

# Jeffrey Buter

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Molecular profiling of <i>Mycobacterium tuberculosis</i> 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
2	<i>Mycobacterium tuberculosis</i> releases an antacid that remodels phagosomes. Nature Chemical Biology, 2019, 15, 889-899.	8.0	53
3	Enantioselective palladium catalyzed conjugate additions of ortho-substituted arylboronic acids to $\beta,\beta$ -disubstituted cyclic enones: total synthesis of herbertenediol, enokipodin A and enokipodin B. Organic and Biomolecular Chemistry, 2014, 12, 5883-5890.	2.8	48
4	Palladium-catalyzed, <i>tert</i> -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
5	In Vivo Biosynthesis of Terpene Nucleosides Provides Unique Chemical Markers of <i>Mycobacterium tuberculosis</i> Infection. Chemistry and Biology, 2015, 22, 516-526.	6.0	34
6	Chemical Synthesis of Cell Wall Constituents of <i>Mycobacterium tuberculosis</i> . Chemical Reviews, 2021, 121, 9554-9643.	47.7	30
7	Palladium-catalysed cross-coupling of lithium acetylides. Nature Catalysis, 2020, 3, 664-671.	34.4	23
8	Stereoselective Synthesis of 1-Tuberculosinyl Adenosine; a Virulence Factor of <i>Mycobacterium tuberculosis</i> . Journal of Organic Chemistry, 2016, 81, 6686-6696.	3.2	20
9	Discovery of <i>Salmonella</i> trehalose phospholipids reveals functional convergence with mycobacteria. Journal of Experimental Medicine, 2019, 216, 757-771.	8.5	20
10	Synthesis and Analysis of the All-( <i>S</i> ) Side Chain of Phosphomycoketides: A Test of NMR Predictions for Saturated Oligoisoprenoid Stereoisomers. Journal of Organic Chemistry, 2013, 78, 4913-4918.	3.2	16
11	Palladium-catalyzed, <i>tert</i> -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
12	Total Synthesis of a Mycolic Acid from <i>Mycobacterium tuberculosis</i> . Angewandte Chemie - International Edition, 2020, 59, 7555-7560.	13.8	14
13	Chiral Amplification of Phosphoramidates of Amines and Amino Acids in Water. Angewandte Chemie - International Edition, 2021, 60, 11120-11126.	13.8	9
14	Heterologous Production of 1-Tuberculosinyladenosine in <i>Mycobacterium kansasii</i> Models Pathoevolution towards the Transcellular Lifestyle of <i>Mycobacterium tuberculosis</i> . MBio, 2020, 11, .	4.1	9
15	Asymmetric total synthesis of a putative sex pheromone component from the parasitoid wasp <i>Trichogramma turkestanica</i> . Beilstein Journal of Organic Chemistry, 2014, 10, 761-766.	2.2	7
16	Total Synthesis of an Immunogenic Trehalose Phospholipid from <i>Salmonella</i> Typhi and Elucidation of Its <i>sn</i> -Regiochemistry by Mass Spectrometry. Organic Letters, 2019, 21, 5126-5131.	4.6	7
17	Chiral Amplification of Phosphoramidates of Amines and Amino Acids in Water. Angewandte Chemie, 2021, 133, 11220-11226.	2.0	7
18	Pd-catalyzed $sp^2$ - $sp^3$ cross-coupling of benzyl bromides using lithium acetylides. Chemical Communications, 2021, 57, 7529-7532.	4.1	6

#	ARTICLE	IF	CITATIONS
19	A protecting group-free synthesis of the Colorado potato beetle pheromone. Beilstein Journal of Organic Chemistry, 2013, 9, 2374-2377.	2.2	5
20	Total Synthesis of a Mycolic Acid from Mycobacterium tuberculosis. Angewandte Chemie, 2020, 132, 7625-7630.	2.0	1