Mathias P Clausen

List of Publications by Year
in descending order

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30 papers	1,198 citations	471061 17 h-index	476904 29 g-index
30 all docs	30 docs citations	30 times ranked	1680 citing authors

#	Article	IF	Citations
1	Super-resolution microscopy to visualize and quantify protein microstructural organization in food materials and its relation to rheology: Egg white proteins. Food Hydrocolloids, 2022, 124, 107281.	5.6	12
2	Feasibility of United Arab Emirates Native Seaweed Ulva intestinalis as a Food Source: Study of Nutritional and Mineral Compositions. Phycology, 2022, 2, 120-131.	1.7	3
3	Zein-stabilized emulsions by ethanol addition; stability and microstructure. Food Hydrocolloids, 2022, 133, 107973.	5.6	9
4	Compressed fluids extraction methods, yields, antioxidant activities, total phenolics and flavonoids content for Brazilian Mantiqueira hops. Journal of Supercritical Fluids, 2021, 170, 105155.	1.6	19
5	Gastrophysical and chemical characterization of structural changes in cooked squid mantle. Journal of Food Science, 2021, 86, 4811-4827.	1.5	4
6	Gastronomy unravelled by physics: Gastrophysics. International Journal of Food Design, 2021, 6, 153-180.	0.6	8
7	Microscopic characterization of fatty liver-based emulsions: Bridging microstructure and texture in foie gras and pÃ¢tÃ©. Physics of Fluids, 2021, 33, .	1.6	7
8	Consumer perception of snack sausages enriched with umami-tasting meat protein hydrolysates. Meat Science, 2019, 150, 65-76.	2.7	17
9	The Microscopic Structure of Crunchy and Crispy Jellyfish. Biophysical Journal, 2018, 114, 538a.	0.2	3
10	The quest for umami: Can sous vide contribute?. International Journal of Gastronomy and Food Science, 2018, 13, 129-133.	1.3	18
11	Optimized processing and analysis of conventional confocal microscopy generated scanning FCS data. Methods, 2018, 140-141, 62-73.	1.9	33
12	Squids of the North: Gastronomy and gastrophysics of Danish squid. International Journal of Gastronomy and Food Science, 2018, 14, 66-76.	1.3	16
13	Enhancing the health potential of processed meat: the effect of chitosan or carboxymethyl cellulose enrichment on inherent microstructure, water mobility and oxidation in a meat-based food matrix. Food and Function, 2018, 9, 4017-4027.	2.1	27
14	Convergence of lateral dynamic measurements in the plasma membrane of live cells from single particle tracking and STED-FCS. Journal Physics D: Applied Physics, 2017, 50, 063001.	1.3	52
15	Diffusion of lipids and GPI-anchored proteins in actin-free plasma membrane vesicles measured by STED-FCS. Molecular Biology of the Cell, 2017, 28, 1507-1518.	0.9	110
16	Cytoskeletal actin dynamics shape a ramifying actin network underpinning immunological synapse formation. Science Advances, 2017, 3, e1603032.	4.7	143
17	Super-resolution Microscopy Reveals Compartmentalization of Peroxisomal Membrane Proteins. Journal of Biological Chemistry, 2016, 291, 16948-16962.	1.6	66
18	ns-time resolution for multispecies STED-FLIM and artifact free STED-FCS. , 2016, , .		8

#	Article	IF	Citations
19	A comparative study on fluorescent cholesterol analogs as versatile cellular reporters. Journal of Lipid Research, 2016, 57, 299-309.	2.0	78
20	FoCuS-point: software for STED fluorescence correlation and time-gated single photon counting. Bioinformatics, 2016, 32, 958-960.	1.8	57
21	Regulation of peroxisomal matrix protein import by ubiquitination. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 838-849.	1.9	46
22	STED-FLCS: An Advanced Tool to Reveal Spatiotemporal Heterogeneity of Molecular Membrane Dynamics. Nano Letters, 2015, 15, 5912-5918.	4.5	71
23	Cortical actin networks induce spatio-temporal confinement of phospholipids in the plasma membrane â€“ a minimally invasive investigation by STED-FCS. Scientific Reports, 2015, 5, 11454.	1.6	106
24	A straightforward approach for gated STED-FCS to investigate lipid membrane dynamics. Methods, 2015, 88, 67-75.	1.9	50
25	Pathways to optical STED microscopy. NanoBioImaging, 2014, 1, .	1.0	18
26	Simultaneous Multi-Species Tracking in Live Cells with Quantum Dot Conjugates. PLoS ONE, 2014, 9, e97671.	1.1	26
27	Visualization of Plasma Membrane Compartmentalization by High-Speed Quantum Dot Tracking. Nano Letters, 2013, 13, 2332-2337.	4.5	65
28	Bridging the Gap between Single Molecule and Ensemble Methods for Measuring Lateral Dynamics in the Plasma Membrane. PLoS ONE, 2013, 8, e78096.	1.1	11
29	The Probe Rules in Single Particle Tracking. Current Protein and Peptide Science, 2011, 12, 699-713.	0.7	61
30	The antipsychotic drug chlorpromazine enhances the cytotoxic effect of tamoxifen in tamoxifen-sensitive and tamoxifen-resistant human breast cancer cells. Anti-Cancer Drugs, 2009, 20, 723-735.	0.7	54