Martin StÃ¶ckl

List of Publications by Year
in descending order

27	1,336	471371 17	610775 24
papers	citations	h-index	g-index

28	28	28	2238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Joint Action in Times of Pandemic: The German <scp>BioImaging</scp> Recommendations for Operating Imaging Core Facilities During the <scp>SARSâ€Cov</scp>â€2 Emergency. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 882-886.	1.1	9
2	Tolerance in superstructures formed from high-quality colloidal ZnO nanoparticles with hexagonal cross-section. CrystEngComm, 2019, 21, 5137-5144.	1.3	5
3	Lipid-Conjugated Rigidochromic Probe Discloses Membrane Alteration in Model Cells of Krabbe Disease. Biophysical Journal, 2019, 116, 477-486.	0.2	6
4	The C-terminal domain of p53 orchestrates the interplay between non-covalent and covalent poly(ADP-ribosyl)ation of p53 by PARP1. Nucleic Acids Research, 2018, 46, 804-822.	6.5	79
5	Polyaspartic acid facilitates oxolation within iron(<scp>iii</scp>) oxide pre-nucleation clusters and drives the formation of organic-inorganic composites. Journal of Chemical Physics, 2016, 145, 211917.	1.2	13
6	Characterizing Nanoscale Morphologic and Mechanical Properties of Î±-Synuclein Amyloid Fibrils with Atomic Force Microscopy. , 2014, , 309-322.		2
7	Î±â€Synuclein oligomers distinctively permeabilize complex model membranes. FEBS Journal, 2014, 281, 2838-2850.	2.2	55
8	Imaging the static dielectric constant in vitro and in living cells by a bioconjugable GFP chromophore analog. Chemical Communications, 2013, 49, 1723.	2.2	18
9	Î±-Synuclein Oligomers: an Amyloid Pore?. Molecular Neurobiology, 2013, 47, 613-621.	1.9	87
10	Membrane bound Î±â€synuclein is fully embedded in the lipid bilayer while segments with higher flexibility remain. FEBS Letters, 2013, 587, 2572-2577.	1.3	25
11	Highlighting the DNA damage response with ultrashort laser pulses in the near infrared and kinetic modeling. Frontiers in Genetics, 2013, 4, 135.	1.1	29
12	Kinetic measurements give new insights into lipid membrane permeabilization by Î±-synuclein oligomers. Molecular BioSystems, 2012, 8, 338-345.	2.9	38
13	Studying Membrane Properties Using Fluorescence Lifetime Imaging Microscopy (FLIM). Springer Series on Fluorescence, 2012, , 215-240.	0.8	4
14	Applications of Fluorescence Lifetime Spectroscopy and Imaging to Lipid Domains In Vivo. Methods in Enzymology, 2012, 504, 57-81.	0.4	28
15	Subunit composition of an energy-coupling-factor-type biotin transporter analysed in living bacteria. Biochemical Journal, 2010, 431, 373-381.	1.7	30
16	Direct Visualization of Large and Protein-Free Hemifusion Diaphragms. Biophysical Journal, 2010, 98, 1192-1199.	0.2	59
17	Hemagglutinin of Influenza Virus Partitions into the Nonraft Domain of Model Membranes. Biophysical Journal, 2010, 99, 489-498.	0.2	55
18	Detection of lipid domains in model and cell membranes by fluorescence lifetime imaging microscopy. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1444-1456.	1.4	79

#	Article	IF	Citations
19	Visualization of Lipid Domain-Specific Protein Sorting in Giant Unilamellar Vesicles. Methods in Molecular Biology, 2010, 606, 115-126.	0.4	11
20	Functional implications of the influence of ABCA1 on lipid microenvironment at the plasma membrane: a biophysical study. FASEB Journal, 2009, 23, 1775-1785.	0.2	45
21	Interaction Of Human Islet Amyloid Poly Peptide With Phospholipid Membrane Vesicles. Biophysical Journal, 2009, 96, 158a.	0.2	0
22	Detection of Lipid Domains in Model and Plasma Membranes by Fluorescence Lifetime Imaging Microscopy of Fluorescent Lipid Analogues. Biophysical Journal, 2009, 96, 451a.	0.2	0
23	Liveâ€cell analysis of cell penetration ability and toxicity of oligoâ€arginines. Journal of Peptide Science, 2008, 14, 469-476.	0.8	238
24	Characterization of the Ternary Mixture of Sphingomyelin, POPC, and Cholesterol: Support for an Inhomogeneous Lipid Distribution at High Temperatures. Biophysical Journal, 2008, 94, 2680-2690.	0.2	127
25	Î±-Synuclein Selectively Binds to Anionic Phospholipids Embedded in Liquid-Disordered Domains. Journal of Molecular Biology, 2008, 375, 1394-1404.	2.0	165
26	Detection of Lipid Domains in Model and Cell Membranes by Fluorescence Lifetime Imaging Microscopy of Fluorescent Lipid Analogues. Journal of Biological Chemistry, 2008, 283, 30828-30837.	1.6	69
27	Flippase Activity Detected with Unlabeled Lipids by Shape Changes of Giant Unilamellar Vesicles. Journal of Biological Chemistry, 2007, 282, 15559-15568.	1.6	59