

Mariana KÃ¶rber

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

660
citations

759233

12
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642732

23
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23
all docs

23
docs citations

23
times ranked

965
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering pH-Sensitive Stable Nanovesicles for Delivery of MicroRNA Therapeutics. <i>Small</i> , 2022, 18, e2101959.	10.0	13
2	Methods for Processing Protein Aggregates into Surfaces. <i>Methods in Molecular Biology</i> , 2022, 2406, 517-530.	0.9	2
3	Methods for the Characterization of Protein Aggregates. <i>Methods in Molecular Biology</i> , 2022, 2406, 479-497.	0.9	2
4	Quatsomes Formulated with Prolinol-Derived Surfactants as Antibacterial Nanocarriers of (+)-Usnic Acid with Antioxidant Activity. <i>ACS Applied Nano Materials</i> , 2022, 5, 6140-6148.	5.0	6
5	Increasing resonance energy transfer upon dilution: a counterintuitive observation in CTAB micelles. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10952-10964.	5.5	8
6	Engineering DNA-Grafted Quatsomes as Stable Nucleic Acid-Responsive Fluorescent Nanovesicles. <i>Advanced Functional Materials</i> , 2021, 31, 2103511.	14.9	9
7	Homogeneous and stable (+)-usnic acid loaded liposomes prepared by compressed CO ₂ . <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 624, 126749.	4.7	6
8	Use of N-oxide and cationic surfactants to enhance antioxidant properties of (+)-usnic acid loaded liposomes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 585, 124154.	4.7	18
9	MKC-Quatsomes: a stable nanovesicle platform for bio-imaging and drug-delivery applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102136.	3.3	17
10	Dye-Loaded Quatsomes Exhibiting FRET as Nanoprobes for Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20253-20262.	8.0	24
11	High-throughput, high-force probing of DNA-protein interactions with magnetic tweezers. <i>Methods</i> , 2016, 105, 90-98.	3.8	27
12	Biological Magnetometry: Torque on Superparamagnetic Beads in Magnetic Fields. <i>Physical Review Letters</i> , 2015, 114, 218301.	7.8	61
13	A force calibration standard for magnetic tweezers. <i>Review of Scientific Instruments</i> , 2014, 85, 123114.	1.3	63
14	Nanoparticle-Mediated Monitoring of Carbohydrate-Lectin Interactions Using Transient Magnetic Birefringence. <i>Analytical Chemistry</i> , 2014, 86, 12159-12165.	6.5	12
15	Double-stranded RNA under force and torque: Similarities to and striking differences from double-stranded DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15408-15413.	7.1	162
16	Single-walled carbon nanotubes as anisotropic relaxation probes for magnetic resonance imaging. <i>MedChemComm</i> , 2013, 4, 669.	3.4	14
17	Ammonia induces aquaporin-4 rearrangement in the plasma membrane of cultured astrocytes. <i>Neurochemistry International</i> , 2012, 61, 1314-1324.	3.8	20
18	Transient magnetic birefringence for determining magnetic nanoparticle diameters in dense, highly light scattering media. <i>Nanotechnology</i> , 2012, 23, 155501.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Nanogeometry Matters: Unexpected Decrease of Capillary Adhesion Forces with Increasing Relative Humidity. <i>Small</i> , 2010, 6, 2725-2730.	10.0	45
20	Room-Temperature Reaction of Oxygen with Gold: An In situ Ambient-Pressure X-ray Photoelectron Spectroscopy Investigation. <i>Journal of the American Chemical Society</i> , 2010, 132, 2858-2859.	13.7	79
21	Phase contrast in Simultaneous Topography and Recognition imaging. <i>Ultramicroscopy</i> , 2009, 109, 1189-1192.	1.9	2
22	Adhesion hysteresis in dynamic atomic force microscopy. <i>Physica Status Solidi - Rapid Research Letters</i> , 2008, 2, 138-140.	2.4	11
23	Comparison of luminescence imaging and illuminated lock-in thermography on silicon solar cells. <i>Applied Physics Letters</i> , 2006, 89, 224102.	3.3	50