

Daniel P Dowling

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

336
citations

1307594

7
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathways of thymidine hypermodification. <i>Nucleic Acids Research</i> , 2022, 50, 3001-3017.	14.5	12
2	Global protein dynamics as communication sensors in peptide synthetase domains. <i>Science Advances</i> , 2022, 8, .	10.3	5
3	Structures of the alkanesulfonate monooxygenase MsuD provide insight into C-S bond cleavage, substrate scope, and an unexpected role for the tetramer. <i>Journal of Biological Chemistry</i> , 2021, 297, 100823.	3.4	5
4	Structure and function of the two-component flavin-dependent methanesulfinate monooxygenase within bacterial sulfur assimilation. <i>Biochemical and Biophysical Research Communications</i> , 2020, 522, 107-112.	2.1	6
5	Crystal structure of AdoMet radical enzyme 7- <i>carboxy</i> - <i>7</i> - <i>deazaguanine</i> synthase from <i>Escherichia coli</i> suggests how modifications near [4Fe-4S] cluster engender flavodoxin specificity. <i>Protein Science</i> , 2019, 28, 202-215.	7.6	11
6	Molecular basis of cobalamin-dependent RNA modification. <i>Nucleic Acids Research</i> , 2016, 44, gkw806.	14.5	29
7	Structural elements of an NRPS cyclization domain and its intermodule docking domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12432-12437.	7.1	65
8	Investigation of the Radical SAM Enzyme CDG Synthase. <i>FASEB Journal</i> , 2015, 29, 572.12.	0.5	0
9	B 12 in a New Light: Queuosine tRNA Modification. <i>FASEB Journal</i> , 2015, 29, 573.38.	0.5	0
10	Radical SAM enzyme QueE defines a new minimal core fold and metal-dependent mechanism. <i>Nature Chemical Biology</i> , 2014, 10, 106-112.	8.0	71
11	Radical Use of Rossmann and TIM Barrel Architectures for Controlling Coenzyme B ₁₂ Chemistry. <i>Annual Review of Biophysics</i> , 2012, 41, 403-427.	10.0	53
12	Structural diversity in the AdoMet radical enzyme superfamily. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 1178-1195.	2.3	76