Carsten Hille

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8834669/publications.pdf

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22	406	759233 12	752698 20
papers	citations	h-index	g-index

23	23	23	710
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A moonlighting role for enzymes of glycolysis in the co-localization of mitochondria and chloroplasts. Nature Communications, 2020, 11, 4509.	12.8	47
2	Study on intracellular delivery of liposome encapsulated quantum dots using advanced fluorescence microscopy. Scientific Reports, 2019, 9, 10504.	3.3	18
3	Binding affinity data of DNA aptamers for therapeutic anthracyclines from microscale thermophoresis and surface plasmon resonance spectroscopy. Analyst, The, 2019, 144, 6064-6073.	3.5	17
4	The in vivo mechanics of the magnetotactic backbone as revealed by correlative FLIM-FRET and STED microscopy. Scientific Reports, 2019, 9, 19615.	3.3	7
5	Local tissue manipulation via a force- and pressure-controlled AFM micropipette for analysis of cellular processes. Scientific Reports, 2018, 8, 5892.	3.3	5
6	Femtosecond-Pulsed Laser Written and Etched Fiber Bragg Gratings for Fiber-Optical Biosensing. Sensors, 2018, 18, 2844.	3.8	17
7	Diffraction-Unlimited Fluorescence Imaging with an EasySTED Retrofitted Confocal Microscope. Methods in Molecular Biology, 2017, 1663, 29-44.	0.9	1
8	Binary phase masks for easy system alignment and basic aberration sensing with spatial light modulators in STED microscopy. Scientific Reports, 2017, 7, 15699.	3.3	8
9	Simultaneous Fluorescence and Phosphorescence Lifetime Imaging Microscopy in Living Cells. Scientific Reports, 2015, 5, 14334.	3.3	41
10	Upgrade of a Scanning Confocal Microscope to a Single-Beam Path STED Microscope. PLoS ONE, 2015, 10, e0130717.	2.5	5
11	A Multifunctional Frontloading Approach for Repeated Recycling of a Pressure-Controlled AFM Micropipette. PLoS ONE, 2015, 10, e0144157.	2.5	3
12	TCSPC based approaches for multiparameter detection in living cells. Proceedings of SPIE, 2014, , .	0.8	0
13	Asante Calcium Green and Asante Calcium Redâ€"Novel Calcium Indicators for Two-Photon Fluorescence Lifetime Imaging. PLoS ONE, 2014, 9, e105334.	2.5	7
14	Time-resolved fluorescence microscopy for quantitative Ca2+ imaging in living cells. Analytical and Bioanalytical Chemistry, 2013, 405, 8525-8537.	3.7	18
15	Fluorescence study of drugâ€"carrier interactions in CTAB/PBS buffer model systems. Journal of Colloid and Interface Science, 2012, 377, 251-261.	9.4	31
16	Two-photon microscopy and fluorescence lifetime imaging reveal stimulus-induced intracellular Na+ and Clâ¯ changes in cockroach salivary acinar cells. American Journal of Physiology - Cell Physiology, 2011, 300, C1323-C1336.	4.6	25
17	pH and chloride recordings in living cells using two-photon fluorescence lifetime imaging microscopy. Proceedings of SPIE, 2010, , .	0.8	2
18	Two-photon fluorescence lifetime imaging of intracellular chloride in cockroach salivary glands. Photochemical and Photobiological Sciences, 2009, 8, 319-327.	2.9	43

#	Article	IF	Citations
19	Time-domain fluorescence lifetime imaging for intracellular pH sensing in living tissues. Analytical and Bioanalytical Chemistry, 2008, 391, 1871-1879.	3.7	72
20	Characterisation of neurotransmitter-induced electrolyte transport in cockroach salivary glands by intracellular Ca2+, Na+ and pH measurements in duct cells. Journal of Experimental Biology, 2008, 211, 568-576.	1.7	16
21	A vacuolar-type H+-ATPase and a Na+/H+exchanger contribute to intracellular pH regulation in cockroach salivary ducts. Journal of Experimental Biology, 2007, 210, 1463-1471.	1.7	10
22	Dopamine-induced graded intracellular Ca2+ elevation via the Na+Ca2+ exchanger operating in the Ca2+-entry mode in cockroach salivary ducts. Cell Calcium, 2006, 39, 305-311.	2.4	12