

Dillon T Flood

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

657
citations

759233

12
h-index

713466

21
g-index

32
all docs

32
docs citations

32
times ranked

695
citing authors

#	ARTICLE	IF	CITATIONS
1	Expanding Reactivity in DNA-Encoded Library Synthesis via Reversible Binding of DNA to an Inert Quaternary Ammonium Support. <i>Journal of the American Chemical Society</i> , 2019, 141, 9998-10006.	13.7	119
2	Leveraging the Knorr Pyrazole Synthesis for the Facile Generation of Thioester Surrogates for use in Native Chemical Ligation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11634-11639.	13.8	113
3	Recent Advances in Biocatalysis with Chemical Modification and Expanded Amino Acid Alphabet. <i>Chemical Reviews</i> , 2021, 121, 6173-6245.	47.7	62
4	Serine-Selective Bioconjugation. <i>Journal of the American Chemical Society</i> , 2020, 142, 17236-17242.	13.7	58
5	DNA Encoded Libraries: A Visitor's Guide. <i>Israel Journal of Chemistry</i> , 2020, 60, 268-280.	2.3	51
6	RASS-Enabled S/P ^α C and S ^α N Bond Formation for DEL Synthesis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7377-7383.	13.8	44
7	Nature Chose Phosphates and Chemists Should Too: How Emerging P(V) Methods Can Augment Existing Strategies. <i>ACS Central Science</i> , 2021, 7, 1473-1485.	11.3	41
8	Leveraging the Knorr Pyrazole Synthesis for the Facile Generation of Thioester Surrogates for use in Native Chemical Ligation. <i>Angewandte Chemie</i> , 2018, 130, 11808-11813.	2.0	32
9	Native Chemical Ligation of Peptides and Proteins. <i>Current Protocols in Chemical Biology</i> , 2019, 11, e61.	1.7	21
10	Improved chemical and mechanical stability of peptoid nanosheets by photo-crosslinking the hydrophobic core. <i>Chemical Communications</i> , 2016, 52, 4753-4756.	4.1	18
11	Total Synthesis of Tagetitoxin. <i>Journal of the American Chemical Society</i> , 2020, 142, 13683-13688.	13.7	18
12	Post-translational Backbone Engineering through Selenomethionine-Mediated Incorporation of Freidinger Lactams. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8697-8701.	13.8	13
13	Mild and Chemoselective Phosphorylation of Alcohols Using a $\hat{\text{I}}$ -Reagent. <i>Organic Letters</i> , 2021, 23, 9337-9342.	4.6	13
14	Synthetic Elaboration of Native DNA by RASS (SENDR). <i>ACS Central Science</i> , 2020, 6, 1789-1799.	11.3	12
15	Light-Triggered In Situ Biosynthesis of Artificial Melanin for Skin Protection. <i>Advanced Science</i> , 2022, 9, e2103503.	11.2	12
16	<i>in vivo</i> biosynthesis of tyrosine analogs and their concurrent incorporation into a residue-specific manner for enzyme engineering. <i>Chemical Communications</i> , 2019, 55, 15133-15136.	4.1	9
17	RASS-Enabled S/P ^α C and S ^α N Bond Formation for DEL Synthesis. <i>Angewandte Chemie</i> , 2020, 132, 7447-7453.	2.0	9
18	Post-translational Backbone Engineering through Selenomethionine-Mediated Incorporation of Freidinger Lactams. <i>Angewandte Chemie</i> , 2018, 130, 8833-8837.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Selenomethionine as an expressible handle for bioconjugations. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	4