

Michael Lm Leitner

List of Publications by Year in descending order

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19
papers

336
citations

1040056

9
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA building blocks for AFM tip functionalization: An easy, fast and stable strategy. <i>Methods</i> , 2021, , .	3.8	3
2	Assessment of lithium ion battery ageing by combined impedance spectroscopy, functional microscopy and finite element modelling. <i>Journal of Power Sources</i> , 2021, 512, 230459.	7.8	17
3	Quantifying biomolecular hydrophobicity: Single molecule force spectroscopy of class II hydrophobins. <i>Journal of Biological Chemistry</i> , 2021, 296, 100728.	3.4	5
4	Atomic Force Microscopy Imaging in Turbid Liquids: A Promising Tool in Nanomedicine. <i>Sensors</i> , 2020, 20, 3715.	3.8	7
5	Characterization of the specific interaction between the DNA aptamer sgc8c and protein tyrosine kinase-7 receptors at the surface of T-cells by biosensing AFM. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2767-2776.	3.7	33
6	Atomic Force Microscopy as a Tool to Assess the Specificity of Targeted Nanoparticles in Biological Models of High Complexity. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700597.	7.6	6
7	Advanced portrayal of SMIL coating by allying CZE performance with in-capillary topographic and charge-related surface characterization. <i>Analytica Chimica Acta</i> , 2017, 951, 1-15.	5.4	9
8	Mapping molecular adhesion sites inside SMIL coated capillaries using atomic force microscopy recognition imaging. <i>Analytica Chimica Acta</i> , 2016, 930, 39-48.	5.4	9
9	Aptamer-based detection of thrombin by acoustic method using DNA tetrahedrons as immobilisation platform. <i>Chemical Papers</i> , 2015, 69, .	2.2	6
10	pH-Dependent Deformations of the Energy Landscape of Avidin-like Proteins Investigated by Single Molecule Force Spectroscopy. <i>Molecules</i> , 2014, 19, 12531-12546.	3.8	10
11	Investigating the binding behaviour of two avidin-based testosterone binders using molecular recognition force spectroscopy. <i>Journal of Molecular Recognition</i> , 2014, 27, 92-97.	2.1	4
12	Activation induced morphological changes and integrin α IIb β 3 activity of living platelets. <i>Methods</i> , 2013, 60, 179-185.	3.8	18
13	Targeted Delivery of siRNA into Breast Cancer Cells via Phage Fusion Proteins. <i>Molecular Pharmaceutics</i> , 2013, 10, 551-559.	4.6	46
14	Increased imaging speed and force sensitivity for bio-applications with small cantilevers using a conventional AFM setup. <i>Micron</i> , 2012, 43, 1399-1407.	2.2	19
15	Topology-selective Chromatography Reveals Plasmid Supercoiling Shifts during Fermentation and Allows Rapid and Efficient Preparation of Topoisomers. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 267-270.	13.8	6
16	Time-resolved chloroquine-induced relaxation of supercoiled plasmid DNA. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 373-380.	3.7	7
17	Single-Molecule AFM Characterization of Individual Chemically Tagged DNA Tetrahedra. <i>ACS Nano</i> , 2011, 5, 7048-7054.	14.6	33
18	Detection of metal binding sites on functional S-layer nanoarrays using single molecule force spectroscopy. <i>Journal of Structural Biology</i> , 2009, 168, 217-222.	2.8	32

#	ARTICLE	IF	CITATIONS
19	Recognition Imaging and Highly Ordered Molecular Templating of Bacterial S-Layer Nanoarrays Containing Affinity-Tags. Nano Letters, 2008, 8, 4312-4319.	9.1	66