

# Antony J Burton

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3515974/publications.pdf>

Version: 2024-02-01

13  
papers

1,023  
citations

933447

10  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering of a Peptide $\alpha$ -N-Methyltransferase to Methylate Non- $\alpha$ -Proteinogenic Amino Acids. <i>Angewandte Chemie</i> , 2021, 133, 14440-14444.	2.0	0
2	Engineering of a Peptide $\alpha$ -N-Methyltransferase to Methylate Non- $\alpha$ -Proteinogenic Amino Acids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14319-14323.	13.8	10
3	Chemical biology approaches to study histone interactors. <i>Biochemical Society Transactions</i> , 2021, 49, 2431-2441.	3.4	2
4	Live-cell protein engineering with an ultra-short split intein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12041-12049.	7.1	29
5	In situ chromatin interactomics using a chemical bait and trap approach. <i>Nature Chemistry</i> , 2020, 12, 520-527.	13.6	53
6	Proximity Induced Splicing Utilizing Caged Split Inteins. <i>Journal of the American Chemical Society</i> , 2019, 141, 13708-13712.	13.7	16
7	Navigating the Structural Landscape of De Novo $\alpha$ -Helical Bundles. <i>Journal of the American Chemical Society</i> , 2019, 141, 8787-8797.	13.7	42
8	<i>De Novo</i> -Designed $\alpha$ -Helical Barrels as Receptors for Small Molecules. <i>ACS Synthetic Biology</i> , 2018, 7, 1808-1816.	3.8	60
9	Installing hydrolytic activity into a completely de novo protein framework. <i>Nature Chemistry</i> , 2016, 8, 837-844.	13.6	172
10	De novo protein design: how do we expand into the universe of possible protein structures?. <i>Current Opinion in Structural Biology</i> , 2015, 33, 16-26.	5.7	150
11	Computational design of water-soluble $\alpha$ -helical barrels. <i>Science</i> , 2014, 346, 485-488.	12.6	306
12	Accessibility, Reactivity, and Selectivity of Side Chains within a Channel of <i>de Novo</i> Peptide Assembly. <i>Journal of the American Chemical Society</i> , 2013, 135, 12524-12527.	13.7	30
13	A Set of <i>de Novo</i> Designed Parallel Heterodimeric Coiled Coils with Quantified Dissociation Constants in the Micromolar to Sub-nanomolar Regime. <i>Journal of the American Chemical Society</i> , 2013, 135, 5161-5166.	13.7	148