

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 | Novel irreversible covalent BTK inhibitors discovered using DNA-encoded chemistry. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 42, 116223. | 3.0 | 17 |
| 2 | Post-translational insertion of boron in proteins to probe and modulate function. <i>Nature Chemical Biology</i> , 2021, 17, 1245-1261. | 8.0 | 15 |
| 3 | Histone chaperone exploits intrinsic disorder to switch acetylation specificity. <i>Nature Communications</i> , 2019, 10, 3435. | 12.8 | 21 |
| 4 | Structural characterization of the Asf1â€“Rtt109 interaction and its role in histone acetylation. <i>Nucleic Acids Research</i> , 2018, 46, 2279-2289. | 14.5 | 16 |
| 5 | 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 |
| 6 | Synthetic Nucleosomes Reveal that GlcNAcylation Modulates Direct Interaction with the FACT Complex. <i>Angewandte Chemie</i> , 2016, 128, 9064-9068. | 2.0 | 4 |
| 7 | 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 |
| 8 | Posttranslational mutagenesis: A chemical strategy for exploring protein side-chain diversity. <i>Science</i> , 2016, 354, . | 12.6 | 247 |
| 9 | Optimization of protein samples for NMR using thermal shift assays. <i>Journal of Biomolecular NMR</i> , 2016, 64, 281-289. | 2.8 | 17 |
| 10 | 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 |
| 11 | Generation of a synthetic GlcNAcylated nucleosome reveals regulation of stability by H2A-Thr101 GlcNAcylation. <i>Nature Communications</i> , 2015, 6, 7978. | 12.8 | 51 |
| 12 | Designing logical codon reassignment â€“ Expanding the chemistry in biology. <i>Chemical Science</i> , 2015, 6, 50-69. | 7.4 | 399 |
| 13 | Structural insights into how 5-hydroxymethylation influences transcription factor binding. <i>Chemical Communications</i> , 2014, 50, 1794-1796. | 4.1 | 71 |
| 14 | DNA Modification under Mild Conditions by Suzukiâ€“Miyaura Crossâ€“Coupling for the Generation of Functional Probes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10553-10558. | 13.8 | 117 |
| 15 | 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 |
| 16 | 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 |
| 17 | Forming all-carbon quaternary stereogenic centres in acyclic systems from alkynes. <i>Nature</i> , 2012, 490, 522-526. | 27.8 | 180 |
| 18 | Conversion of Cysteine into Dehydroalanine Enables Access to Synthetic Histones Bearing Diverse Postâ€“Translational Modifications. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1835-1839. | 13.8 | 172 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | 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 |