

# Maximilian Pfau

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

2,150  
citations

304743

22  
h-index

345221

36  
g-index

90  
all docs

90  
docs citations

90  
times ranked

1833  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical coherence tomography angiography of the foveal avascular zone in diabetic retinopathy. Graefe's Archive for Clinical and Experimental Ophthalmology, 2016, 254, 1051-1058.	1.9	224
2	Swept-Source OCT Angiography Imaging of the Foveal Avascular Zone and Macular Capillary Network Density in Diabetic Retinopathy. , 2016, 57, 3907.		185
3	An Extended Helical Conformation in Domain 3a of Munc18-1 Provides a Template for SNARE (Soluble) Tj ETQq1 1 0.784314 rgBT /Ov Biological Chemistry, 2014, 289, 9639-9650.	3.4	105
4	Progression of Photoreceptor Degeneration in Geographic Atrophy Secondary to Age-related Macular Degeneration. JAMA Ophthalmology, 2020, 138, 1026.	2.5	58
5	Optical Coherence Tomography Angiography of the Foveal Avascular Zone in Retinal Vein Occlusion. Ophthalmologica, 2016, 235, 195-202.	1.9	57
6	Fundus autofluorescence imaging. Progress in Retinal and Eye Research, 2021, 81, 100893.	15.5	57
7	Fundus-controlled perimetry (microperimetry): Application as outcome measure in clinical trials. Progress in Retinal and Eye Research, 2021, 82, 100907.	15.5	55
8	Green-Light Autofluorescence Versus Combined Blue-Light Autofluorescence and Near-Infrared Reflectance Imaging in Geographic Atrophy Secondary to Age-Related Macular Degeneration. , 2017, 58, BIO121.		50
9	Optical Coherence Tomography Angiography in Intermediate Uveitis. American Journal of Ophthalmology, 2018, 194, 35-45.	3.3	46
10	Type 1 Choroidal Neovascularization Is Associated with Reduced Localized Progression of Atrophy in Age-Related Macular Degeneration. Ophthalmology Retina, 2020, 4, 238-248.	2.4	46
11	Mesopic and dark-adapted two-color fundus-controlled perimetry in patients with cuticular, reticular, and soft drusen. Eye, 2018, 32, 1819-1830.	2.1	44
12	PROGNOSTIC VALUE OF SHAPE-DESCRIPTIVE FACTORS FOR THE PROGRESSION OF GEOGRAPHIC ATROPHY SECONDARY TO AGE-RELATED MACULAR DEGENERATION. Retina, 2019, 39, 1527-1540.	1.7	44
13	Quantitative Features of the Choriocapillaris in Healthy Individuals Using Swept-Source Optical Coherence Tomography Angiography. Ophthalmic Surgery Lasers and Imaging Retina, 2017, 48, 623-631.	0.7	42
14	Effective Dynamic Range and Retest Reliability of Dark-Adapted Two-Color Fundus-Controlled Perimetry in Patients With Macular Diseases. , 2017, 58, BIO158.		40
15	Choroidal Flow Signal in Late-Onset Stargardt Disease and Age-Related Macular Degeneration: An OCT-Angiography Study. , 2018, 59, AMD122.		38
16	Evaluation of Two Systems for Fundus-Controlled Scotopic and Mesopic Perimetry in Eye with Age-Related Macular Degeneration. Translational Vision Science and Technology, 2017, 6, 7.	2.2	37
17	Artificial intelligence for morphology-based function prediction in neovascular age-related macular degeneration. Scientific Reports, 2019, 9, 11132.	3.3	37
18	MESOPIC AND DARK-ADAPTED TWO-COLOR FUNDUS-CONTROLLED PERIMETRY IN GEOGRAPHIC ATROPHY SECONDARY TO AGE-RELATED MACULAR DEGENERATION. Retina, 2020, 40, 169-180.	1.7	37

#	ARTICLE	IF	CITATIONS
19	Combined Fundus Autofluorescence and Near Infrared Reflectance as Prognostic Biomarkers for Visual Acuity in Foveal-Sparing Geographic Atrophy. , 2017, 58, BIO61.		36
20	Clinical Experience With the First Commercially Available Intraoperative Optical Coherence Tomography System. Ophthalmic Surgery Lasers and Imaging Retina, 2015, 46, 1001-1008.	0.7	35
21	Determinants of Cone and Rod Functions in Geographic Atrophy: AI-Based Structure-Function Correlation. American Journal of Ophthalmology, 2020, 217, 162-173.	3.3	35
22	OCT Signs of Early Atrophy in Age-Related Macular Degeneration: Interreader Agreement. Ophthalmology Retina, 2022, 6, 4-14.	2.4	35
23	Test-Retest Reliability of Scotopic and Mesopic Fundus-Controlled Perimetry Using a Modified MAIA (Macular Integrity Assessment) in Normal Eyes. Ophthalmologica, 2017, 237, 42-54.	1.9	34
24	OCT Angiography-Based Detection and Quantification of the Neovascular Network in Exudative AMD. , 2016, 57, 6342.		33
25	Retest Reliability of Mesopic and Dark-Adapted Microperimetry in Patients With Intermediate Age-Related Macular Degeneration and Age-Matched Controls. , 2018, 59, AMD152.		30
26	Structure-Function Analysis in Patients With Intermediate Age-Related Macular Degeneration. , 2018, 59, 1599.		30
27	Determinants of Quality of Life in Geographic Atrophy Secondary to Age-Related Macular Degeneration. , 2020, 61, 63.		30
28	Comparison of Green Versus Blue Fundus Autofluorescence in ABCA4-Related Retinopathy. Translational Vision Science and Technology, 2018, 7, 13.	2.2	29
29	Assessment of Novel Genome-Wide Significant Gene Loci and Lesion Growth in Geographic Atrophy Secondary to Age-Related Macular Degeneration. JAMA Ophthalmology, 2019, 137, 867.	2.5	28
30	Mesopic and Dark-Adapted Two-Color Fundus-Controlled Perimetry in Choroidal Neovascularization Secondary to Age-Related Macular Degeneration. Translational Vision Science and Technology, 2019, 8, 7.	2.2	25
31	Clinical Outcome after Switching Therapy from Ranibizumab and/or Bevacizumab to Aflibercept in Central Retinal Vein Occlusion. Ophthalmic Research, 2015, 54, 150-156.	1.9	23
32	Distinct Genetic Risk Profile of the Rapidly Progressing Diffuse-Trickling Subtype of Geographic Atrophy in Age-Related Macular Degeneration (AMD). , 2016, 57, 2463.		22
33	Visual field indices and patterns of visual field deficits in mesopic and dark-adapted two-colour fundus-controlled perimetry in macular diseases. British Journal of Ophthalmology, 2018, 102, 1054-1059.	3.9	22
34	Assessment of Exudative Activity of Choroidal Neovascularization in Age-Related Macular Degeneration by OCT Angiography. Ophthalmologica, 2020, 243, 120-128.	1.9	22
35	Longitudinal Analysis of Structural and Functional Changes in Presence of Reticular Pseudodrusen Associated With Age-Related Macular Degeneration. , 2020, 61, 19.		22
36	Multimodal Imaging Patterns for Development of Central Atrophy Secondary to Age-Related Macular Degeneration. , 2018, 59, AMD1.		19

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37	Detecting vision loss in intermediate age-related macular degeneration: A comparison of visual function tests. PLoS ONE, 2020, 15, e0231748.	2.5	19
38	Determinants of Reading Performance in Eyes with Foveal-Sparing Geographic Atrophy. Ophthalmology Retina, 2019, 3, 201-210.	2.4	18
39	Light Sensitivity Within Areas of Geographic Atrophy Secondary to Age-Related Macular Degeneration. , 2019, 60, 3992.		17
40	Prognostic value of intermediate age-related macular degeneration phenotypes for geographic atrophy progression. British Journal of Ophthalmology, 2021, 105, 239-245.	3.9	17
41	Response of Postoperative and Chronic Uveitic Cystoid Macular Edema to a Dexamethasone-Based Intravitreal Implant (Ozurdex). Journal of Ocular Pharmacology and Therapeutics, 2016, 32, 442-450.	1.4	16
42	Phenotypic Spectrum of the Foveal Configuration and Foveal Avascular Zone in Patients With Alport Syndrome. , 2020, 61, 5.		16
43	Progression of Retinopathy Secondary to Maternally Inherited Diabetes and Deafness “ Evaluation of Predicting Parameters. American Journal of Ophthalmology, 2020, 213, 134-144.	3.3	16
44	Longitudinal Analysis of Retinal Thickness and Retinal Function in Eyes with Large Drusen Secondary to Intermediate Age-Related Macular Degeneration. Ophthalmology Retina, 2021, 5, 241-250.	2.4	16
45	PROGRESSION OF ABCA4-RELATED RETINOPATHY. Retina, 2020, 40, 2343-2356.	1.7	15
46	Probabilistic Forecasting of Anti-VEGF Treatment Frequency in Neovascular Age-Related Macular Degeneration. Translational Vision Science and Technology, 2021, 10, 30.	2.2	14
47	Retinal Sensitivity Using Microperimetry in Age-Related Macular Degeneration in an Amish Population. Ophthalmic Surgery Lasers and Imaging Retina, 2019, 50, e236-e241.	0.7	14
48	Association of Reading Performance in Geographic Atrophy Secondary to Age-Related Macular Degeneration With Visual Function and Structural Biomarkers. JAMA Ophthalmology, 2021, 139, 1191.	2.5	13
49	Progression of Age-Related Macular Degeneration Among Individuals Homozygous for Risk Alleles on Chromosome 1 (<i>CFH-CFH</i>) or Chromosome 10 (<i>ARMS2/HTRA1</i>) or Both. JAMA Ophthalmology, 2022, 140, 252.	2.5	13
50	Mesopic and Scotopic Light Sensitivity and Its Microstructural Correlates in Pseudoxanthoma Elasticum. JAMA Ophthalmology, 2020, 138, 1272.	2.5	12
51	Longitudinal Analysis of Drusen Volume in Intermediate Age-Related Macular Degeneration Using Two Spectral-Domain Optical Coherence Tomography Scan Patterns. Ophthalmologica, 2018, 239, 110-120.	1.9	11
52	Dark-Adapted Two-Color Fundus-Controlled Perimetry in Macular Telangiectasia Type 2. , 2019, 60, 1760.		11
53	Prognostic Value of Retinal Layers in Comparison with Other Risk Factors for Conversion of Intermediate Age-related Macular Degeneration. Ophthalmology Retina, 2020, 4, 31-40.	2.4	11
54	Prediction of Function in ABCA4-Related Retinopathy Using Ensemble Machine Learning. Journal of Clinical Medicine, 2020, 9, 2428.	2.4	11

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55	Optical coherence tomography angiography in age-related macular degeneration: persistence of vascular network in quiescent choroidal neovascularization. <i>Acta Ophthalmologica</i> , 2017, 95, 428-430.	1.1	10
56	QUANTIFICATION OF INTRARETINAL HARD EXUDATES IN EYES WITH DIABETIC RETINOPATHY BY OPTICAL COHERENCE TOMOGRAPHY. <i>Retina</i> , 2018, 38, 231-236.	1.7	10
57	Local Progression Kinetics of Geographic Atrophy in Age-Related Macular Degeneration Are Associated With Atrophy Border Morphology. , 2018, 59, AMD12.		10
58	Photoreceptor degeneration in ABCA4-associated retinopathy and its genetic correlates. <i>JCI Insight</i> , 2022, 7, .	5.0	10
59	Structural Changes in Optical Coherence Tomography Underlying Spots of Increased Autofluorescence in the Perilesional Zone of Geographic Atrophy. , 2017, 58, 3303.		9
60	Validation of an Automated Quantification of Relative Ellipsoid Zone Reflectivity on Spectral Domain-Optical Coherence Tomography Images. <i>Translational Vision Science and Technology</i> , 2020, 9, 17.	2.2	9
61	AI-based structure-function correlation in age-related macular degeneration. <i>Eye</i> , 2021, 35, 2110-2118.	2.1	8
62	NATURAL HISTORY OF QUANTITATIVE AUTOFLUORESCENCE IN INTERMEDIATE AGE-RELATED MACULAR DEGENERATION. <i>Retina</i> , 2021, 41, 694-700.	1.7	8
63	Visual Dysfunction and Structural Correlates in Sorsby Fundus Dystrophy. <i>American Journal of Ophthalmology</i> , 2022, 234, 274-284.	3.3	8
64	Persistent visual loss in dengue fever due to outer retinal damage. <i>Clinical and Experimental Ophthalmology</i> , 2017, 45, 747-749.	2.6	7
65	Long-Term Intravitreal Dexamethasone Treatment in Eyes with Pretreated Chronic Diabetic Macular Edema. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2017, 33, 620-628.	1.4	7
66	Optical Coherence Tomography-Angiography in Geographic Atrophy. <i>Ophthalmologica</i> , 2021, 244, 42-50.	1.9	7
67	Estimation of current and post-treatment retinal function in chronic central serous chorioretinopathy using artificial intelligence. <i>Scientific Reports</i> , 2021, 11, 20446.	3.3	7
68	Retinal light sensitivity as outcome measure in recessive Stargardt disease. <i>British Journal of Ophthalmology</i> , 2021, 105, 258-264.	3.9	6
69	Scotopic microperimetry: evolution, applications and future directions. <i>Australasian journal of optometry, The</i> , 2022, 105, 793-800.	1.3	6
70	Intersession Repeatability of Structural Biomarkers in Early and Intermediate Age-Related Macular Degeneration: A MACUSTAR Study Report. <i>Translational Vision Science and Technology</i> , 2022, 11, 27.	2.2	6
71	Natural History of the Relative Ellipsoid Zone Reflectivity in Age-Related Macular Degeneration. <i>Ophthalmology Retina</i> , 2022, 6, 1165-1172.	2.4	6
72	Inferred retinal sensitivity in recessive Stargardt disease using machine learning. <i>Scientific Reports</i> , 2021, 11, 1466.	3.3	5

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73	Repeatability and Discriminatory Power of Chart-Based Visual Function Tests in Individuals With Age-Related Macular Degeneration. JAMA Ophthalmology, 0, , .	2.5	4
74	Autofluorescence Imaging. ESASO Course Series, 2018, , 65-87.	0.1	2
75	Modeling of atrophy size trajectories: variable transformation, prediction and age-of-onset estimation. BMC Medical Research Methodology, 2021, 21, 170.	3.1	2
76	The Willingness of Patients to Participate in an Eye Donation Registry for Research. Ophthalmologica, 2021, 244, 179-186.	1.9	2
77	Angio-OCT de la zona avascular foveal en ojos con oclusi3n venosa de la retina. Ophthalmologica, 2017, 238, 39-47.	1.9	0
78	Re: Jaffe etÂal.: C5 inhibitor avacincaptad pegol for geographic atrophy due to age-related macular degeneration (Ophthalmology. 2021;128:576â€“586). Ophthalmology, 2021, 128, e219.	5.2	0
79	Re: Trivizki et al. Local Geographic Atrophy Growth Rates Not Influenced by Close Proximity to Non-Exudative Type 1 Macular Neovascularization. , 2022, 63, 10.		0
80	Blue-light fundus autofluorescence imaging of pigment epithelial detachments. Eye, 2023, 37, 1191-1201.	2.1	0