

# Adam J Waite

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4089460/publications.pdf>

Version: 2024-02-01

13  
papers

3,277  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

4302  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput quantification of microbial birth and death dynamics using fluorescence microscopy. <i>Quantitative Biology</i> , 2019, 7, 69-81.	0.5	15
2	Diversifying the structure of zinc finger nucleases for high-precision genome editing. <i>Nature Communications</i> , 2019, 10, 1133.	12.8	79
3	Behavioral Variability and Phenotypic Diversity in Bacterial Chemotaxis. <i>Annual Review of Biophysics</i> , 2018, 47, 595-616.	10.0	54
4	Non-genetic diversity modulates population performance. <i>Molecular Systems Biology</i> , 2016, 12, 895.	7.2	59
5	Defectors Can Create Conditions That Rescue Cooperation. <i>PLoS Computational Biology</i> , 2015, 11, e1004645.	3.2	13
6	Constructing Synthetic Microbial Communities to Explore the Ecology and Evolution of Symbiosis. <i>Methods in Molecular Biology</i> , 2014, 1151, 27-38.	0.9	15
7	Spatial self-organization favors heterotypic cooperation over cheating. <i>ELife</i> , 2013, 2, e00960.	6.0	173
8	Adaptation to a new environment allows cooperators to purge cheaters stochastically. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19079-19086.	7.1	105
9	Using artificial systems to explore the ecology and evolution of symbioses. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1353-1368.	5.4	77
10	A Rapid and General Assay for Monitoring Endogenous Gene Modification. <i>Methods in Molecular Biology</i> , 2010, 649, 247-256.	0.9	453
11	Targeted gene knockout in mammalian cells by using engineered zinc-finger nucleases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5809-5814.	7.1	347
12	Establishment of HIV-1 resistance in CD4+ T cells by genome editing using zinc-finger nucleases. <i>Nature Biotechnology</i> , 2008, 26, 808-816.	17.5	916
13	An improved zinc-finger nuclease architecture for highly specific genome editing. <i>Nature Biotechnology</i> , 2007, 25, 778-785.	17.5	967