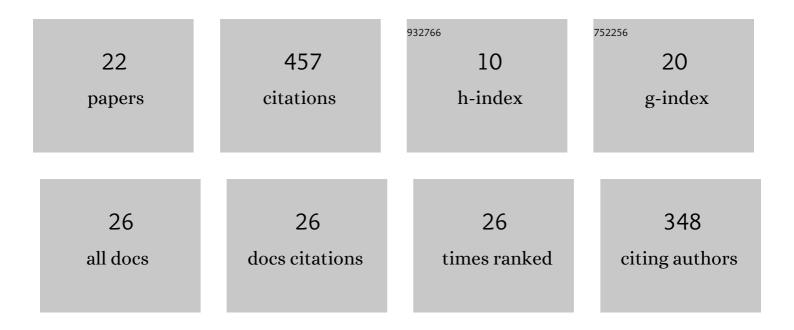
## Matthias Klemm

List of Publications by Year in descending order

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MATTHIAS KIEMM

#	Article	IF	CITATIONS
1	Spectral calibration of fluorescence lifetime imaging ophthalmoscopy. Acta Ophthalmologica, 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. Acta Ophthalmologica, 2021, , .	0.6	4
4	Comparison of algorithms to suppress artifacts from the natural lens in fluorescence lifetime imaging ophthalmoscopy (FLIO). Biomedical Optics Express, 2020, 11, 5586.	1.5	6
5	MagCPP: A C++ toolbox for Combining Neurofeedback with Magstim transcranial magnetic stimulators. Current Directions in Biomedical Engineering, 2020, 6, 497-500.	0.2	1
6	Pulsed Electrical Stimulation of the Human Eye Enhances Retinal Vessel Reaction to Flickering Light. Frontiers in Human Neuroscience, 2019, 13, 371.	1.0	9
7	Bleaching effects and fluorescence lifetime imaging ophthalmoscopy. Biomedical Optics Express, 2019, 10, 1446.	1.5	7
8	Monitoring foveal sparing in geographic atrophy with fluorescence lifetime imaging ophthalmoscopy – a novel approach. Acta Ophthalmologica, 2018, 96, 257-266.	0.6	34
9	Fundus autofluorescence beyond lipofuscin: lesson learned from ex vivo fluorescence lifetime imaging in porcine eyes. Biomedical Optics Express, 2018, 9, 3078.	1.5	17
10	Hydrogen peroxide modulates energy metabolism and oxidative stress in cultures of permanent human Müller cells MIOâ€M1. Journal of Biophotonics, 2017, 10, 1180-1188.	1.1	6
11	Hypoxiaâ€induced redox signalling in Müller cells. Acta Ophthalmologica, 2017, 95, e337-e339.	0.6	3
12	Monitoring macular pigment changes in macular holes using fluorescence lifetime imaging ophthalmoscopy. Acta Ophthalmologica, 2017, 95, 481-492.	0.6	38
13	Fundus autofluorescence lifetimes are increased in nonâ€proliferative diabetic retinopathy. Acta Ophthalmologica, 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. Biomedical Optics Express, 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. PLoS ONE, 2015, 10, e0131640.	1.1	41
16	Fluorescence lifetime imaging ophthalmoscopy in type 2 diabetic patients who have no signs of diabetic retinopathy. Journal of Biomedical Optics, 2015, 20, 061106.	1.4	74
17	Repeatability of wide-field autofluorescence lifetime imaging at the human retina in healthy volunteers. Acta Ophthalmologica, 2015, 93, n/a-n/a.	0.6	0
18	Effects of excitation coil configurations in magnetorelaxometry imaging of magnetic nanoparticles. , 2014		3

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#	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

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