

Lukas August Lercher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8047812/publications.pdf>

Version: 2024-02-01

19
papers

1,943
citations

516710

16
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

2453
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing logical codon reassignment – Expanding the chemistry in biology. <i>Chemical Science</i> , 2015, 6, 50-69.	7.4	399
2	Rhodium-Catalyzed Enantioselective Cyclopropanation of Olefins with <i>N</i> -Sulfonyl 1,2,3-Triazoles. <i>Journal of the American Chemical Society</i> , 2009, 131, 18034-18035.	13.7	288
3	Posttranslational mutagenesis: A chemical strategy for exploring protein side-chain diversity. <i>Science</i> , 2016, 354, .	12.6	247
4	Forming all-carbon quaternary stereogenic centres in acyclic systems from alkynes. <i>Nature</i> , 2012, 490, 522-526.	27.8	180
5	Conversion of Cysteine into Dehydroalanine Enables Access to Synthetic Histones Bearing Diverse Post-translational Modifications. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1835-1839.	13.8	172
6	DNA Modification under Mild Conditions by Suzuki-Miyaura Cross-Coupling for the Generation of Functional Probes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10553-10558.	13.8	117
7	Rapid Cross-Metathesis for Reversible Protein Modifications via Chemical Access to <i>Se</i> -Allyl-selenocysteine in Proteins. <i>Journal of the American Chemical Society</i> , 2013, 135, 12156-12159.	13.7	109
8	Structural insights into how 5-hydroxymethylation influences transcription factor binding. <i>Chemical Communications</i> , 2014, 50, 1794-1796.	4.1	71
9	Generation of a synthetic GlcNAcylated nucleosome reveals regulation of stability by H2A-Thr101 GlcNAcylation. <i>Nature Communications</i> , 2015, 6, 7978.	12.8	51
10	Stereodefined trisubstituted enolates as a unique entry to all-carbon quaternary stereogenic centers in acyclic systems. <i>Nature Protocols</i> , 2013, 8, 749-754.	12.0	45
11	Genetic Incorporation of Olefin Cross-Metathesis Reaction Tags for Protein Modification. <i>Journal of the American Chemical Society</i> , 2018, 140, 14599-14603.	13.7	38
12	Synthetic Nucleosomes Reveal that GlcNAcylation Modulates Direct Interaction with the FACT Complex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8918-8922.	13.8	32
13	The histone chaperone sNASP binds a conserved peptide motif within the globular core of histone H3 through its TPR repeats. <i>Nucleic Acids Research</i> , 2016, 44, 3105-3117.	14.5	28
14	Histone chaperone exploits intrinsic disorder to switch acetylation specificity. <i>Nature Communications</i> , 2019, 10, 3435.	12.8	21
15	Optimization of protein samples for NMR using thermal shift assays. <i>Journal of Biomolecular NMR</i> , 2016, 64, 281-289.	2.8	17
16	Novel irreversible covalent BTK inhibitors discovered using DNA-encoded chemistry. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 42, 116223.	3.0	17
17	Structural characterization of the Asf1-Rtt109 interaction and its role in histone acetylation. <i>Nucleic Acids Research</i> , 2018, 46, 2279-2289.	14.5	16
18	Post-translational insertion of boron in proteins to probe and modulate function. <i>Nature Chemical Biology</i> , 2021, 17, 1245-1261.	8.0	15

#	ARTICLE	IF	CITATIONS
19	Synthetic Nucleosomes Reveal that GlcNAcylation Modulates Direct Interaction with the FACT Complex. <i>Angewandte Chemie</i> , 2016, 128, 9064-9068.	2.0	4