

Andreas Karner

List of Publications by Year in descending order

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15
papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	A Simplified and Robust Activation Procedure of Glass Surfaces for Printing Proteins and Subcellular Micropatterning Experiments. <i>Biosensors</i> , 2022, 12, 140.	4.7	4
2	Dissociation of β 2m from MHC class I triggers formation of noncovalent transient heavy chain dimers. <i>Journal of Cell Science</i> , 2022, 135, .	2.0	6
3	CRISPR/Cas9 Genome Editing vs. Over-Expression for Fluorescent Extracellular Vesicle-Labeling: A Quantitative Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 282.	4.1	7
4	DNA origami demonstrate the unique stimulatory power of single pMHCs as T cell antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	63
5	A super low-cost bioprinter based on DVD-drive components and a raspberry pi as controller. <i>Bioprinting</i> , 2021, 23, e00142.	5.8	9
6	Interaction of the motor protein SecA and the bacterial protein translocation channel SecYEG in the absence of ATP. <i>Nanoscale Advances</i> , 2020, 2, 3431-3443.	4.6	6
7	3D multiphoton lithography using biocompatible polymers with specific mechanical properties. <i>Nanoscale Advances</i> , 2020, 2, 2422-2428.	4.6	17
8	Force Field Comparison of GM1 in a DOPC Bilayer Validated with AFM and FRET Experiments. <i>Journal of Physical Chemistry B</i> , 2019, 123, 7504-7517.	2.6	8
9	Gold Nanoislands Grown on Multiphoton Polymerized Structures as Substrate for Enzymatic Reactions. , 2019, 1, 399-403.		5
10	Receptor-Independent Transfer of Low Density Lipoprotein Cargo to Biomembranes. <i>Nano Letters</i> , 2019, 19, 2562-2567.	9.1	23
11	Mutual A domain interactions in the force sensing protein von Willebrand factor. <i>Journal of Structural Biology</i> , 2017, 197, 57-64.	2.8	46
12	Tuning membrane protein mobility by confinement into nanodomains. <i>Nature Nanotechnology</i> , 2017, 12, 260-266.	31.5	34
13	Single molecule force spectroscopy data and BD- and MD simulations on the blood protein von Willebrand factor. <i>Data in Brief</i> , 2016, 8, 1080-1087.	1.0	5
14	High-Speed AFM Images of Thermal Motion Provide Stiffness Map of Interfacial Membrane Protein Moieties. <i>Nano Letters</i> , 2015, 15, 759-763.	9.1	49
15	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