

Alexandre Hofer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/667998/publications.pdf>

Version: 2024-02-01

18
papers

726
citations

471509

17
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

887
citing authors

#	ARTICLE	IF	CITATIONS
1	The chemistry of branched condensed phosphates. <i>Nature Communications</i> , 2021, 12, 5368.	12.8	20
2	Selective Chemical Functionalization at N6-Methyladenosine Residues in DNA Enabled by Visible-Light-Mediated Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , 2020, 142, 21484-21492.	13.7	24
3	<i>Arabidopsis</i> ITPK1 and ITPK2 Have an Evolutionarily Conserved Phytic Acid Kinase Activity. <i>ACS Chemical Biology</i> , 2019, 14, 2127-2133.	3.4	53
4	A Phosphoramidite Analogue of Cyclotriphosphate Enables Iterative Polyphosphorylations. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3928-3933.	13.8	23
5	A Phosphoramidite Analogue of Cyclotriphosphate Enables Iterative Polyphosphorylations. <i>Angewandte Chemie</i> , 2019, 131, 3968-3973.	2.0	8
6	Detection, Structure and Function of Modified DNA Bases. <i>Journal of the American Chemical Society</i> , 2019, 141, 6420-6429.	13.7	55
7	Substrate recognition and mechanism revealed by ligand-bound polyphosphate kinase 2 structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3350-3355.	7.1	52
8	Screening a Protein Array with Synthetic Biotinylated Inorganic Polyphosphate To Define the Human PolyP-ome. <i>ACS Chemical Biology</i> , 2018, 13, 1958-1963.	3.4	49
9	Inositol Pyrophosphate Specificity of the SPX-Dependent Polyphosphate Polymerase VTC. <i>ACS Chemical Biology</i> , 2017, 12, 648-653.	3.4	80
10	The Significance of the Bifunctional Kinase/Phosphatase Activities of Diphosphoinositol Pentakisphosphate Kinases (PIPK5s) for Coupling Inositol Pyrophosphate Cell Signaling to Cellular Phosphate Homeostasis. <i>Journal of Biological Chemistry</i> , 2017, 292, 4544-4555.	3.4	57
11	A 1-phytase type III effector interferes with plant hormone signaling. <i>Nature Communications</i> , 2017, 8, 2159.	12.8	40
12	Identifying Kinase Substrates via a Heavy ATP Kinase Assay and Quantitative Mass Spectrometry. <i>Scientific Reports</i> , 2016, 6, 28107.	3.3	22
13	Chemoselective Dimerization of Phosphates. <i>Organic Letters</i> , 2016, 18, 3222-3225.	4.6	19
14	A Modular Synthesis of Modified Phosphoanhydrides. <i>Chemistry - A European Journal</i> , 2015, 21, 10116-10122.	3.3	36
15	Iterative Synthesis of Nucleoside Oligophosphates with Phosphoramidites. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 286-289.	13.8	62
16	Phosphate esters and anhydrides – recent strategies targeting nature's favoured modifications. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3526-3530.	2.8	46
17	EVALUATION OF REGULATED DEFICIT IRRIGATION FOR APPLE TREES CV. 'GALA' BASED ON MIDDAY STEM WATER POTENTIAL AND SOIL MATRIX POTENTIAL. <i>Acta Horticulturae</i> , 2014, , 137-144.	0.2	3
18	Design, synthesis and pharmacological characterization of analogs of 2-aminoethyl diphenylborinate (2-APB), a known store-operated calcium channel blocker, for inhibition of TRPV6-mediated calcium transport. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3202-3213.	3.0	54