Per Niklas Hedde

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3829404/publications.pdf

Version: 2024-02-01

35	1,248	394421 19	395702 33
papers	citations	h-index	g-index

40	40	40	2304
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	LXRs link metabolism to inflammation through Abca1-dependent regulation of membrane composition and TLR signaling. ELife, 2015, 4, e08009.	6.0	219
2	Lpcat3-dependent production of arachidonoyl phospholipids is a key determinant of triglyceride secretion. ELife, 2015, 4, .	6.0	142
3	A photoactivatable marker protein for pulse-chase imaging with superresolution. Nature Methods, 2010, 7, 627-630.	19.0	116
4	Intestinal Phospholipid Remodeling Is Required for Dietary-Lipid Uptake and Survival on a High-Fat Diet. Cell Metabolism, 2016, 23, 492-504.	16.2	98
5	Online image analysis software for photoactivation localization microscopy. Nature Methods, 2009, 6, 689-690.	19.0	86
6	Ultra-fast, high-precision image analysis for localization-based super resolution microscopy. Optics Express, 2010, 18, 11867.	3.4	76
7	Dual Color Photoactivation Localization Microscopy of Cardiomyopathy-associated Desmin Mutants. Journal of Biological Chemistry, 2012, 287, 16047-16057.	3.4	49
8	Fast and Efficient Molecule Detection in Localization-Based Super-Resolution Microscopy by Parallel Adaptive Histogram Equalization. ACS Nano, 2013, 7, 5207-5214.	14.6	35
9	A modular microarray imaging system for highly specific COVID-19 antibody testing. Lab on A Chip, 2020, 20, 3302-3309.	6.0	34
10	Organization of perinuclear actin in live tobacco cells observed by PALM with optical sectioning. Journal of Plant Physiology, 2014, 171, 97-108.	3.5	33
11	Selective plane illumination microscopy with a light sheet of uniform thickness formed by an electrically tunable lens. Microscopy Research and Technique, 2018, 81, 924-928.	2.2	33
12	Localization and Dynamics of Glucocorticoid Receptor at the Plasma Membrane of Activated Mast Cells. Small, 2014, 10, 1991-1998.	10.0	31
13	Spatial transcriptomics using combinatorial fluorescence spectral and lifetime encoding, imaging and analysis. Nature Communications, 2022, 13, 169.	12.8	31
14	Phasor-based hyperspectral snapshot microscopy allows fast imaging of live, three-dimensional tissues for biomedical applications. Communications Biology, 2021, 4, 721.	4.4	30
15	Optical imaging of nanoscale cellular structures. Biophysical Reviews, 2010, 2, 147-158.	3.2	27
16	Visualization of barriers and obstacles to molecular diffusion in live cells by spatial pair-cross-correlation in two dimensions. Biomedical Optics Express, 2018, 9, 303.	2.9	26
17	sideSPIM â€“ selective plane illumination based on a conventional inverted microscope. Biomedical Optics Express, 2017, 8, 3918.	2.9	22
18	Educated natural killer cells show dynamic movement of the activating receptor NKp46 and confinement of the inhibitory receptor Ly49A. Science Signaling, 2018, 11, .	3.6	22

#	Article	IF	Citations
19	Rapid Measurement of Molecular Transport and Interaction inside Living Cells Using Single Plane Illumination. Scientific Reports, 2014, 4, 7048.	3.3	21
20	Super-resolution localization microscopy with photoactivatable fluorescent marker proteins. Protoplasma, 2014, 251, 349-362.	2.1	20
21	3D fluorescence anisotropy imaging using selective plane illumination microscopy. Optics Express, 2015, 23, 22308.	3.4	15
22	Pair Correlation Analysis Maps the Dynamic Two-Dimensional Organization of Natural Killer Cell Receptors at the Synapse. ACS Nano, 2019, 13, 14274-14282.	14.6	14
23	miniSPIMâ€”A Miniaturized Light-Sheet Microscope. ACS Sensors, 2021, 6, 2654-2663.	7.8	12
24	Active focus stabilization for upright selective plane illumination microscopy. Optics Express, 2015, 23, 14707.	3.4	9
25	Dietary Supplementation With Eicosapentaenoic Acid Inhibits Plasma Cell Differentiation and Attenuates Lupus Autoimmunity. Frontiers in Immunology, 2021, 12, 650856.	4.8	9
26	Membrane Remodeling by Arc/Arg3.1. Frontiers in Molecular Biosciences, 2021, 8, 630625.	3.5	8
27	Gain-of-Function Properties of a Dynamin 2 Mutant Implicated in Charcot-Marie-Tooth Disease. Frontiers in Cellular Neuroscience, 2021, 15, 745940.	3.7	6
28	Differential Mobility and Self-Association of Arc/Arg3.1 in the Cytoplasm and Nucleus of Living Cells. ACS Chemical Neuroscience, 2022, 13, 876-882.	3.5	6
29	Rapid isolation of rare targets from large fluid volumes. Scientific Reports, 2020, 10, 12458.	3.3	4
30	Multi-scale silica structures for improved HIV-1 Capsid (p24) antigen detection. Analyst, The, 2016, 141, 4181-4188.	3.5	3
31	Fluorescence lifetime detection with particle counting devices. Biomedical Optics Express, 2019, 10, 1223.	2.9	3
32	PI4P-Dependent Targeting of ATG14 to Mature Autophagosomes. Biochemistry, 2022, 61, 722-729.	2.5	3
33	Barriers to Diffusion in Cells: Visualization of Membraneless Particles in the Nucleus. The Biophysicist, 2020, 1, .	0.3	2
34	Fluorescence Anisotropy Imaging in 3D with Single Plane Illumination Microscopy. Biophysical Journal, 2016, 110, 482a.	0.5	0
35	Multi-Modal Fluorescence Characterization of Cell Cycle Progression and Cytokinesis. Biophysical Journal, 2019, 116, 24a.	0.5	0