

StÃ©phanie Mangenot

List of Publications by Year in descending order

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24
papers

1,083
citations

430874

18
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

1348
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of New Hexagonal Supramolecular Nanostructures Formed by Squalenoylation of an Anticancer Nucleoside Analogue. <i>Small</i> , 2008, 4, 247-253.	10.0	114
2	Salt-Induced Conformation and Interaction Changes of Nucleosome Core Particles. <i>Biophysical Journal</i> , 2002, 82, 345-356.	0.5	112
3	Real-Time Imaging of DNA Ejection from Single Phage Particles. <i>Current Biology</i> , 2005, 15, 430-435.	3.9	92
4	Human ESCRT-III polymers assemble on positively curved membranes and induce helical membrane tube formation. <i>Nature Communications</i> , 2020, 11, 2663.	12.8	81
5	Membrane reshaping by micrometric curvature sensitive septin filaments. <i>Nature Communications</i> , 2019, 10, 420.	12.8	80
6	Modeling Detergent Organization around Aquaporin-0 Using Small-Angle X-ray Scattering. <i>Journal of the American Chemical Society</i> , 2012, 134, 10080-10088.	13.7	78
7	Phase Diagram of Nucleosome Core Particles. <i>Journal of Molecular Biology</i> , 2003, 333, 907-916.	4.2	61
8	Structure and Phase Diagram of Nucleosome Core Particles Aggregated by Multivalent Cations. <i>Biophysical Journal</i> , 2007, 93, 3652-3663.	0.5	57
9	Are liquid crystalline properties of nucleosomes involved in chromosome structure and dynamics?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2006, 364, 2615-2633.	3.4	54
10	Structural Information, Resolution, and Noise in High-Resolution Atomic Force Microscopy Topographs. <i>Biophysical Journal</i> , 2009, 96, 3822-3831.	0.5	51
11	X-Ray Diffraction Characterization of the Dense Phases Formed by Nucleosome Core Particles. <i>Biophysical Journal</i> , 2003, 84, 2570-2584.	0.5	47
12	The ESCRT CHMP2B acts as a diffusion barrier on reconstituted membrane necks. <i>Journal of Cell Science</i> , 2018, 132, .	2.0	38
13	Septin-based readout of PI(4,5)P2 incorporation into membranes of giant unilamellar vesicles. <i>Cytoskeleton</i> , 2019, 76, 92-103.	2.0	30
14	Transport of Nucleosome Core Particles in Semidilute DNA Solutions. <i>Biophysical Journal</i> , 2003, 85, 1817-1825.	0.5	26
15	Malformation of junctional microdomains in cataract lens membranes from a type II diabetes patient. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 457, 1265-1274.	2.8	24
16	H2A and H2B tails are essential to properly reconstitute nucleosome core particles. <i>European Biophysics Journal</i> , 2007, 36, 1083-1094.	2.2	23
17	Ab Initio and All-Atom Modeling of Detergent Organization around Aquaporin-0 Based on SAXS Data. <i>Journal of Physical Chemistry B</i> , 2013, 117, 13588-13594.	2.6	22
18	The Matrix protein M1 from influenza C virus induces tubular membrane invaginations in an in vitro cell membrane model. <i>Scientific Reports</i> , 2017, 7, 40801.	3.3	21

#	ARTICLE	IF	CITATIONS
19	The ESCRT-III isoforms CHMP2A and CHMP2B display different effects on membranes upon polymerization. BMC Biology, 2021, 19, 66.	3.8	16
20	Spreading of porous vesicles subjected to osmotic shocks: the role of aquaporins. Soft Matter, 2016, 12, 1601-1609.	2.7	14
21	Correlative AFM and fluorescence imaging demonstrate nanoscale membrane remodeling and ring-like and tubular structure formation by septins. Nanoscale, 2021, 13, 12484-12493.	5.6	12
22	Encapsidation and transfer of phage DNA into host cells: From in vivo to single particles studies. Biochimica Et Biophysica Acta - General Subjects, 2005, 1724, 255-261.	2.4	8
23	Structural and electrical properties of epitaxial SBT thin films by PLD. Ferroelectrics, 1999, 225, 221-228.	0.6	1
24	Characterization of CHMP Polymers at the Mesoscale. Biophysical Journal, 2017, 112, 360a.	0.5	0