

Brett W Burkhart

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3206738/publications.pdf>

Version: 2024-02-01

11
papers

477
citations

1040056
9
h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

637
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic RNA acetylation revealed by quantitative cross-evolutionary mapping. <i>Nature</i> , 2020, 583, 638-643.	27.8	175
2	Structure of histone-based chromatin in Archaea. <i>Science</i> , 2017, 357, 609-612.	12.6	149
3	An Archaeal Fluoride-Responsive Riboswitch Provides an Inducible Expression System for Hyperthermophiles. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	28
4	Defining the RNaseH2 enzyme-initiated ribonucleotide excision repair pathway in Archaea. <i>Journal of Biological Chemistry</i> , 2017, 292, 8835-8845.	3.4	26
5	Genome Replication in <i>Thermococcus kodakarensis</i> Independent of Cdc6 and an Origin of Replication. <i>Frontiers in Microbiology</i> , 2017, 8, 2084.	3.5	24
6	Distinct Physiological Roles of the Three Ferredoxins Encoded in the Hyperthermophilic Archaeon <i>Thermococcus kodakarensis</i> . <i>MBio</i> , 2019, 10, .	4.1	20
7	The GAN Exonuclease or the Flap Endonuclease Fen1 and RNase HII Are Necessary for Viability of <i>Thermococcus kodakarensis</i> . <i>Journal of Bacteriology</i> , 2017, 199, .	2.2	18
8	Extended Archaeal Histone-Based Chromatin Structure Regulates Global Gene Expression in <i>Thermococcus kodakarensis</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 681150.	3.5	13
9	Biochemical reconstitution and genetic characterization of the major oxidative damage base excision DNA repair pathway in <i>Thermococcus kodakarensis</i> . <i>DNA Repair</i> , 2020, 86, 102767.	2.8	11
10	Archaeosine Modification of Archaeal tRNA: Role in Structural Stabilization. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	10
11	The Hyperthermophilic Restriction-Modification Systems of <i>Thermococcus kodakarensis</i> Protect Genome Integrity. <i>Frontiers in Microbiology</i> , 2021, 12, 657356.	3.5	3