

# Matthias Fuest

## List of Publications by Year in descending order

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47  
papers

709  
citations

687363

13  
h-index

610901

24  
g-index

47  
all docs

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docs citations

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times ranked

906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Outcomes of combined single-use dual blade goniotomy and cataract surgery. <i>International Ophthalmology</i> , 2022, , 1.	1.4	3
2	Elongation of the inferior rectus tendon with fascia lata graft for large vertical squint angles in patients with Gravesâ€™ orbitopathy. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 3365-3373.	1.9	2
3	Trapped Perfluorocarbon Liquid after Descemet Membrane Endothelial Keratoplasty. <i>Ophthalmology</i> , 2021, 128, 29.	5.2	0
4	Advances in refractive corneal lenticule extraction. <i>Taiwan Journal of Ophthalmology</i> , 2021, 11, 113.	0.7	11
5	Intraocular lens power calculation for plus and minus lenses in high myopia using partial coherence interferometry. <i>International Ophthalmology</i> , 2021, 41, 1585-1592.	1.4	7
6	Association of ocular blood flow and contrast sensitivity in normal tension glaucoma. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 2251-2257.	1.9	2
7	Effects of uncomplicated Descemet membrane endothelial keratoplasty on the central retinal thickness. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2021, 259, 2731-2741.	1.9	3
8	Does hemispheric vascular regulation differ significantly in glaucoma patients with altitudinal visual field asymmetry? A single-center, prospective study. <i>International Ophthalmology</i> , 2021, 41, 3109-3119.	1.4	3
9	Results From the German Fungal Keratitis Registry: Significant Differences Between Cases With and Without a History of Contact Lens Use. <i>Cornea</i> , 2021, 40, 1453-1461.	1.7	10
10	Human platelet lysate as a replacement for fetal bovine serum in human corneal stromal keratocyte and fibroblast culture. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 9647-9659.	3.6	7
11	Outcomes of 360Â° suture trabeculotomy after unsuccessful canaloplasty. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 387-393.	1.9	5
12	Postmortem conjunctival and nasopharyngeal swabs in SARSâ€CoVâ€2 infected and uninfected patients. <i>Acta Ophthalmologica</i> , 2020, 99, e615-e617.	1.1	14
13	Prospects and Challenges of Translational Corneal Bioprinting. <i>Bioengineering</i> , 2020, 7, 71.	3.5	37
14	Femtosecond Laser-assisted Preparation of Conjunctival Autograft for Pterygium Surgery. <i>Scientific Reports</i> , 2020, 10, 2674.	3.3	11
15	A cellular and proteomic approach to assess proteins extracted from cryopreserved human amnion in the cultivation of corneal stromal keratocytes for stromal cell therapy. <i>Eye and Vision (London, England)</i> 10.1038/s41433-020-01000-0	0.784334	0
16	Corneal bioprinting utilizing collagenâ€based bioinks and primary human keratocytes. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1945-1953.	4.0	98
17	Urea-De-Epithelialized Human Amniotic Membrane for Ocular Surface Reconstruction. <i>Stem Cells Translational Medicine</i> , 2019, 8, 620-626.	3.3	15
18	Ocular Hemodynamics in Acute Nonarteritic Anterior Ischemic Optic Neuropathy Compared With Normal Tension Glaucoma. <i>Journal of Glaucoma</i> , 2019, 28, 334-340.	1.6	9

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19	Retrobulbar and intraocular blood flow in anterior ischaemic optic neuropathy are linked to the functional impairment. <i>International Ophthalmology</i> , 2019, 39, 597-604.	1.4	3
20	Postnatal periodontal ligament as a novel adult stem cell source for regenerative corneal cell therapy. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 3119-3132.	3.6	24
21	Cryopreservation of amniotic membrane with and without glycerol additive. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2018, 256, 1117-1126.	1.9	23
22	Electro-spun Membranes as Scaffolds for Human Corneal Endothelial Cells. <i>Current Eye Research</i> , 2018, 43, 1-11.	1.5	52
23	Strategies for Deep Anterior Lamellar Keratoplasty After Hydrops in Keratoconus. <i>Eye and Contact Lens</i> , 2018, 44, 69-76.	1.6	9
24	Safety and Feasibility of Intrastromal Injection of Cultivated Human Corneal Stromal Keratocytes as Cell-Based Therapy for Corneal Opacities. , 2018, 59, 3340.		33
25	Blood Pressure and Heart Rate Variability in Primary Open-Angle Glaucoma and Normal Tension Glaucoma. <i>Current Eye Research</i> , 2018, 43, 1507-1513.	1.5	14
26	The role of corneal endothelial morphology in graft assessment and prediction of endothelial cell loss during organ culture of human donor corneas. <i>Acta Ophthalmologica</i> , 2017, 95, 205-210.	1.1	6
27	Goldmann Applanation Tonometry versus Dynamic Contour Tonometry after Vitrectomy with Silicone Oil Endotamponade. <i>Current Eye Research</i> , 2017, 42, 1007-1012.	1.5	4
28	Femtosecond Laser Assisted Pterygium Surgery. <i>Cornea</i> , 2017, 36, 889-892.	1.7	20
29	Descemet Membrane Splitting Following Deep Anterior Lamellar Keratoplasty. <i>JAMA Ophthalmology</i> , 2017, 135, e170656.	2.5	3
30	New treatment options for pterygium. <i>Expert Review of Ophthalmology</i> , 2017, 12, 193-196.	0.6	3
31	Nerve regeneration by human corneal stromal keratocytes and stromal fibroblasts. <i>Scientific Reports</i> , 2017, 7, 45396.	3.3	45
32	Femtosecond laser-assisted conjunctival autograft preparation for pterygium surgery. <i>Ocular Surface</i> , 2017, 15, 211-217.	4.4	24
33	Long-term Visual Outcomes Comparing Descemet Stripping Automated Endothelial Keratoplasty and Penetrating Keratoplasty. <i>American Journal of Ophthalmology</i> , 2017, 182, 62-71.	3.3	37
34	The effect of air, $\text{SF}_6$ and C3F8 on immortalized human corneal endothelial cells. <i>Acta Ophthalmologica</i> , 2017, 95, e284-e290.	1.1	12
35	Retinal Vessel Analysis (RVA) in the Context of Subarachnoid Hemorrhage - A Proof of Concept Study. <i>PLoS ONE</i> , 2016, 11, e0158781.	2.5	10
36	Gebauer $\text{SLC}$ Original and Moria Oneâ€ Use Plus automated microkeratomes for ultrathin Descemet's stripping automated endothelial keratoplasty preparation. <i>Acta Ophthalmologica</i> , 2016, 94, e731-e737.	1.1	9

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37	Evaluation of early anatomical changes following canaloplasty with anterior segment spectral-domain optical coherence tomography and ultrasound biomicroscopy. <i>Acta Ophthalmologica</i> , 2016, 94, e287-92.	1.1	20
38	Central Retinal Artery Occlusion in a Teenager. <i>Ophthalmology</i> , 2016, 123, 907.	5.2	1
39	Advances in corneal cell therapy. <i>Regenerative Medicine</i> , 2016, 11, 601-615.	1.7	40
40	Conjunctival and intraocular swabs for the microbiological assessment of donor corneas. <i>Acta Ophthalmologica</i> , 2016, 94, 70-75.	1.1	11
41	Blue-yellow and standard pattern visual evoked potentials in phakic and pseudophakic glaucoma patients and controls. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 2255-2261.	1.9	7
42	Blood Pressure and Heart Rate Variability to Detect Vascular Dysregulation in Glaucoma. <i>Journal of Ophthalmology</i> , 2015, 2015, 1-9.	1.3	13
43	Comparison of Gebauer SLc and Moria CBm Carriazo-Barraquer ALK Microkeratomes for Descemet's Stripping Automated Endothelial Keratoplasty Preparation. <i>Current Eye Research</i> , 2015, 41, 1-7.	1.5	3
44	Tonometry in Corneal Edema after Cataract Surgery: Rebound versus Goldmann Applanation Tonometry. <i>Current Eye Research</i> , 2014, 39, 902-907.	1.5	9
45	Clinical Observations and Occurrence of Complications following Heavy Silicone Oil Surgery. <i>BioMed Research International</i> , 2014, 2014, 1-5.	1.9	3
46	Monitoring intraocular pressure changes after intravitreal anibizumab injection using rebound tonometry. <i>Ophthalmic and Physiological Optics</i> , 2014, 34, 438-444.	2.0	16
47	The effect of cataract surgery on blue-yellow and standard-pattern visual-evoked potentials. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2014, 252, 1831-1837.	1.9	7