of Age. <i>American Journal of Ophthalmology</i> , 2020 , 211, 200-206	4.9	4
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80	Ocular Involvement in COVID-19: Conjunctivitis and More. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2021 , 238, 555-560	0.8	4
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77	Single-pass Ultrathin DSAEK (UT-DSAEK) with the SLc Expert Microkeratome. <i>Acta Ophthalmologica</i> , 2017 , 95, e160-e161	3.7	3
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72	Macrophage-Mediated Tissue Vascularization: Similarities and Differences Between Cornea and Skin. <i>Frontiers in Immunology</i> , 2021 , 12, 667830	8.4	3
71	Cutting Edge: Novel Treatment Options Targeting Corneal Neovascularization to Improve High-Risk Corneal Graft Survival. <i>Cornea</i> , 2021 , 40, 1512-1518	3.1	3
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67	Lymphatic Trafficking in the Eye: Modulation of Lymphatic Trafficking to Promote Corneal Transplant Survival. <i>Cells</i> , 2021 , 10,	7.9	3
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65	Does anterior chamber-associated immune deviation (ACAID) play a role in posterior lamellar keratoplasty? Case report of a splenectomized patient. <i>BMC Ophthalmology</i> , 2019 , 19, 100	2.3	2
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63	Phacodyne versus VisionBlue as vital dyes in Descemet membrane endothelial keratoplasty. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2015 , 253, 1411-2	3.8	2
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61	Treatment of corneal edema secondary to chemical burn by Descemet membrane endothelial keratoplasty (DMEK). <i>Canadian Journal of Ophthalmology</i> , 2019 , 54, e43-e47	1.4	2
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58	Multiple imaging modalities for the detection of optic nerve head drusen: Is echography still mandatory?. <i>Acta Ophthalmologica</i> , 2017 , 95, 320-323	3.7	2
57	Impact of short-term versus longterm topical steroid treatment on idiopathic endothelial cell loss after normal-risk penetrating keratoplasty. <i>Acta Ophthalmologica</i> , 2007 , 85, 209-12		2
56	Breast carcinoma metastatic to the eyelid presenting as the first sign of insufficient chemotherapy. <i>Ophthalmologica</i> , 2001 , 215, 136-7	3.7	2
55	Descemet Membrane Endothelial Keratoplasty in Vascularized Eyes: Outcome and Effect on Corneal Neovascularization. <i>Cornea</i> , 2021 , 40, 685-689	3.1	2
54	Analysis of peripapillary vessel density and Bruch's membrane opening-based neuroretinal rim parameters in glaucoma using OCT and OCT-angiography. <i>Eye</i> , 2020 , 34, 1086-1093	4.4	2
53	Flushing Versus Pushing Technique for Graft Implantation in Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2020 , 39, 605-608	3.1	2
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51	Long-Term Outcome of Descemet Membrane Endothelial Keratoplasty in Eyes With Fuchs Endothelial Corneal Dystrophy Versus Pseudophakic Bullous Keratopathy. <i>Cornea</i> , 2021 ,	3.1	2
50	Comparison of Mini-DMEK versus predescemetal sutures as treatment of acute hydrops in keratoconus. <i>Acta Ophthalmologica</i> , 2021 , 99, e1326-e1333	3.7	2
49	Impact of allergy and atopy on the risk of pseudophakic cystoid macular edema. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2016 , 254, 2417-2423	3.8	2
48	Temporary Filtering Bleb Failure Induced by Anterior Chamber Sulfur Hexafluoride Gas: A Complication after Descemet Membrane Endothelial Keratoplasty. <i>Case Reports in Ophthalmology</i> , 2019 , 10, 120-126	0.7	2
47	Changes in Corneal Biomechanical Properties After Descemet Membrane Endothelial Keratoplasty. <i>Cornea</i> , 2019 , 38, 964-969	3.1	2
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45	The Optimal Diameter for Circumpapillary Retinal Nerve Fiber Layer Thickness Measurement by SD-OCT in Glaucoma. <i>Journal of Glaucoma</i> , 2018 , 27, 1086-1093	2.1	2
44	Scheimpflug Backscatter Imaging of the Fibrillar Layer in Fuchs Endothelial Corneal Dystrophy. <i>American Journal of Ophthalmology</i> , 2021 , 235, 63-70	4.9	2
43	A deep learning approach for successful big-bubble formation prediction in deep anterior lamellar keratoplasty. <i>Scientific Reports</i> , 2021 , 11, 18559	4.9	2
42	Author reply: To PMID 24811963. <i>Ophthalmology</i> , 2015 , 122, e28-9	7.3	1

41	Postoperative pain following Descemet membrane endothelial keratoplasty (DMEK): a prospective study. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2019 , 257, 2203-2211	3.8	1
40	Re: Kitazawa et al.: Cystoid macular edema after Descemet stripping automated endothelial keratoplasty (<i>Ophthalmology</i> . 2017;124:572-573). <i>Ophthalmology</i> , 2017 , 124, e86	7.3	1
39	Benign orbital angiomatous tumors with intracranial extension. <i>European Journal of Medical Research</i> , 2015 , 20, 63	4.8	1
38	Lack of ciliary body lymphatics in iridociliary melanocytoma. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2014 , 252, 169-71	3.8	1
37	Spontaneous resolution of corneal decompensation after big-bubble deep anterior lamellar keratoplasty with intraoperative Descemet membrane perforation. <i>Clinical and Experimental Ophthalmology</i> , 2011 , 39, 372-5	2.4	1
36	Surgical Anatomy and Pathology in Surgery of the Eyelids, Lacrimal System, Orbit and Conjunctiva 2008 , 29-75		1
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