

Micha Ben Achim Kunze

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

631
citations

687335

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1105
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | DEER-PREdict: Software for efficient calculation of spin-labeling EPR and NMR data from conformational ensembles. <i>PLoS Computational Biology</i> , 2021, 17, e1008551. | 3.2 | 47 |
| 2 | Flanking Disorder of the Folded α -Hub Domain from Radical Induced Cell Death1 Affects Transcription Factor Binding by Ensemble Redistribution. <i>Journal of Molecular Biology</i> , 2021, 433, 167320. | 4.2 | 17 |
| 3 | A distal regulatory region of a class I human histone deacetylase. <i>Nature Communications</i> , 2020, 11, 3841. | 12.8 | 25 |
| 4 | Random coil chemical shifts for serine, threonine and tyrosine phosphorylation over a broad pH range. <i>Journal of Biomolecular NMR</i> , 2019, 73, 713-725. | 2.8 | 24 |
| 5 | Side chain to main chain hydrogen bonds stabilize a polyglutamine helix in a transcription factor. <i>Nature Communications</i> , 2019, 10, 2034. | 12.8 | 78 |
| 6 | Dynamic activation and regulation of the mitogen-activated protein kinase p38. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4655-4660. | 7.1 | 52 |
| 7 | Gs protein peptidomimetics as allosteric modulators of the β_2 -adrenergic receptor. <i>RSC Advances</i> , 2018, 8, 2219-2228. | 3.6 | 9 |
| 8 | Diversity-Oriented Peptide Stapling: A Third Generation Copper-Catalysed Azide-Alkyne Cycloaddition Stapling and Functionalisation Strategy. <i>Chemistry - A European Journal</i> , 2017, 23, 3490-3495. | 3.3 | 21 |
| 9 | (S)Pinning down protein interactions by NMR. <i>Protein Science</i> , 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. <i>Protein Science</i> , 2016, 25, 627-637. | 7.6 | 10 |
| 11 | Probing the Solution Structure of β Kinase (IKK) Subunit β_3 and Its Interaction with Kaposi Sarcoma-associated Herpes Virus Flice-interacting Protein and IKK Subunit β_2 by EPR Spectroscopy. <i>Journal of Biological Chemistry</i> , 2015, 290, 16539-16549. | 3.4 | 17 |
| 12 | Loop Interactions and Dynamics Tune the Enzymatic Activity of the Human Histone Deacetylase 8. <i>Journal of the American Chemical Society</i> , 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. <i>Journal of the American Chemical Society</i> , 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 <i>C. elegans</i> . <i>Mechanisms of Ageing and Development</i> , 2012, 133, 282-290. | 4.6 | 48 |
| 15 | Crystal structure of the FimD usher bound to its cognate FimC-FimH substrate. <i>Nature</i> , 2011, 474, 49-53. | 27.8 | 170 |