

# Jan Darius Unterlauff

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

403  
citations

759233

12  
h-index

794594

19  
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27  
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27  
docs citations

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times ranked

328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pigment Epithelium-Derived Factor Released by M $\mu$ ller Glial Cells Exerts Neuroprotective Effects on Retinal Ganglion Cells. <i>Neurochemical Research</i> , 2012, 37, 1524-1533.	3.3	59
2	Comparing the efficacy of trabeculectomy and XEN gel microstent implantation for the treatment of primary open-angle glaucoma: a retrospective monocentric comparative cohort study. <i>Scientific Reports</i> , 2020, 10, 19337.	3.3	49
3	Enhanced survival of retinal ganglion cells is mediated by M $\mu$ ller glial cell-derived PEDF. <i>Experimental Eye Research</i> , 2014, 127, 206-214.	2.6	37
4	Two different populations of M $\mu$ ller cells stabilize the structure of the fovea: an optical coherence tomography study. <i>International Ophthalmology</i> , 2020, 40, 2931-2948.	1.4	32
5	M $\mu$ ller cells and astrocytes in tractional macular disorders. <i>Progress in Retinal and Eye Research</i> , 2022, 86, 100977.	15.5	29
6	Morphology of partial-thickness macular defects: presumed roles of M $\mu$ ller cells and tissue layer interfaces of low mechanical stability. <i>International Journal of Retina and Vitreous</i> , 2020, 6, 28.	1.9	28
7	M $\mu$ ller Cell-Derived PEDF Mediates Neuroprotection via STAT3 Activation. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1411-1424.	1.6	25
8	Different modes of full-thickness macular hole formation. <i>Experimental Eye Research</i> , 2021, 202, 108393.	2.6	23
9	Different modes of foveal regeneration after closure of full-thickness macular holes by (re)vitrectomy and autologous platelet concentrate. <i>International Journal of Ophthalmology</i> , 2020, 13, 36-48.	1.1	19
10	Outcome of a single XEN microstent implant for glaucoma patients with different types of glaucoma. <i>BMC Ophthalmology</i> , 2020, 20, 490.	1.4	17
11	Degenerative lamellar macular holes: tractional development and morphological alterations. <i>International Ophthalmology</i> , 2021, 41, 1203-1221.	1.4	14
12	Pigment Epithelium-Derived Factor (PEDF) Receptors Are Involved in Survival of Retinal Neurons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 369.	4.1	13
13	Foveal configurations with disappearance of the foveal pit in eyes with macular pucker: Presumed role of M $\mu$ ller cells in the formation of foveal herniation. <i>Experimental Eye Research</i> , 2021, 207, 108604.	2.6	10
14	Firework-Related Eye Trauma in Germany. <i>Current Eye Research</i> , 2018, 43, 1522-1528.	1.5	9
15	Microvascular and Structural Alterations of the Macula in Early to Moderate Glaucoma: An Optical Coherence Tomography-Angiography Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 5017.	2.4	7
16	Comparing the efficacy of trabeculectomy and diode laser cyclophotocoagulation in primary open-angle glaucoma. <i>International Ophthalmology</i> , 2019, 39, 2485-2496.	1.4	6
17	Functional Monitoring after Trabeculectomy or XEN Microstent Implantation Using Spectral Domain Optical Coherence Tomography and Visual Field Indices—A Retrospective Comparative Cohort Study. <i>Biology</i> , 2021, 10, 273.	2.8	6
18	Neuroprotective effects of glial mediators in interactions between retinal neurons and M $\mu$ ller cells. <i>Experimental Eye Research</i> , 2021, 209, 108689.	2.6	6

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19	Implantation of XEN After Failed Trabeculectomy: an Efficient Therapy?. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2022, 239, 86-93.	0.5	6
20	Foveal regeneration after resolution of cystoid macular edema without and with internal limiting membrane detachment: presumed role of glial cells for foveal structure stabilization. <i>International Journal of Ophthalmology</i> , 2021, 14, 818-833.	1.1	4
21	<p>Individualized Significance of 24-Hour Intraocular Pressure Curves for Therapeutic Decisions in Primary Chronic Open-Angle Glaucoma Patients</p>. <i>Clinical Ophthalmology</i> , 2020, Volume 14, 1483-1494.	1.8	2
22	Retinometer predicts visual outcome in Descemet membrane endothelial keratoplasty. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2022, 260, 2283-2290.	1.9	1
23	Microvascular and Morphologic Changes of the Macula over Lifetime. <i>Life</i> , 2022, 12, 568.	2.4	0