

# Matthias Klemm

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

457  
citations

932766

10  
h-index

752256

20  
g-index

26  
all docs

26  
docs citations

26  
times ranked

348  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral calibration of fluorescence lifetime imaging ophthalmoscopy. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	5
2	Reliability Improvement of UWB Tracker for Hospital Asset Management System : Case Study for TEE Probe Monitoring. , 2021, , .		0
3	Spectral fundus autofluorescence peak emission wavelength in ageing and AMD. <i>Acta Ophthalmologica</i> , 2021, , .	0.6	4
4	Comparison of algorithms to suppress artifacts from the natural lens in fluorescence lifetime imaging ophthalmoscopy (FLIO). <i>Biomedical Optics Express</i> , 2020, 11, 5586.	1.5	6
5	MagCPP: A C++ toolbox for Combining Neurofeedback with Magstim transcranial magnetic stimulators. <i>Current Directions in Biomedical Engineering</i> , 2020, 6, 497-500.	0.2	1
6	Pulsed Electrical Stimulation of the Human Eye Enhances Retinal Vessel Reaction to Flickering Light. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 371.	1.0	9
7	Bleaching effects and fluorescence lifetime imaging ophthalmoscopy. <i>Biomedical Optics Express</i> , 2019, 10, 1446.	1.5	7
8	Monitoring foveal sparing in geographic atrophy with fluorescence lifetime imaging ophthalmoscopy â€” a novel approach. <i>Acta Ophthalmologica</i> , 2018, 96, 257-266.	0.6	34
9	Fundus autofluorescence beyond lipofuscin: lesson learned from ex vivo fluorescence lifetime imaging in porcine eyes. <i>Biomedical Optics Express</i> , 2018, 9, 3078.	1.5	17
10	Hydrogen peroxide modulates energy metabolism and oxidative stress in cultures of permanent human MÃ¼ller cells MIOâ€”1. <i>Journal of Biophotonics</i> , 2017, 10, 1180-1188.	1.1	6
11	Hypoxiaâ€”induced redox signalling in MÃ¼ller cells. <i>Acta Ophthalmologica</i> , 2017, 95, e337-e339.	0.6	3
12	Monitoring macular pigment changes in macular holes using fluorescence lifetime imaging ophthalmoscopy. <i>Acta Ophthalmologica</i> , 2017, 95, 481-492.	0.6	38
13	Fundus autofluorescence lifetimes are increased in nonâ€”proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2017, 95, 33-40.	0.6	43
14	Combination of confocal principle and aperture stop separation improves suppression of crystalline lens fluorescence in an eye model. <i>Biomedical Optics Express</i> , 2016, 7, 3198.	1.5	10
15	FLIMX: A Software Package to Determine and Analyze the Fluorescence Lifetime in Time-Resolved Fluorescence Data from the Human Eye. <i>PLoS ONE</i> , 2015, 10, e0131640.	1.1	41
16	Fluorescence lifetime imaging ophthalmoscopy in type 2 diabetic patients who have no signs of diabetic retinopathy. <i>Journal of Biomedical Optics</i> , 2015, 20, 061106.	1.4	74
17	Repeatability of wide-field autofluorescence lifetime imaging at the human retina in healthy volunteers. <i>Acta Ophthalmologica</i> , 2015, 93, n/a-n/a.	0.6	0
18	Effects of excitation coil configurations in magnetorelaxometry imaging of magnetic nanoparticles. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Repeatability of Autofluorescence Lifetime Imaging at the Human Fundus in Healthy Volunteers. Current Eye Research, 2013, 38, 793-801.	0.7	37
20	Simple Approaches to Fluorescence Lifetime Standards Using Dye-Quencher Pairs. Biomedizinische Technik, 2012, 57, .	0.9	0
21	Independent component analysis: comparison of algorithms for the investigation of surface electrical brain activity. Medical and Biological Engineering and Computing, 2009, 47, 413-423.	1.6	49
22	Method for simultaneous detection of functionality and tomography. , 2009, , .		5