

Vignesh Mp Babu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8427725/publications.pdf>

Version: 2024-02-01

9
papers

140
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Sinorhizobium meliloti YbeY is a zinc-dependent single-strand specific endoribonuclease that plays an important role in 16S ribosomal RNA processing. Nucleic Acids Research, 2020, 48, 332-348.	14.5	14
2	Elevated Levels of Era GTPase Improve Growth, 16S rRNA Processing, and 70S Ribosome Assembly of Escherichia coli Lacking Highly Conserved Multifunctional YbeY Endoribonuclease. Journal of Bacteriology, 2018, 200, .	2.2	24
3	Insufficient levels of the <i>nrdAB</i> -encoded ribonucleotide reductase underlie the severe growth defect of the <i>hda</i> E. coli strain. Molecular Microbiology, 2017, 104, 377-399.	2.5	13
4	C21orf57 is a human homologue of bacterial YbeY proteins. Biochemical and Biophysical Research Communications, 2017, 484, 612-617.	2.1	15
5	Dynamic assembly of Hda and the sliding clamp in the regulation of replication licensing. Nucleic Acids Research, 2017, 45, 3888-3905.	14.5	17
6	Identification of β^2 Clamp-DNA Interaction Regions That Impair the Ability of E. coli to Tolerate Specific Classes of DNA Damage. PLoS ONE, 2016, 11, e0163643.	2.5	7
7	The sliding clamp tethers the endonuclease domain of MutL to DNA. Nucleic Acids Research, 2015, 43, 10746-10759.	14.5	45
8	A dnaN Plasmid Shuffle Strain for Rapid In Vivo Analysis of Mutant Escherichia coli β^2 Clamps Provides Insight Into the Role of Clamp in umuDC-Mediated Cold Sensitivity. PLoS ONE, 2014, 9, e98791.	2.5	5
9	Structural characterization of transient interactions in DNA mismatch repair. Acta Crystallographica Section A: Foundations and Advances, 2014, 70, C418-C418.	0.1	0