

# David C Miller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4579046/publications.pdf>

Version: 2024-02-01

12  
papers

1,461  
citations

1163117

8  
h-index

1281871

11  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining chemistry and protein engineering for new-to-nature biocatalysis. , 2022, 1, 18-23.		80
2	Biocatalytic One-Carbon Ring Expansion of Aziridines to Azetidines via a Highly Enantioselective [1,2]-Stevens Rearrangement. Journal of the American Chemical Society, 2022, 144, 4739-4745.	13.7	35
3	Engineering Chemoselectivity in Hemoprotein-Catalyzed Indole Amidation. ACS Catalysis, 2019, 9, 8271-8275.	11.2	39
4	Anti-Markovnikov Hydroamination of Unactivated Alkenes with Primary Alkyl Amines. Journal of the American Chemical Society, 2019, 141, 16590-16594.	13.7	81
5	Catalytic promiscuity enabled by photoredox catalysis in nicotinamide-dependent oxidoreductases. Nature Chemistry, 2018, 10, 770-775.	13.6	125
6	Proton-Coupled Electron Transfer in Organic Synthesis: Fundamentals, Applications, and Opportunities. Topics in Current Chemistry, 2016, 374, 30.	5.8	114
7	Catalytic alkylation of remote C-H bonds enabled by proton-coupled electron transfer. Nature, 2016, 539, 268-271.	27.8	623
8	Proton-Coupled Electron Transfer in Organic Synthesis: Fundamentals, Applications, and Opportunities. Topics in Current Chemistry Collections, 2016, , 145-203.	0.5	7
9	Bond-Weakening Catalysis: Conjugate Aminations Enabled by the Soft Homolysis of Strong N-H Bonds. Journal of the American Chemical Society, 2015, 137, 6440-6443.	13.7	92
10	Catalytic Olefin Hydroamidation Enabled by Proton-Coupled Electron Transfer. Journal of the American Chemical Society, 2015, 137, 13492-13495.	13.7	249
11	Dynamic charge disproportionation in the 1D chain material PdTeI. Journal of Materials Chemistry C, 2014, 2, 3238-3246.	5.5	8
12	The Diels-Alder Cyclization of Ketenimines. Organic Letters, 2012, 14, 2191-2193.	4.6	8