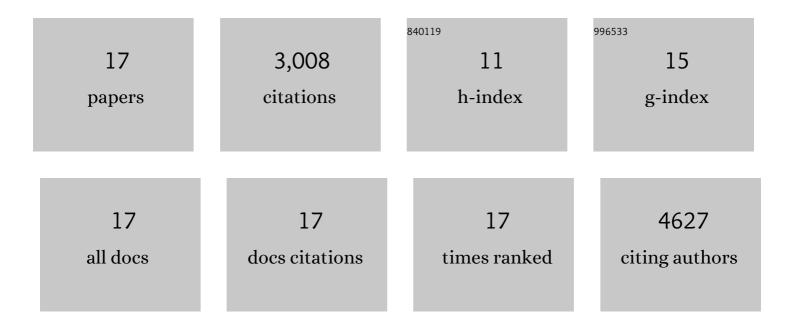
Klaus Becker

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Engineering a better light sheet in an axiconâ€based system using a flattened Gaussian beam of low order. Journal of Biophotonics, 2022, 15, e202100342.	1.1	7
2	Visualizing minute details in lightâ€sheet and confocal microscopy data by combining 3D rolling ball filtering and deconvolution. Journal of Biophotonics, 2021, , e202100290.	1.1	3
3	A versatile depigmentation, clearing, and labeling method for exploring nervous system diversity. Science Advances, 2020, 6, eaba0365.	4.7	56
4	Highâ€resolution imaging of fluorescent whole mouse brains using stabilised organic media (sDISCO). Journal of Biophotonics, 2019, 12, e201800368.	1.1	51
5	Deconvolution of light sheet microscopy recordings. Scientific Reports, 2019, 9, 17625.	1.6	33
6	Reshaping a multimode laser beam into a constructed Gaussian beam for generating a thin light sheet. Journal of Biophotonics, 2018, 11, e201700213.	1.1	3
7	High-resolution ultramicroscopy of the developing and adult nervous system in optically cleared Drosophila melanogaster. Nature Communications, 2018, 9, 4731.	5.8	54
8	Breaking the diffraction limit of light sheets allows fast isotropic imaging of large samples by ultramicroscopy. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY32-2.	0.0	0
9	Light-Sheet Fluorescence Microscopy: Chemical Clearing and Labeling Protocols for Ultramicroscopy. Methods in Molecular Biology, 2017, 1563, 33-49.	0.4	4
10	Ultramicroscopy: development and outlook. Neurophotonics, 2015, 2, 041407.	1.7	22
11	Recent developments in light sheet ultramicroscopy imaging techniques. , 2015, , .		1
12	Reduction of Photo Bleaching and Long Term Archiving of Chemically Cleared GFP-Expressing Mouse Brains. PLoS ONE, 2014, 9, e114149.	1.1	21
13	3Dâ€ultramicroscopy utilizing aspheric optics. Journal of Biophotonics, 2014, 7, 117-125.	1.1	35
14	Three-dimensional imaging of solvent-cleared organs using 3DISCO. Nature Protocols, 2012, 7, 1983-1995.	5.5	850
15	Chemical Clearing and Dehydration of GFP Expressing Mouse Brains. PLoS ONE, 2012, 7, e33916.	1.1	249
16	Three-dimensional reconstruction and segmentation of intact Drosophila by ultramicroscopy. Frontiers in Systems Neuroscience, 2010, 4, 1.	1.2	456
17	Ultramicroscopy: three-dimensional visualization of neuronal networks in the whole mouse brain. Nature Methods, 2007, 4, 331-336.	9.0	1,163