

# Micha Ben Achim Kunze

## List of Publications by Year in descending order

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15  
papers

631  
citations

687363

13  
h-index

996975

15  
g-index

16  
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16  
docs citations

16  
times ranked

1105  
citing authors

#	ARTICLE	IF	CITATIONS
1	DEER-PREdict: Software for efficient calculation of spin-labeling EPR and NMR data from conformational ensembles. PLoS Computational Biology, 2021, 17, e1008551.	3.2	47
2	Flanking Disorder of the Folded $\alpha$ -Hub Domain from Radical Induced Cell Death1 Affects Transcription Factor Binding by Ensemble Redistribution. Journal of Molecular Biology, 2021, 433, 167320.	4.2	17
3	A distal regulatory region of a class I human histone deacetylase. Nature Communications, 2020, 11, 3841.	12.8	25
4	Random coil chemical shifts for serine, threonine and tyrosine phosphorylation over a broad pH range. Journal of Biomolecular NMR, 2019, 73, 713-725.	2.8	24
5	Side chain to main chain hydrogen bonds stabilize a polyglutamine helix in a transcription factor. Nature Communications, 2019, 10, 2034.	12.8	78
6	Dynamic activation and regulation of the mitogen-activated protein kinase p38. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4655-4660.	7.1	52
7	Gs protein peptidomimetics as allosteric modulators of the $\beta_2$ -adrenergic receptor. RSC Advances, 2018, 8, 2219-2228.	3.6	9
8	Diversity-Oriented Peptide Stapling: A Third Generation Copper-Catalysed Azide-Alkyne Cycloaddition Stapling and Functionalisation Strategy. Chemistry - A European Journal, 2017, 23, 3490-3495.	3.3	21
9	(S)Pinning down protein interactions by NMR. Protein Science, 2017, 26, 436-451.	7.6	58
10	Structural and biophysical investigation of the interaction of a mutant Grb2 SH2 domain (W121G) with its cognate phosphopeptide. Protein Science, 2016, 25, 627-637.	7.6	10
11	Probing the Solution Structure of $\beta$ Kinase (IKK) Subunit $\beta^3$ and Its Interaction with Kaposi Sarcoma-associated Herpes Virus Flice-interacting Protein and IKK Subunit $\beta^2$ by EPR Spectroscopy. Journal of Biological Chemistry, 2015, 290, 16539-16549.	3.4	17
12	Loop Interactions and Dynamics Tune the Enzymatic Activity of the Human Histone Deacetylase 8. Journal of the American Chemical Society, 2013, 135, 17862-17868.	13.7	35
13	Accurate Structure and Dynamics of the Metal-Site of Paramagnetic Metalloproteins from NMR Parameters Using Natural Bond Orbitals. Journal of the American Chemical Society, 2012, 134, 4670-4682.	13.7	17
14	Manipulation of in vivo iron levels can alter resistance to oxidative stress without affecting ageing in the nematode C. elegans. Mechanisms of Ageing and Development, 2012, 133, 282-290.	4.6	48
15	Crystal structure of the FimD usher bound to its cognate FimC-FimH substrate. Nature, 2011, 474, 49-53.	27.8	170