

Xiao-Bao Bi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

363
citations

758635

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940134

16
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18
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docs citations

18
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymatic Engineering of Live Bacterial Cell Surfaces Using Butelaseâ€¦1. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7822-7825.	7.2	63
2	Native chemical ubiquitination using a genetically incorporated azidonorleucine. <i>Chemical Communications</i> , 2014, 50, 7971-7974.	2.2	37
3	Semisynthetic UbH2A reveals different activities of deubiquitinases and inhibitory effects of H2A K119 ubiquitination on H3K36 methylation in mononucleosomes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 835-839.	1.5	36
4	Role of remodeling and spacing factor 1 in histone H2A ubiquitination-mediated gene silencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7949-E7958.	3.3	35
5	Facile Synthesis of Peptidyl Salicylaldehyde Esters and Its Use in Cyclic Peptide Synthesis. <i>Organic Letters</i> , 2013, 15, 5182-5185.	2.4	29
6	Total chemical and semisynthetic approaches for the preparation of ubiquitinated proteins and their applications. <i>Science China Chemistry</i> , 2018, 61, 251-265.	4.2	25
7	Thiazolidine-Masked Î±-Oxo Aldehyde Functionality for Peptide and Protein Modification. <i>Bioconjugate Chemistry</i> , 2017, 28, 325-329.	1.8	24
8	Immobilization and Intracellular Delivery of Circular Proteins by Modifying a Genetically Incorporated Unnatural Amino Acid. <i>Bioconjugate Chemistry</i> , 2018, 29, 2170-2175.	1.8	22
9	Chemical and Enzymatic Strategies for Bacterial and Mammalian Cell Surface Engineering. <i>Chemistry - A European Journal</i> , 2018, 24, 8042-8050.	1.7	20
10	Tagging Transferrin Receptor with a Disulfide FRET Probe To Gauge the Redox State in Endosomal Compartments. <i>Analytical Chemistry</i> , 2020, 92, 12460-12466.	3.2	20
11	Genetic incorporation of 1,2-aminothiol functionality for site-specific protein modification via thiazolidine formation. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5282-5285.	1.5	18
12	Enzymatic Engineering of Live Bacterial Cell Surfaces Using Butelaseâ€¦1. <i>Angewandte Chemie</i> , 2017, 129, 7930-7933.	1.6	12
13	Butelase 1-Mediated Ligation of Peptides and Proteins. <i>Methods in Molecular Biology</i> , 2019, 2012, 83-109.	0.4	11
14	Thiazolidin-5-imine Formation as a Catalyst-Free Bioorthogonal Reaction for Protein and Live Cell Labeling. <i>Organic Letters</i> , 2018, 20, 7790-7793.	2.4	7
15	PAL-Mediated Ligation for Protein and Cell-Surface Modification. <i>Methods in Molecular Biology</i> , 2022, , 177-193.	0.4	3
16	Frontispiece: Chemical and Enzymatic Strategies for Bacterial and Mammalian Cell Surface Engineering. <i>Chemistry - A European Journal</i> , 2018, 24, .	1.7	1
17	Butelase-1 as the Prototypical Peptide Asparaginyl Ligase and Its Applications: A Review. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 1.	0.9	0