

Markus Ritzefeld

List of Publications by Year in descending order

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18
papers

591
citations

687363

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all docs

22
docs citations

22
times ranked

940
citing authors

#	ARTICLE	IF	CITATIONS
1	Fragment-derived inhibitors of human N-myristoyltransferase block capsid assembly and replication of the common cold virus. <i>Nature Chemistry</i> , 2018, 10, 599-606.	13.6	96
2	Sortagging: A Robust and Efficient Chemoenzymatic Ligation Strategy. <i>Chemistry - A European Journal</i> , 2014, 20, 8516-8529.	3.3	78
3	Real-Time Analysis of Specific Protein-DNA Interactions with Surface Plasmon Resonance. <i>Journal of Amino Acids</i> , 2012, 2012, 1-19.	5.8	58
4	High-resolution snapshots of human N-myristoyltransferase in action illuminate a mechanism promoting N-terminal Lys and Gly myristoylation. <i>Nature Communications</i> , 2020, 11, 1132.	12.8	58
5	Characterization of Hedgehog Acyltransferase Inhibitors Identifies a Small Molecule Probe for Hedgehog Signaling by Cancer Cells. <i>ACS Chemical Biology</i> , 2016, 11, 3256-3262.	3.4	43
6	Bat IFITM3 restriction depends on S-palmitoylation and a polymorphic site within the CD225 domain. <i>Life Science Alliance</i> , 2020, 3, e201900542.	2.8	32
7	Analysis of DNA interactions using single-molecule force spectroscopy. <i>Amino Acids</i> , 2013, 44, 1457-1475.	2.7	28
8	Acylation-coupled lipophilic induction of polarisation (Acyl-cLIP): a universal assay for lipid transferase and hydrolase enzymes. <i>Chemical Science</i> , 2019, 10, 8995-9000.	7.4	27
9	Synthesis and Conformational Analysis of Efraptins. <i>Chemistry - A European Journal</i> , 2012, 18, 478-487.	3.3	26
10	Modulation of Amide Bond Rotamers in 5-Acyl-6,7-dihydrothieno[3,2- <i>c</i>]pyridines. <i>Journal of Organic Chemistry</i> , 2015, 80, 4370-4377.	3.2	26
11	New developments in probing and targeting protein acylation in malaria, leishmaniasis and African sleeping sickness. <i>Parasitology</i> , 2018, 145, 157-174.	1.5	26
12	Whole Proteome Profiling of N-Myristoyltransferase Activity and Inhibition Using Sortase A. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 115-126.	3.8	22
13	Photochemical Probe Identification of a Small Molecule Inhibitor Binding Site in Hedgehog Acyltransferase (HHAT)**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13542-13547.	13.8	18
14	Novel Thienopyrimidine Inhibitors of <i>Leishmania</i> N-Myristoyltransferase with On-Target Activity in Intracellular Amastigotes. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 7740-7765.	6.4	15
15	Cooperative Binding of PhoBDBD to Its Cognate DNA Sequence – A Combined Application of Single-Molecule and Ensemble Methods. <i>Biochemistry</i> , 2013, 52, 8177-8186.	2.5	13
16	Inducing the replacement of PNA in DNA-PNA duplexes by DNA. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 34-39.	3.0	11
17	Microfluidic Mobility Shift Assay for Real-Time Analysis of Peptide N-Palmitoylation. <i>SLAS Discovery</i> , 2017, 22, 418-424.	2.7	10
18	Photochemical Probe Identification of a Small Molecule Inhibitor Binding Site in Hedgehog Acyltransferase (HHAT)**. <i>Angewandte Chemie</i> , 2021, 133, 13654-13659.	2.0	0