

Kyle W Knouse

List of Publications by Year in descending order

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14
papers

992
citations

933447

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940533

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g-index

19
all docs

19
docs citations

19
times ranked

1321
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Mild and Chemoselective Phosphorylation of Alcohols Using a $\hat{\text{T}}$ -Reagent. Organic Letters, 2021, 23, 9337-9342.	4.6	13
3	Nature Chose Phosphates and Chemists Should Too: How Emerging P(V) Methods Can Augment Existing Strategies. ACS Central Science, 2021, 7, 1473-1485.	11.3	41
4	A P(V) platform for oligonucleotide synthesis. Science, 2021, 373, 1265-1270.	12.6	38
5	Synthetic Elaboration of Native DNA by RASS (SENDR). ACS Central Science, 2020, 6, 1789-1799.	11.3	12
6	Serine-Selective Bioconjugation. Journal of the American Chemical Society, 2020, 142, 17236-17242.	13.7	58
7	Enantiodivergent Formation of C $\hat{\text{C}}$ -P Bonds: Synthesis of P-Chiral Phosphines and Methylphosphonate Oligonucleotides. Journal of the American Chemical Society, 2020, 142, 5785-5792.	13.7	56
8	Electrochemically Driven, Ni-Catalyzed Aryl Amination: Scope, Mechanism, and Applications. Journal of the American Chemical Society, 2019, 141, 6392-6402.	13.7	251
9	Unlocking P(V): Reagents for chiral phosphorothioate synthesis. Science, 2018, 361, 1234-1238.	12.6	160
10	Decarboxylative alkenylation. Nature, 2017, 545, 213-218.	27.8	277
11	A novel application of the Staudinger ligation to access neutral cyclic di-nucleotide analog precursors via a divergent method. RSC Advances, 2017, 7, 29835-29838.	3.6	4
12	Diverted Total Synthesis of Promysalin Analogs Demonstrates That an Iron-Binding Motif Is Responsible for Its Narrow-Spectrum Antibacterial Activity. Journal of the American Chemical Society, 2016, 138, 5833-5836.	13.7	29
13	The enantioselective synthesis and biological evaluation of chimeric promysalin analogs facilitated by diverted total synthesis. Journal of Antibiotics, 2016, 69, 337-339.	2.0	9
14	Total Synthesis and Biological Investigation of ($\hat{\text{A}}$)-Promysalin. Journal of the American Chemical Society, 2015, 137, 7314-7317.	13.7	34