Rujin Cheng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1217560/publications.pdf

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11 papers	263 citations	1307594 7 h-index	1372567 10 g-index
12 all docs	12 docs citations	12 times ranked	272 citing authors

#	Article	IF	Citations
1	Genetically Encoding Photocaged Quinone Methide to Multitarget Protein Residues Covalently in Vivo. Journal of the American Chemical Society, 2019, 141, 9458-9462.	13.7	60
2	Site-Specific Incorporation of Selenocysteine Using an Expanded Genetic Code and Palladium-Mediated Chemical Deprotection. Journal of the American Chemical Society, 2018, 140, 8807-8816.	13.7	52
3	A Genetically Encoded Fluorosulfonyloxybenzoyl-<scp>l</scp>-lysine for Expansive Covalent Bonding of Proteins via SuFEx Chemistry. Journal of the American Chemical Society, 2021, 143, 10341-10351.	13.7	50
4	Synthesis and semisynthesis of selenopeptides and selenoproteins. Current Opinion in Chemical Biology, 2018, 46, 41-47.	6.1	28
5	Photocaged Quinone Methide Crosslinkers for Lightâ€Controlled Chemical Crosslinking of Proteinâ€“Protein and Proteinâ€“DNA Complexes. Angewandte Chemie - International Edition, 2019, 58, 18839-18843.	13.8	28
6	Genetically Encoded Quinone Methides Enabling Rapid, Site-Specific, and Photocontrolled Protein Modification with Amine Reagents. Journal of the American Chemical Society, 2020, 142, 17057-17068.	13.7	25
7	Building and Breaking Bonds via a Compact Sâ€Propargylâ€Cysteine to Chemically Control Enzymes and Modify Proteins. Angewandte Chemie - International Edition, 2018, 57, 12702-12706.	13.8	10
8	Photocaged Quinone Methide Crosslinkers for Lightâ€Controlled Chemical Crosslinking of Proteinâ€“Protein and Proteinâ€“DNA Complexes. Angewandte Chemie, 2019, 131, 19015-19019.	2.0	7
9	Applying selenocysteine-mediated expressed protein ligation to prepare the membrane enzyme selenoprotein S. Methods in Enzymology, 2022, 662, 159-185.	1.0	2
10	Building and Breaking Bonds via a Compact Sâ€Propargylâ€Cysteine to Chemically Control Enzymes and Modify Proteins. Angewandte Chemie, 2018, 130, 12884-12888.	2.0	1
11	The role of human selenoprotein S in SARSâ€CoVâ€2 replication. FASEB Journal, 2021, 35, .	0.5	0