

Mariana KÃjber

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

660
citations

759233

12
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

965
citing authors

#	ARTICLE	IF	CITATIONS
1	Double-stranded RNA under force and torque: Similarities to and striking differences from double-stranded DNA. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15408-15413.	7.1	162
2	Room-Temperature Reaction of Oxygen with Gold: An In situ Ambient-Pressure X-ray Photoelectron Spectroscopy Investigation. Journal of the American Chemical Society, 2010, 132, 2858-2859.	13.7	79
3	A force calibration standard for magnetic tweezers. Review of Scientific Instruments, 2014, 85, 123114.	1.3	63
4	Biological Magnetometry: Torque on Superparamagnetic Beads in Magnetic Fields. Physical Review Letters, 2015, 114, 218301.	7.8	61
5	Comparison of luminescence imaging and illuminated lock-in thermography on silicon solar cells. Applied Physics Letters, 2006, 89, 224102.	3.3	50
6	Nanogeometry Matters: Unexpected Decrease of Capillary Adhesion Forces with Increasing Relative Humidity. Small, 2010, 6, 2725-2730.	10.0	45
7	High-throughput, high-force probing of DNA-protein interactions with magnetic tweezers. Methods, 2016, 105, 90-98.	3.8	27
8	Dye-Loaded Quatsomes Exhibiting FRET as Nanoprobes for Bioimaging. ACS Applied Materials & Interfaces, 2020, 12, 20253-20262.	8.0	24
9	Ammonia induces aquaporin-4 rearrangement in the plasma membrane of cultured astrocytes. Neurochemistry International, 2012, 61, 1314-1324.	3.8	20
10	Use of N-oxide and cationic surfactants to enhance antioxidant properties of (+)-usnic acid loaded liposomes. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124154.	4.7	18
11	MKC-Quatsomes: a stable nanovesicle platform for bio-imaging and drug-delivery applications. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 24, 102136.	3.3	17
12	Single-walled carbon nanotubes as anisotropic relaxation probes for magnetic resonance imaging. MedChemComm, 2013, 4, 669.	3.4	14
13	Engineering pH-Sensitive Stable Nanovesicles for Delivery of MicroRNA Therapeutics. Small, 2022, 18, e2101959.	10.0	13
14	Nanoparticle-Mediated Monitoring of Carbohydrate-Lectin Interactions Using Transient Magnetic Birefringence. Analytical Chemistry, 2014, 86, 12159-12165.	6.5	12
15	Adhesion hysteresis in dynamic atomic force microscopy. Physica Status Solidi - Rapid Research Letters, 2008, 2, 138-140.	2.4	11
16	Transient magnetic birefringence for determining magnetic nanoparticle diameters in dense, highly light scattering media. Nanotechnology, 2012, 23, 155501.	2.6	9
17	Engineering DNA-Grafted Quatsomes as Stable Nucleic Acid-Responsive Fluorescent Nanovesicles. Advanced Functional Materials, 2021, 31, 2103511.	14.9	9
18	Increasing resonance energy transfer upon dilution: a counterintuitive observation in CTAB micelles. Journal of Materials Chemistry C, 2021, 9, 10952-10964.	5.5	8

#	ARTICLE	IF	CITATIONS
19	Homogeneous and stable (+)-usnic acid loaded liposomes prepared by compressed CO ₂ . Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 624, 126749.	4.7	6
20	Quatsomes Formulated with α -Prolinol-Derived Surfactants as Antibacterial Nanocarriers of (+)-Usnic Acid with Antioxidant Activity. ACS Applied Nano Materials, 2022, 5, 6140-6148.	5.0	6
21	Phase contrast in Simultaneous Topography and Recognition imaging. Ultramicroscopy, 2009, 109, 1189-1192.	1.9	2
22	Methods for Processing Protein Aggregates into Surfaces. Methods in Molecular Biology, 2022, 2406, 517-530.	0.9	2
23	Methods for the Characterization of Protein Aggregates. Methods in Molecular Biology, 2022, 2406, 479-497.	0.9	2