

Jamie R Wallen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

106
citations

1684188

5
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

126
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomic diversity of bacteriophages infecting <i>Microbacterium</i> spp. <i>PLoS ONE</i> , 2020, 15, e0234636.	2.5	50
2	Hybrid Methods Reveal Multiple Flexibly Linked DNA Polymerases within the Bacteriophage T7 Replisome. <i>Structure</i> , 2017, 25, 157-166.	3.3	17
3	Structural Analysis of <i>Streptococcus pyogenes</i> NADH Oxidase: Conformational Dynamics Involved in Formation of the C(4a)-Peroxyflavin Intermediate. <i>Biochemistry</i> , 2015, 54, 6815-6829.	2.5	16
4	Combined Solution and Crystal Methods Reveal the Electrostatic Tethers That Provide a Flexible Platform for Replication Activities in the Bacteriophage T7 Replisome. <i>Biochemistry</i> , 2019, 58, 4466-4479.	2.5	10
5	Discrete Interactions between Bacteriophage T7 Primase-Helicase and DNA Polymerase Drive the Formation of a Priming Complex Containing Two Copies of DNA Polymerase. <i>Biochemistry</i> , 2013, 52, 4026-4036.	2.5	6
6	A monomeric mycobacteriophage immunity repressor utilizes two domains to recognize an asymmetric DNA sequence. <i>Nature Communications</i> , 2022, 13, .	12.8	5
7	Structural Characterization of <i>Sphingomonas</i> sp. KT-1 PahZ1-Catalyzed Biodegradation of Thermally Synthesized Poly(aspartic acid). <i>ACS Sustainable Chemistry and Engineering</i> , 2020, , .	6.7	1
8	<i>Sphingomonas</i> sp. KT-1 PahZ2 Structure Reveals a Role for Conformational Dynamics in Peptide Bond Hydrolysis. <i>Journal of Physical Chemistry B</i> , 2021, 125, 5722-5739.	2.6	1
9	Integrative Structural Biology: Using X-ray Crystallography, Small-Angle X-ray Scattering, and Cryogenic Electron Microscopy to Determine Protein Structures. <i>ACS Symposium Series</i> , 2020, , 31-56.	0.5	0
10	Crystal Structure of Poly(Aspartic Acid) Hydrolase. <i>FASEB Journal</i> , 2019, 33, 493.2.	0.5	0
11	Isolation and Annotation of the Genome Sequences of Bacteriophages <i>InvictusManeo</i> (Subcluster K5) and <i>Netyap</i> (Subcluster L2). <i>Microbiology Resource Announcements</i> , 2022, , e0016022.	0.6	0