Brett W Burkhart

List of Publications by Year
in descending order

11	477	1040056 9	1281871 11
papers	citations	h-index	g-index

11	11	11	637
all docs	docs citations	times ranked	citing authors

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