

# 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	The SOS system: A complex and tightly regulated response to DNA damage. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 368-384.	2.2	273
2	DNA replication fidelity in <i>Escherichia coli</i> : a multi-DNA polymerase affair. <i>FEMS Microbiology Reviews</i> , 2012, 36, 1105-1121.	8.6	124
3	Role of <i>Escherichia coli</i> DNA Polymerase IV in In Vivo Replication Fidelity. <i>Journal of Bacteriology</i> , 2004, 186, 4802-4807.	2.2	64
4	DNA polymerase II as a fidelity factor in chromosomal DNA synthesis in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2005, 58, 61-70.	2.5	64
5	Mutator Phenotype Resulting from DNA Polymerase IV Overproduction in <i>Escherichia coli</i> : Preferential Mutagenesis on the Lagging Strand. <i>Journal of Bacteriology</i> , 2005, 187, 6862-6866.	2.2	43
6	Translesion synthesis DNA polymerases and control of genome stability. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 2496.	3.0	39
7	Role of DNA Polymerase IV in <i>Escherichia coli</i> SOS Mutator Activity. <i>Journal of Bacteriology</i> , 2006, 188, 7977-7980.	2.2	38
8	Role of <i>Escherichia coli</i> DNA polymerase I in chromosomal DNA replication fidelity. <i>Molecular Microbiology</i> , 2009, 74, 1114-1127.	2.5	31
9	Asymmetry of frameshift mutagenesis during leading and lagging-strand replication in <i>Escherichia coli</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 501, 129-136.	1.0	30
10	Dpb2p, a Noncatalytic Subunit of DNA Polymerase $\epsilon$ , Contributes to the Fidelity of DNA Replication in <i>Saccharomyces cerevisiae</i> . <i>Genetics</i> , 2008, 178, 633-647.	2.9	29
11	Fidelity consequences of the impaired interaction between DNA polymerase epsilon and the GINS complex. <i>DNA Repair</i> , 2015, 29, 23-35.	2.8	29
12	Effect of dNTP pool alterations on fidelity of leading and lagging strand DNA replication in <i>E. coli</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 759, 22-28.	1.0	27
13	High-accuracy lagging-strand DNA replication mediated by DNA polymerase dissociation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 4212-4217.	7.1	27
14	Defect of Dpb2p, a noncatalytic subunit of DNA polymerase $\epsilon$ , promotes error prone replication of undamaged chromosomal DNA in <i>Saccharomyces cerevisiae</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 737, 34-42.	1.0	26
15	Proper functioning of the GINS complex is important for the fidelity of DNA replication in yeast. <i>Molecular Microbiology</i> , 2014, 92, 659-680.	2.5	26
16	Role of Accessory DNA Polymerases in DNA Replication in <i>Escherichia coli</i> : Analysis of the <i>dnaX36</i> Mutator Mutant. <i>Journal of Bacteriology</i> , 2008, 190, 1730-1742.	2.2	25
17	Lack of Strand Bias in UV-Induced Mutagenesis in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2002, 184, 4449-4454.	2.2	22
18	The <i>Escherichia coli</i> galk2 papillation assay: its specificity and application to seven newly isolated mutator strains. <i>Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology</i> , 1993, 292, 175-185.	0.4	20

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19	Defective interaction between Pol2p and Dpb2p, subunits of DNA polymerase epsilon, contributes to a mutator phenotype in <i>Saccharomyces cerevisiae</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 669, 27-35.	1.0	15
20	Suppression of the <i>E. coli</i> SOS response by dNTP pool changes. <i>Nucleic Acids Research</i> , 2015, 43, 4109-4120.	14.5	15
21	The importance of an interaction network for proper DNA polymerase $\epsilon$ heterotetramer activity. <i>Current Genetics</i> , 2018, 64, 575-580.	1.7	12
22	<i>dnaX36</i> Mutator of <i>Escherichia coli</i> : Effects of the $\epsilon$ , Subunit of the DNA Polymerase III Holoenzyme on Chromosomal DNA Replication Fidelity. <i>Journal of Bacteriology</i> , 2011, 193, 296-300.	2.2	11
23	The CysB motif of Rev3p involved in the formation of the four-subunit DNA polymerase $\epsilon$ is required for defective-replisome-induced mutagenesis. <i>Molecular Microbiology</i> , 2017, 106, 659-672.	2.5	10
24	Defects in the GINS complex increase the instability of repetitive sequences via a recombination-dependent mechanism. <i>PLoS Genetics</i> , 2019, 15, e1008494.	3.5	10
25	Proofreading deficiency of Pol I increases the levels of spontaneous <i>rpoB</i> mutations in <i>E. coli</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 712, 28-32.	1.0	9
26	Role of RNase H enzymes in maintaining genome stability in <i>Escherichia coli</i> expressing a steric-gate mutant of pol VICE391. <i>DNA Repair</i> , 2019, 84, 102685.	2.8	7
27	Recombination and Pol $\epsilon$ Rescue Defective DNA Replication upon Impaired CMG Helicase-Pol $\mu$ Interaction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9484.	4.1	5
28	Increased contribution of DNA polymerase delta to the leading strand replication in yeast with an impaired CMG helicase complex. <i>DNA Repair</i> , 2022, 110, 103272.	2.8	4
29	Replication fidelity in <i>E. coli</i> : Differential leading and lagging strand effects for <i>dnaE</i> antimutator alleles. <i>DNA Repair</i> , 2019, 83, 102643.	2.8	3
30	Mutation spectrum data for <i>Saccharomyces cerevisiae</i> <i>psf1-1 pol2-M644G</i> mutants. <i>Data in Brief</i> , 2022, 42, 108223.	1.0	1
31	Title is missing!. , 2019, 15, e1008494.		0
32	Title is missing!. , 2019, 15, e1008494.		0
33	Title is missing!. , 2019, 15, e1008494.		0