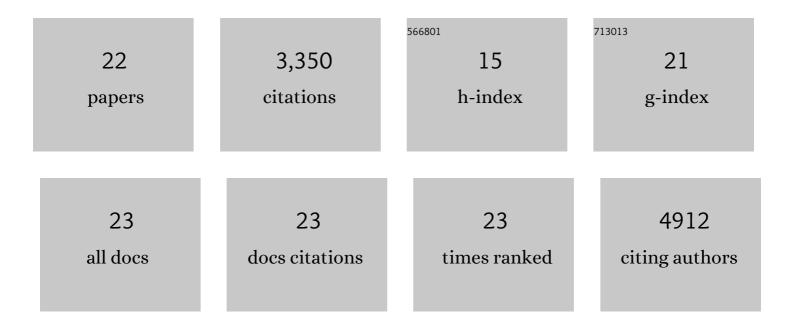
Hans-Ulrich Dodt

List of Publications by Year in descending order

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HANS-LUDICH DODT

#	Article	IF	CITATIONS
1	Ultramicroscopy: three-dimensional visualization of neuronal networks in the whole mouse brain. Nature Methods, 2007, 4, 331-336.	9.0	1,163
2	Three-dimensional imaging of solvent-cleared organs using 3DISCO. Nature Protocols, 2012, 7, 1983-1995.	5.5	850
3	Three-dimensional reconstruction and segmentation of intact Drosophila by ultramicroscopy. Frontiers in Systems Neuroscience, 2010, 4, 1.	1.2	456
4	Chemical Clearing and Dehydration of GFP Expressing Mouse Brains. PLoS ONE, 2012, 7, e33916.	1.1	249
5	Whole-Brain Profiling of Cells and Circuits in Mammals by Tissue Clearing and Light-Sheet Microscopy. Neuron, 2020, 106, 369-387.	3.8	145
6	Infrared-Guided Laser Stimulation of Neurons in Brain Slices. Science Signaling, 2002, 2002, pl2-pl2.	1.6	65
7	A versatile depigmentation, clearing, and labeling method for exploring nervous system diversity. Science Advances, 2020, 6, eaba0365.	4.7	56
8	High-resolution ultramicroscopy of the developing and adult nervous system in optically cleared Drosophila melanogaster. Nature Communications, 2018, 9, 4731.	5.8	54
9	Highâ€resolution imaging of fluorescent whole mouse brains using stabilised organic media (sDISCO). Journal of Biophotonics, 2019, 12, e201800368.	1.1	51
10	Whole-Brain Analysis of Cells and Circuits by Tissue Clearing and Light-Sheet Microscopy. Journal of Neuroscience, 2018, 38, 9330-9337.	1.7	45
11	3D histopathology of human tumours by fast clearing and ultramicroscopy. Scientific Reports, 2020, 10, 17619.	1.6	39
12	3Dâ€ultramicroscopy utilizing aspheric optics. Journal of Biophotonics, 2014, 7, 117-125.	1.1	35
13	Deconvolution of light sheet microscopy recordings. Scientific Reports, 2019, 9, 17625.	1.6	33
14	Ultramicroscopy: development and outlook. Neurophotonics, 2015, 2, 041407.	1.7	22
15	Visualization of neuronal form and function in brain slices by infrared videomicroscopy. , 1998, 30, 141-152.		21
16	Reduction of Photo Bleaching and Long Term Archiving of Chemically Cleared GFP-Expressing Mouse Brains. PLoS ONE, 2014, 9, e114149.	1.1	21
17	The Intrinsic Optical Signal Evoked by Chiasm Stimulation in the Rat Suprachiasmatic Nuclei Exhibits GABAergic Day-Night Variation. European Journal of Neuroscience, 1996, 8, 319-328.	1.2	13
18	Trichobilharzia regenti (Schistosomatidae): 3D imaging techniques in characterization of larval migration through the CNS of vertebrates. Micron, 2016, 83, 62-71.	1.1	11

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#	Article	IF	CITATIONS
19	The superresolved brain. Science, 2015, 347, 474-475.	6.0	10
20	The cytokine MIF controls daily rhythms of symbiont nutrition in an animal–bacterial association. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 27578-27586.	3.3	6
21	O utlook on optimizing ultramicroscopy imaging technique through optical characterization. Microscopy Research and Technique, 2018, 81, 929-935.	1.2	2
22	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