Iwona FijaÅ‚kowska

List of Publications by Year
in descending order

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33 papers	1,039 citations	471509 17 h-index	454955 30 g-index
33 all docs	33 docs citations	33 times ranked	995 citing authors

#	Article	IF	Citations
1	Increased contribution of DNA polymerase delta to the leading strand replication in yeast with an impaired CMG helicase complex. DNA Repair, 2022, 110, 103272.	2.8	4
2	Mutation spectrum data for Saccharomyces cerevisiae psf1-1 pol2-M644G mutants. Data in Brief, 2022, 42, 108223.	1.0	1
3	Recombination and Pol Î¶ Rescue Defective DNA Replication upon Impaired CMG Helicaseâ€"Pol Îµ Interaction. International Journal of Molecular Sciences, 2020, 21, 9484.	4.1	5
4	Replication fidelity in E. coli: Differential leading and lagging strand effects for dnaE antimutator alleles. DNA Repair, 2019, 83, 102643.	2.8	3
5	Role of RNase H enzymes in maintaining genome stability in Escherichia coli expressing a steric-gate mutant of pol VICE391. DNA Repair, 2019, 84, 102685.	2.8	7
6	Defects in the GINS complex increase the instability of repetitive sequences via a recombination-dependent mechanism. PLoS Genetics, 2019, 15, e1008494.	3.5	10
7	The SOS system: A complex and tightly regulated response to DNA damage. Environmental and Molecular Mutagenesis, 2019, 60, 368-384.	2.2	273
8	Title is missing!. , 2019, 15, e1008494.		0
9	Title is missing!. , 2019, 15, e1008494.		0
10	Title is missing!. , 2019, 15, e1008494.		0
11	High-accuracy lagging-strand DNA replication mediated by DNA polymerase dissociation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4212-4217.	7.1	27
12	The importance of an interaction network for proper DNA polymerase Î¶ heterotetramer activity. Current Genetics, 2018, 64, 575-580.	1.7	12
13	The CysB motif of Rev3p involved in the formation of the fourâ€subunit DNA polymerase Î¶ is required for defectiveâ€replisomeâ€induced mutagenesis. Molecular Microbiology, 2017, 106, 659-672.	2.5	10
14	Suppression of the E. coli SOS response by dNTP pool changes. Nucleic Acids Research, 2015, 43, 4109-4120.	14.5	15
15	Fidelity consequences of the impaired interaction between DNA polymerase epsilon and the GINS complex. DNA Repair, 2015, 29, 23-35.	2.8	29
16	Effect of dNTP pool alterations on fidelity of leading and lagging strand DNA replication in E. coli. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2014, 759, 22-28.	1.0	27
17	Proper functioning of the <scp>GINS</scp> complex is important for the fidelity of <scp>DNA</scp> replication in yeast. Molecular Microbiology, 2014, 92, 659-680.	2.5	26
18	Defect of Dpb2p, a noncatalytic subunit of DNA polymerase É›, promotes error prone replication of undamaged chromosomal DNA in Saccharomyces cerevisiae. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 737, 34-42.	1.0	26

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19	DNA replication fidelity inEscherichia coli: a multi-DNA polymerase affair. FEMS Microbiology Reviews, 2012, 36, 1105-1121.	8.6	124
20	Proofreading deficiency of Pol I increases the levels of spontaneous rpoB mutations in E. coli. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 712, 28-32.	1.0	9
21	dnaX36 Mutator of Escherichia coli : Effects of the Ï„ Subunit of the DNA Polymerase III Holoenzyme on Chromosomal DNA Replication Fidelity. Journal of Bacteriology, 2011, 193, 296-300.	2.2	11
22	Defective interaction between Pol2p and Dpb2p, subunits of DNA polymerase epsilon, contributes to a mutator phenotype in Saccharomyces cerevisiae. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2009, 669, 27-35.	1.0	15
23	Role of Escherichia coli DNA polymerase I in chromosomal DNA replication fidelity. Molecular Microbiology, 2009, 74, 1114-1127.	2.5	31
24	Role of Accessory DNA Polymerases in DNA Replication in Escherichia coli : Analysis of the dnaX36 Mutator Mutant. Journal of Bacteriology, 2008, 190, 1730-1742.	2.2	25
25	Dpb2p, a Noncatalytic Subunit of DNA Polymerase Îµ, Contributes to the Fidelity of DNA Replication in Saccharomyces cerevisiae. Genetics, 2008, 178, 633-647.	2.9	29
26	Translesion synthesis DNA polymerases and control of genome stability. Frontiers in Bioscience - Landmark, 2006, 11, 2496.	3.0	39
27	Role of DNA Polymerase IV in Escherichia coli SOS Mutator Activity. Journal of Bacteriology, 2006, 188, 7977-7980.	2.2	38
28	DNA polymerase II as a fidelity factor in chromosomal DNA synthesis in Escherichia coli. Molecular Microbiology, 2005, 58, 61-70.	2.5	64
29	Mutator Phenotype Resulting from DNA Polymerase IV Overproduction in Escherichia coli : Preferential Mutagenesis on the Lagging Strand. Journal of Bacteriology, 2005, 187, 6862-6866.	2.2	43
30	Role of Escherichia coli DNA Polymerase IV in In Vivo Replication Fidelity. Journal of Bacteriology, 2004, 186, 4802-4807.	2.2	64
31	Lack of Strand Bias in UV-Induced Mutagenesis in Escherichia coli. Journal of Bacteriology, 2002, 184, 4449-4454.	2.2	22
32	Asymmetry of frameshift mutagenesis during leading and lagging-strand replication in Escherichia coli. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2002, 501, 129-136.	1.0	30
33	The Escherichia coli galK2 papillation assay: its specificity and application to seven newly isolated mutator strains. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1993, 292, 175-185.	0.4	20