

Marjoke F Debets

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,129
citations

516710

16
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839539

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22
docs citations

22
times ranked

2715
citing authors

#	ARTICLE	IF	CITATIONS
1	Aza-dibenzocyclooctynes for fast and efficient enzyme PEGylation via copper-free (3+2) cycloaddition. <i>Chemical Communications</i> , 2010, 46, 97-99.	4.1	494
2	Bioconjugation with Strained Alkenes and Alkynes. <i>Accounts of Chemical Research</i> , 2011, 44, 805-815.	15.6	492
3	Azide: A Unique Dipole for Metal-Free Bioorthogonal Ligations. <i>ChemBioChem</i> , 2010, 11, 1168-1184.	2.6	211
4	Protein Modification by Strain-Promoted Alkyne-Nitrone Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3065-3068.	13.8	193
5	Metal-Free Triazole Formation as a Tool for Bioconjugation. <i>ChemBioChem</i> , 2007, 8, 1504-1508.	2.6	185
6	Bioorthogonal labelling of biomolecules: new functional handles and ligation methods. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6439.	2.8	142
7	Bump-and-Hole Engineering Identifies Specific Substrates of Glycosyltransferases in Living Cells. <i>Molecular Cell</i> , 2020, 78, 824-834.e15.	9.7	70
8	Engineering Orthogonal Polypeptide GalNAc-Transferase and UDP-Sugar Pairs. <i>Journal of the American Chemical Society</i> , 2019, 141, 13442-13453.	13.7	57
9	Metabolic precision labeling enables selective probing of O-linked <i>N</i> -acetylgalactosamine glycosylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25293-25301.	7.1	55
10	Synthesis and Self-Assembly of Well-Defined Elastin-Like Polypeptide-Poly(ethylene glycol) Conjugates. <i>Biomacromolecules</i> , 2014, 15, 2751-2759.	5.4	46
11	Nanobody-Functionalized Polymersomes for Tumor-Vessel Targeting. <i>Macromolecular Bioscience</i> , 2013, 13, 938-945.	4.1	34
12	Construction of a Multifunctional Enzyme Complex via the Strain-Promoted Azide-Alkyne Cycloaddition. <i>Bioconjugate Chemistry</i> , 2013, 24, 987-996.	3.6	29
13	Synthesis of DIBAC analogues with excellent SPAAC rate constants. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5031-5037.	2.8	28
14	Optimization of Metabolic Oligosaccharide Engineering with Ac ₄ GalNAk and Ac ₄ GlcNAk by an Engineered Pyrophosphorylase. <i>ACS Chemical Biology</i> , 2021, 16, 1961-1967.	3.4	26
15	Manno- <i>epi</i> -cyclophellitols Enable Activity-Based Protein Profiling of Human \pm -Mannosidases and Discovery of New Golgi Mannosidase II Inhibitors. <i>Journal of the American Chemical Society</i> , 2020, 142, 13021-13029.	13.7	24
16	Copper-free click chemistry on polymersomes: pre- vs. post-self-assembly functionalisation. <i>Polymer Chemistry</i> , 2012, 3, 1783-1795.	3.9	18
17	Detection of transglutaminase activity using click chemistry. <i>Amino Acids</i> , 2012, 43, 1251-1263.	2.7	13
18	Spiro-epoxyglycosides as Activity-Based Probes for Glycoside Hydrolase Family 99 Endomannosidase/Endomannanase. <i>Chemistry - A European Journal</i> , 2018, 24, 9983-9992.	3.3	9