Genetically Encoded Click Chemistry^{â€}

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Citation Report

#	Article	IF	Citations
1	NMR Spectroscopic Studies Reveal the Critical Role of the Isopeptide Bond in Forming the Otherwise Unstable SpyTagâ€“SpyCatcher Mutant Complexes. Biochemistry, 2020, 59, 2226-2236.	1.2	1
2	Cellular Synthesis and Xâ€ray Crystal Structure of a Designed Protein Heterocatenane. Angewandte Chemie - International Edition, 2020, 59, 16122-16127.	7.2	14
3	Cellular Synthesis and Xâ€ray Crystal Structure of a Designed Protein Heterocatenane. Angewandte Chemie, 2020, 132, 16256-16261.	1.6	0
4	Native conjugation between proteins and [60]fullerene derivatives using SpyTag as a reactive handle. Chinese Chemical Letters, 2021, 32, 353-356.	4.8	8
5	The Spy that links: Creation of nonlinear protein architectures and materials using SpyTag/SpyCatcher chemistry. Methods in Enzymology, 2021, 647, 283-301.	0.4	1
6	Harnessing proteins for engineered living materials. Current Opinion in Solid State and Materials Science, 2021, 25, 100896.	5.6	7
7	Protein Conjugation via SpyStaplerâ€Mediated SpyTag/BDTag Coupling. Current Protocols, 2021, 1, e99.	1.3	4
8	Functionalized resorcin[4]arene-based coordination polymers as heterogeneous catalysts for click reactions. New Journal of Chemistry, 2021, 45, 3181-3187.	1.4	3
9	Genetically engineered materials: Proteins and beyond. Science China Chemistry, 2022, 65, 486-496.	4.2	10
10	Cellular synthesis of protein pretzelanes. Giant, 2022, 10, 100092.	2.5	10
11	B12-dependent photoreceptor protein as an emerging tool for materials synthetic biology. Smart Materials in Medicine, 2022, 3, 297-303.	3.7	2
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13	Plug-and-Play Functionalization of Proteinâ€“Polymer Conjugates for Tunable Catalysis Enabled by Genetically Encoded â€œClickâ€•Chemistry. ACS Catalysis, 2022, 12, 4165-4174.	5.5	12
14	B ₁₂ -induced reassembly of split photoreceptor protein enables photoresponsive hydrogels with tunable mechanics. Science Advances, 2022, 8, eabm5482.	4.7	7
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16	SpyStapler-mediated assembly of nanoparticle vaccines. Nano Research, 0, , .	5.8	0
18	Rational design of functional amyloid fibrillar assemblies. Chemical Society Reviews, 2023, 52, 4603-4631.	18.7	5