

Shay Laps

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5169236/publications.pdf>

Version: 2024-02-01

11
papers

461
citations

1039880

9
h-index

1372474

10
g-index

13
all docs

13
docs citations

13
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Palladium-Assisted One-Pot Deprotection of (Acetamidomethyl)Cysteine Following Native Chemical Ligation and/or Desulfurization To Expedite Chemical Protein Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8108-8112.	7.2	122
2	Palladium prompted on-demand cysteine chemistry for the synthesis of challenging and uniquely modified proteins. <i>Nature Communications</i> , 2018, 9, 3154.	5.8	88
3	Palladium-Assisted Removal of a Solubilizing Tag from a Cys Side Chain To Facilitate Peptide and Protein Synthesis. <i>Organic Letters</i> , 2016, 18, 3026-3029.	2.4	66
4	Efficient Palladium-Assisted One-Pot Deprotection of (Acetamidomethyl)Cysteine Following Native Chemical Ligation and/or Desulfurization To Expedite Chemical Protein Synthesis. <i>Angewandte Chemie</i> , 2016, 128, 8240-8244.	1.6	40
5	General synthetic strategy for regioselective ultrafast formation of disulfide bonds in peptides and proteins. <i>Nature Communications</i> , 2021, 12, 870.	5.8	39
6	Palladium-Assisted Cleavage of Peptides and Proteins Containing a Backbone with Thiazolidine Linkage. <i>Chemistry - A European Journal</i> , 2016, 22, 14851-14855.	1.7	33
7	Palladium-Mediated Direct Disulfide Bond Formation in Proteins Containing S-Acetamidomethyl-Cysteine under Aqueous Conditions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5729-5733.	7.2	28
8	Harnessing the power of transition metals in solid-phase peptide synthesis and key steps in the (semi)synthesis of proteins. <i>Chemical Society Reviews</i> , 2021, 50, 2367-2387.	18.7	27
9	Insight on the Order of Regioselective Ultrafast Formation of Disulfide Bonds in (Antimicrobial) Peptides and Mini-proteins. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24137-24143.	7.2	13
10	Palladium-Mediated Direct Disulfide Bond Formation in Proteins Containing S-Acetamidomethyl-Cysteine under Aqueous Conditions. <i>Angewandte Chemie</i> , 2019, 131, 5785-5789.	1.6	4
11	Insight on the Order of Regioselective Ultrafast Formation of Disulfide Bonds in (Antimicrobial) Peptides and Mini-proteins. <i>Angewandte Chemie</i> , 0, , .	1.6	0