

# Andreas Karner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4317833/publications.pdf>

Version: 2024-02-01

15  
papers

294  
citations

1163117

8  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

422  
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA origami demonstrate the unique stimulatory power of single pMHCs as T cell antigens. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	63
2	High-Speed AFM Images of Thermal Motion Provide Stiffness Map of Interfacial Membrane Protein Moieties. Nano Letters, 2015, 15, 759-763.	9.1	49
3	Mutual A domain interactions in the force sensing protein von Willebrand factor. Journal of Structural Biology, 2017, 197, 57-64.	2.8	46
4	Tuning membrane protein mobility by confinement into nanodomains. Nature Nanotechnology, 2017, 12, 260-266.	31.5	34
5	Receptor-Independent Transfer of Low Density Lipoprotein Cargo to Biomembranes. Nano Letters, 2019, 19, 2562-2567.	9.1	23
6	3D multiphoton lithography using biocompatible polymers with specific mechanical properties. Nanoscale Advances, 2020, 2, 2422-2428.	4.6	17
7	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
8	A super low-cost bioprinter based on DVD-drive components and a raspberry pi as controller. Bioprinting, 2021, 23, e00142.	5.8	9
9	Force Field Comparison of GM1 in a DOPC Bilayer Validated with AFM and FRET Experiments. Journal of Physical Chemistry B, 2019, 123, 7504-7517.	2.6	8
10	CRISPR/Cas9 Genome Editing vs. Over-Expression for Fluorescent Extracellular Vesicle-Labeling: A Quantitative Analysis. International Journal of Molecular Sciences, 2022, 23, 282.	4.1	7
11	Interaction of the motor protein SecA and the bacterial protein translocation channel SecYEG in the absence of ATP. Nanoscale Advances, 2020, 2, 3431-3443.	4.6	6
12	Dissociation of $\beta_2m$ from MHC class I triggers formation of noncovalent transient heavy chain dimers. Journal of Cell Science, 2022, 135, .	2.0	6
13	Single molecule force spectroscopy data and BD- and MD simulations on the blood protein von Willebrand factor. Data in Brief, 2016, 8, 1080-1087.	1.0	5
14	Gold Nanoislands Grown on Multiphoton Polymerized Structures as Substrate for Enzymatic Reactions. , 2019, 1, 399-403.		5
15	A Simplified and Robust Activation Procedure of Glass Surfaces for Printing Proteins and Subcellular Micropatterning Experiments. Biosensors, 2022, 12, 140.	4.7	4