

# Michael K Fenwick

## List of Publications by Year in descending order

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14  
papers

267  
citations

1163117  
8  
h-index

1058476  
14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Glucokinases from Pathogenic Free-Living Amoebae. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	3.2	2
2	Dph3 Enables Aerobic Diphthamide Biosynthesis by Donating One Iron Atom to Transform a [3Fe <sup>4S</sup> ] to a [4Fe <sup>4S</sup> ] Cluster in Dph1 <sup>Δ</sup> Dph2. <i>Journal of the American Chemical Society</i> , 2021, 143, 9314-9319.	13.7	7
3	Structural Basis of the Substrate Selectivity of Viperin. <i>Biochemistry</i> , 2020, 59, 652-662.	2.5	28
4	Structural basis of elongation factor 2 switching. <i>Current Research in Structural Biology</i> , 2020, 2, 25-34.	2.2	3
5	The Crystal Structure of Dph2 in Complex with Elongation Factor 2 Reveals the Structural Basis for the First Step of Diphthamide Biosynthesis. <i>Biochemistry</i> , 2019, 58, 4343-4351.	2.5	7
6	Towards the structural characterization of the human methyltransferase. <i>Current Opinion in Structural Biology</i> , 2018, 53, 12-21.	5.7	7
7	Organometallic and radical intermediates reveal mechanism of diphthamide biosynthesis. <i>Science</i> , 2018, 359, 1247-1250.	12.6	48
8	Structural studies of viperin, an antiviral radical SAM enzyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6806-6811.	7.1	69
9	Biochemical Characterization and Structural Basis of Reactivity and Regioselectivity Differences between <i>Burkholderia thailandensis</i> and <i>Burkholderia glumae</i> 1,6-Didesmethyltoxoflavin N-Methyltransferase. <i>Biochemistry</i> , 2017, 56, 3934-3944.	2.5	4
10	<i>Burkholderia glumae</i> ToxA Is a Dual-Specificity Methyltransferase That Catalyzes the Last Two Steps of Toxoflavin Biosynthesis. <i>Biochemistry</i> , 2016, 55, 2748-2759.	2.5	13
11	Crystal Structures of the Iron-Sulfur Cluster-Dependent Quinolinate Synthase in Complex with Dihydroxyacetone Phosphate, Iminoaspartate Analogues, and Quinolinate. <i>Biochemistry</i> , 2016, 55, 4135-4139.	2.5	13
12	Anaerobic 5-Hydroxybenzimidazole Formation from Aminoimidazole Ribotide: An Unanticipated Intersection of Thiamin and Vitamin B <sub>12</sub> Biosynthesis. <i>Journal of the American Chemical Society</i> , 2015, 137, 10444-10447.	13.7	27
13	Non-canonical active site architecture of the radical SAM thiamin pyrimidine synthase. <i>Nature Communications</i> , 2015, 6, 6480.	12.8	26
14	Toxoflavin Lyase Requires a Novel 1-His-2-Carboxylate Facial Triad,. <i>Biochemistry</i> , 2011, 50, 1091-1100.	2.5	13