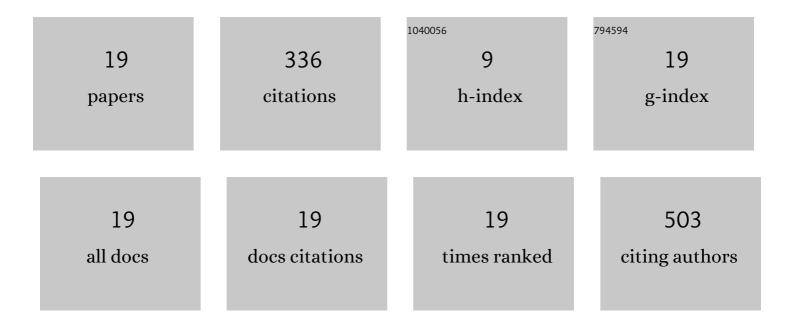
Michael Lm Leitner

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	DNA building blocks for AFM tip functionalization: An easy, fast and stable strategy. Methods, 2021, , .	3.8	3
2	Assessment of lithium ion battery ageing by combined impedance spectroscopy, functional microscopy and finite element modelling. Journal of Power Sources, 2021, 512, 230459.	7.8	17
3	Quantifying biomolecular hydrophobicity: Single molecule force spectroscopy of class II hydrophobins. Journal of Biological Chemistry, 2021, 296, 100728.	3.4	5
4	Atomic Force Microscopy Imaging in Turbid Liquids: A Promising Tool in Nanomedicine. Sensors, 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. Analytical and Bioanalytical Chemistry, 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. Advanced Healthcare Materials, 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. Analytica Chimica Acta, 2017, 951, 1-15.	5.4	9
8	Mapping molecular adhesion sites inside SMIL coated capillaries using atomic force microscopy recognition imaging. Analytica Chimica Acta, 2016, 930, 39-48.	5.4	9
9	Aptamer-based detection of thrombin by acoustic method using DNA tetrahedrons as immobilisation platform. Chemical Papers, 2015, 69, .	2.2	6
10	pH-Dependent Deformations of the Energy Landscape of Avidin-like Proteins Investigated by Single Molecule Force Spectroscopy. Molecules, 2014, 19, 12531-12546.	3.8	10
11	Investigating the binding behaviour of two avidinâ€based testosterone binders using molecular recognition force spectroscopy. Journal of Molecular Recognition, 2014, 27, 92-97.	2.1	4
12	Activation induced morphological changes and integrin αIlbβ3 activity of living platelets. Methods, 2013, 60, 179-185.	3.8	18
13	Targeted Delivery of siRNA into Breast Cancer Cells via Phage Fusion Proteins. Molecular Pharmaceutics, 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. Micron, 2012, 43, 1399-1407.	2.2	19
15	Topology‣elective Chromatography Reveals Plasmid Supercoiling Shifts during Fermentation and Allows Rapid and Efficient Preparation of Topoisomers. Angewandte Chemie - International Edition, 2012, 51, 267-270.	13.8	6
16	Time-resolved chloroquine-induced relaxation of supercoiled plasmid DNA. Analytical and Bioanalytical Chemistry, 2012, 402, 373-380.	3.7	7
17	Single-Molecule AFM Characterization of Individual Chemically Tagged DNA Tetrahedra. ACS Nano, 2011, 5, 7048-7054.	14.6	33
18	Detection of metal binding sites on functional S-layer nanoarrays using single molecule force spectroscopy. Journal of Structural Biology, 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