

# William M Kincannon

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

266  
citations

1163117

8  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

431  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenylalanine Oligomers and Fibrils: The Mechanism of Assembly and the Importance of Tetramers and Counterions. <i>Journal of the American Chemical Society</i> , 2015, 137, 10080-10083.	13.7	87
2	Structural and spectroscopic analyses of the sporulation killing factor biosynthetic enzyme SkfB, a bacterial AdoMet radical sactisynthase. <i>Journal of Biological Chemistry</i> , 2018, 293, 17349-17361.	3.4	43
3	Biochemical and Spectroscopic Studies of Epoxyqueuosine Reductase: A Novel Iron-Sulfur Cluster- and Cobalamin-Containing Protein Involved in the Biosynthesis of Queuosine. <i>Biochemistry</i> , 2015, 54, 4927-4935.	2.5	27
4	Factors That Drive Peptide Assembly and Fibril Formation: Experimental and Theoretical Analysis of Sup35 NNQQNY Mutants. <i>Journal of Physical Chemistry B</i> , 2013, 117, 8436-8446.	2.6	24
5	A Radical Clock Probe Uncouples H Atom Abstraction from Thioether Cross-Link Formation by the Radical S-Adenosyl-methionine Enzyme SkfB. <i>Biochemistry</i> , 2018, 57, 4816-4823.	2.5	19
6	Biochemical and structural characterization of an aromatic ring-hydroxylating dioxygenase for terephthalic acid catabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2121426119.	7.1	19
7	Deconvoluting the Reduction Potentials for the Three [4Fe-4S] Clusters in an AdoMet Radical SCIFF Maturase. <i>Biochemistry</i> , 2018, 57, 6050-6053.	2.5	13
8	New Role for Radical SAM Enzymes in the Biosynthesis of Thio(seleno)oxazole RiPP Natural Products. <i>Biochemistry</i> , 2021, 60, 3347-3361.	2.5	11
9	A tRNA modifying enzyme as a tunable regulatory nexus for bacterial stress responses and virulence. <i>Nucleic Acids Research</i> , 2022, 50, 7570-7590.	14.5	8
10	A flexible kinetic assay efficiently sorts prospective biocatalysts for PET plastic subunit hydrolysis. <i>RSC Advances</i> , 2022, 12, 8119-8130.	3.6	8
11	Spectroscopic and Computational Investigation of the Epoxyqueuosine Reductase QueG Reveals Intriguing Similarities with the Reductive Dehalogenase PceA. <i>Biochemistry</i> , 2022, 61, 195-205.	2.5	5
12	Radical SAM Enzymes Involved in Modifications of RiPP Natural Products. , 2020, , 489-519.		2