

Anna Bebenek

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

327
citations

1039406

9
h-index

1125271

13
g-index

13
all docs

13
docs citations

13
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Fidelity of DNA replication is a matter of proofreading. <i>Current Genetics</i> , 2018, 64, 985-996.	0.8	109
2	Fidelity consequences of the impaired interaction between DNA polymerase epsilon and the GINS complex. <i>DNA Repair</i> , 2015, 29, 23-35.	1.3	29
3	A Remote Palm Domain Residue of RB69 DNA Polymerase Is Critical for Enzyme Activity and Influences the Conformation of the Active Site. <i>PLoS ONE</i> , 2013, 8, e76700.	1.1	7
4	Reversal of a Mutator Activity by a Nearby Fidelity-Neutral Substitution in the RB69 DNA Polymerase Binding Pocket. <i>Journal of Molecular Biology</i> , 2010, 404, 778-793.	2.0	10
5	Different Behaviors In Vivo of Mutations in the β Hairpin Loop of the DNA Polymerases of the Closely Related Phages T4 and RB69. <i>Journal of Molecular Biology</i> , 2009, 389, 797-807.	2.0	10
6	The Roles of Tyr391 and Tyr619 in RB69 DNA Polymerase Replication Fidelity. <i>Journal of Molecular Biology</i> , 2007, 368, 18-29.	2.0	14
7	The L561A Substitution in the Nascent Base-Pair Binding Pocket of RB69 DNA Polymerase Reduces Base Discrimination. <i>Biochemistry</i> , 2006, 45, 2211-2220.	1.2	27
8	Processivity Clamp gp45 and ssDNA-Binding-Protein gp32 Modulate the Fidelity of Bacteriophage RB69 DNA Polymerase in a Sequence-Specific Manner, Sometimes Enhancing and Sometimes Compromising Accuracy. <i>Genetics</i> , 2005, 169, 1815-1824.	1.2	16
9	Dissecting the Fidelity of Bacteriophage RB69 DNA Polymerase: Site-Specific Modulation of Fidelity by Polymerase Accessory Proteins. <i>Genetics</i> , 2002, 162, 1003-1018.	1.2	40
10	Interacting Fidelity Defects in the Replicative DNA Polymerase of Bacteriophage RB69. <i>Journal of Biological Chemistry</i> , 2001, 276, 10387-10397.	1.6	54
11	The <i>isfA</i> mutation specifically inhibits the SOS-dependent mutagenic pathway and does not selectively affect any particular base substitution. <i>Mutagenesis</i> , 1999, 14, 295-300.	1.0	2
12	The <i>isfA</i> mutation inhibits mutator activity and processing of UmuD protein in <i>Escherichia coli</i> recA730 strains. <i>Molecular Genetics and Genomics</i> , 1996, 250, 674-680.	2.4	7