

Per Niklas Hedde

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,248
citations

394421

19
h-index

395702

33
g-index

40
all docs

40
docs citations

40
times ranked

2304
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial transcriptomics using combinatorial fluorescence spectral and lifetime encoding, imaging and analysis. <i>Nature Communications</i> , 2022, 13, 169.	12.8	31
2	Differential Mobility and Self-Association of Arc/Arg3.1 in the Cytoplasm and Nucleus of Living Cells. <i>ACS Chemical Neuroscience</i> , 2022, 13, 876-882.	3.5	6
3	PI4P-Dependent Targeting of ATG14 to Mature Autophagosomes. <i>Biochemistry</i> , 2022, 61, 722-729.	2.5	3
4	Membrane Remodeling by Arc/Arg3.1. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 630625.	3.5	8
5	Phasor-based hyperspectral snapshot microscopy allows fast imaging of live, three-dimensional tissues for biomedical applications. <i>Communications Biology</i> , 2021, 4, 721.	4.4	30
6	Dietary Supplementation With Eicosapentaenoic Acid Inhibits Plasma Cell Differentiation and Attenuates Lupus Autoimmunity. <i>Frontiers in Immunology</i> , 2021, 12, 650856.	4.8	9
7	miniSPIM – A Miniaturized Light-Sheet Microscope. <i>ACS Sensors</i> , 2021, 6, 2654-2663.	7.8	12
8	Gain-of-Function Properties of a Dynamin 2 Mutant Implicated in Charcot-Marie-Tooth Disease. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 745940.	3.7	6
9	A modular microarray imaging system for highly specific COVID-19 antibody testing. <i>Lab on A Chip</i> , 2020, 20, 3302-3309.	6.0	34
10	Rapid isolation of rare targets from large fluid volumes. <i>Scientific Reports</i> , 2020, 10, 12458.	3.3	4
11	Barriers to Diffusion in Cells: Visualization of Membraneless Particles in the Nucleus. <i>The Biophysicist</i> , 2020, 1, .	0.3	2
12	Multi-Modal Fluorescence Characterization of Cell Cycle Progression and Cytokinesis. <i>Biophysical Journal</i> , 2019, 116, 24a.	0.5	0
13	Pair Correlation Analysis Maps the Dynamic Two-Dimensional Organization of Natural Killer Cell Receptors at the Synapse. <i>ACS Nano</i> , 2019, 13, 14274-14282.	14.6	14
14	Fluorescence lifetime detection with particle counting devices. <i>Biomedical Optics Express</i> , 2019, 10, 1223.	2.9	3
15	Educated natural killer cells show dynamic movement of the activating receptor NKp46 and confinement of the inhibitory receptor Ly49A. <i>Science Signaling</i> , 2018, 11, .	3.6	22
16	Selective plane illumination microscopy with a light sheet of uniform thickness formed by an electrically tunable lens. <i>Microscopy Research and Technique</i> , 2018, 81, 924-928.	2.2	33
17	Visualization of barriers and obstacles to molecular diffusion in live cells by spatial pair-cross-correlation in two dimensions. <i>Biomedical Optics Express</i> , 2018, 9, 303.	2.9	26
18	sideSPIM – selective plane illumination based on a conventional inverted microscope. <i>Biomedical Optics Express</i> , 2017, 8, 3918.	2.9	22

#	ARTICLE	IF	CITATIONS
19	Multi-scale silica structures for improved HIV-1 Capsid (p24) antigen detection. <i>Analyst</i> , The, 2016, 141, 4181-4188.	3.5	3
20	Fluorescence Anisotropy Imaging in 3D with Single Plane Illumination Microscopy. <i>Biophysical Journal</i> , 2016, 110, 482a.	0.5	0
21	Intestinal Phospholipid Remodeling Is Required for Dietary-Lipid Uptake and Survival on a High-Fat Diet. <i>Cell Metabolism</i> , 2016, 23, 492-504.	16.2	98
22	LXRs link metabolism to inflammation through Abca1-dependent regulation of membrane composition and TLR signaling. <i>ELife</i> , 2015, 4, e08009.	6.0	219
23	3D fluorescence anisotropy imaging using selective plane illumination microscopy. <i>Optics Express</i> , 2015, 23, 22308.	3.4	15
24	Active focus stabilization for upright selective plane illumination microscopy. <i>Optics Express</i> , 2015, 23, 14707.	3.4	9
25	Lpcat3-dependent production of arachidonoyl phospholipids is a key determinant of triglyceride secretion. <i>ELife</i> , 2015, 4, .	6.0	142
26	Localization and Dynamics of Glucocorticoid Receptor at the Plasma Membrane of Activated Mast Cells. <i>Small</i> , 2014, 10, 1991-1998.	10.0	31
27	Super-resolution localization microscopy with photoactivatable fluorescent marker proteins. <i>Protoplasma</i> , 2014, 251, 349-362.	2.1	20
28	Organization of perinuclear actin in live tobacco cells observed by PALM with optical sectioning. <i>Journal of Plant Physiology</i> , 2014, 171, 97-108.	3.5	33
29	Rapid Measurement of Molecular Transport and Interaction inside Living Cells Using Single Plane Illumination. <i>Scientific Reports</i> , 2014, 4, 7048.	3.3	21
30	Fast and Efficient Molecule Detection in Localization-Based Super-Resolution Microscopy by Parallel Adaptive Histogram Equalization. <i>ACS Nano</i> , 2013, 7, 5207-5214.	14.6	35
31	Dual Color Photoactivation Localization Microscopy of Cardiomyopathy-associated Desmin Mutants. <i>Journal of Biological Chemistry</i> , 2012, 287, 16047-16057.	3.4	49
32	Optical imaging of nanoscale cellular structures. <i>Biophysical Reviews</i> , 2010, 2, 147-158.	3.2	27
33	A photoactivatable marker protein for pulse-chase imaging with superresolution. <i>Nature Methods</i> , 2010, 7, 627-630.	19.0	116
34	Ultra-fast, high-precision image analysis for localization-based super resolution microscopy. <i>Optics Express</i> , 2010, 18, 11867.	3.4	76
35	Online image analysis software for photoactivation localization microscopy. <i>Nature Methods</i> , 2009, 6, 689-690.	19.0	86