Jeffrey Buter

List of Publications by Year
in descending order

20 papers	471 citations	759233 12 h-index	752698 20 g-index
24 all docs	24 docs citations	24 times ranked	636 citing authors

#	Article	IF	Citations
1	Pd-catalyzed sp³–sp3 cross-coupling of benzyl bromides using lithium acetylides. Chemical Communications, 2021, 57, 7529-7532.	4.1	6
2	Chiral Amplification of Phosphoramidates of Amines and Amino Acids in Water. Angewandte Chemie - International Edition, 2021, 60, 11120-11126.	13.8	9
3	Chiral Amplification of Phosphoramidates of Amines and Amino Acids in Water. Angewandte Chemie, 2021, 133, 11220-11226.	2.0	7
4	Chemical Synthesis of Cell Wall Constituents of *Mycobacterium tuberculosis*. Chemical Reviews, 2021, 121, 9554-9643.	47.7	30
5	Palladium-catalysed cross-coupling of lithium acetylides. Nature Catalysis, 2020, 3, 664-671.	34.4	23
6	Total Synthesis of a Mycolic Acid from *Mycobacterium tuberculosis*. Angewandte Chemie - International Edition, 2020, 59, 7555-7560.	13.8	14
7	Total Synthesis of a Mycolic Acid from Mycobacterium tuberculosis. Angewandte Chemie, 2020, 132, 7625-7630.	2.0	1
8	Heterologous Production of 1-Tuberculosinyladenosine in Mycobacterium kansasii Models Pathoevolution towards the Transcellular Lifestyle of Mycobacterium tuberculosis. MBio, 2020, 11, .	4.1	9
9	Mycobacterium tuberculosis releases an antacid that remodels phagosomes. Nature Chemical Biology, 2019, 15, 889-899.	8.0	53
10	Total Synthesis of an Immunogenic Trehalose Phospholipid from *Salmonella* Typhi and Elucidation of Its *sn*-Regiochemistry by Mass Spectrometry. Organic Letters, 2019, 21, 5126-5131.	4.6	7
11	Discovery of *Salmonella* trehalose phospholipids reveals functional convergence with mycobacteria. Journal of Experimental Medicine, 2019, 216, 757-771.	8.5	20
12	Palladium‐Catalyzed, *tert‐*Butyllithium‐Mediated Dimerization of Aryl Halides and Its Application in the Atropselective Total Synthesis of Mastigophorene‐…A. Angewandte Chemie - International Edition, 2016, 55, 3620-3624.	13.8	47
13	Stereoselective Synthesis of 1-Tuberculosinyl Adenosine; a Virulence Factor of *Mycobacterium tuberculosis*. Journal of Organic Chemistry, 2016, 81, 6686-6696.	3.2	20
14	Palladium‐Catalyzed, *tert‐*Butyllithium‐Mediated Dimerization of Aryl Halides and Its Application in the Atropselective Total Synthesis of Mastigophorene‐…A. Angewandte Chemie, 2016, 128, 3684-3688.	2.0	16
15	In Vivo Biosynthesis of Terpene Nucleosides Provides Unique Chemical Markers of Mycobacterium tuberculosis Infection. Chemistry and Biology, 2015, 22, 516-526.	6.0	34
16	Asymmetric total synthesis of a putative sex pheromone component from the parasitoid wasp *Trichogramma turkestanica*. Beilstein Journal of Organic Chemistry, 2014, 10, 761-766.	2.2	7
17	Enantioselective palladium catalyzed conjugate additions of ortho-substituted arylboronic acids to β,β-disubstituted cyclic enones: total synthesis of herbertenediol, enokipodin A and enokipodin B. Organic and Biomolecular Chemistry, 2014, 12, 5883-5890.	2.8	48
18	Molecular profiling of *Mycobacterium tuberculosis* identifies tuberculosinyl nucleoside products of the virulence-associated enzyme Rv3378c. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2978-2983.	7.1	83

#	Article	IF	Citations
19	Synthesis and Analysis of the All-(*S*) Side Chain of Phosphomycoketides: A Test of NMR Predictions for Saturated Oligoisoprenoid Stereoisomers. Journal of Organic Chemistry, 2013, 78, 4913-4918.	3.2	16
20	A protecting group-free synthesis of the Colorado potato beetle pheromone. Beilstein Journal of Organic Chemistry, 2013, 9, 2374-2377.	2.2	5