

Elena I Stepchenkova

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5198228/publications.pdf>

Version: 2024-02-01

24
papers

408
citations

933447

10
h-index

752698

20
g-index

28
all docs

28
docs citations

28
times ranked

563
citing authors

#	ARTICLE	IF	CITATIONS
1	DNA polymerases $\hat{\eta}$ and Rev1 mediate error-prone bypass of non-B DNA structures. <i>Nucleic Acids Research</i> , 2014, 42, 290-306.	14.5	93
2	Genome-Wide Mutation Avalanches Induced in Diploid Yeast Cells by a Base Analog or an APOBEC Deaminase. <i>PLoS Genetics</i> , 2013, 9, e1003736.	3.5	54
3	Functional Study of the P32T ITPA Variant Associated with Drug Sensitivity in Humans. <i>Journal of Molecular Biology</i> , 2009, 392, 602-613.	4.2	53
4	Modulation of mutagenesis in eukaryotes by DNA replication fork dynamics and quality of nucleotide pools. <i>Environmental and Molecular Mutagenesis</i> , 2012, 53, 699-724.	2.2	28
5	Genome-wide screening for genes whose deletions confer sensitivity to mutagenic purine base analogs in yeast. <i>BMC Genetics</i> , 2005, 6, 31.	2.7	20
6	Genome Instability in Multiple Myeloma: Facts and Factors. <i>Cancers</i> , 2021, 13, 5949.	3.7	17
7	A Critical Role for the Putative NCS2 Nucleobase Permease YjcD in the Sensitivity of <i>Escherichia coli</i> to Cytotoxic and Mutagenic Purine Analogs. <i>MBio</i> , 2013, 4, e00661-13.	4.1	15
8	DNA Polymerases at the Eukaryotic Replication Fork Thirty Years after: Connection to Cancer. <i>Cancers</i> , 2020, 12, 3489.	3.7	15
9	Defect of Fe-S cluster binding by DNA polymerase $\hat{\eta}$ in yeast suppresses UV-induced mutagenesis, but enhances DNA polymerase $\hat{\eta}$ dependent spontaneous mutagenesis. <i>DNA Repair</i> , 2017, 49, 60-69.	2.8	14
10	Synthesis, biological evaluation and molecular docking studies on the DNA and BSA binding interactions of palladium(II) and platinum(II) complexes featuring amides of tetrazol-1-yl- and tetrazol-5-ylacetic acids. <i>Polyhedron</i> , 2019, 158, 36-46.	2.2	12
11	Genetics in Genomic Era. <i>Genetics Research International</i> , 2015, 2015, 1-2.	2.0	10
12	Participation of translesion synthesis DNA polymerases in the maintenance of chromosome integrity in yeast <i>Saccharomyces cerevisiae</i> . <i>Biochemistry (Moscow)</i> , 2011, 76, 49-60.	1.5	9
13	TusA (YhhP) and IscS are required for molybdenum cofactor-dependent base analog detoxification. <i>MicrobiologyOpen</i> , 2013, 2, 743-755.	3.0	9
14	Measuring deaminated nucleotide surveillance enzyme ITPA activity with an ATP-releasing nucleotide chimera. <i>Nucleic Acids Research</i> , 2017, 45, 11515-11524.	14.5	9
15	Genetic control of metabolism of mutagenic purine base analogs 6-hydroxylaminopurine and 2-amino-6-hydroxylaminopurine in yeast <i>Saccharomyces cerevisiae</i> . <i>Russian Journal of Genetics</i> , 2009, 45, 409-414.	0.6	7
16	Deletion of the DEF1 gene does not confer UV-immutability but frequently leads to self-diploidization in yeast <i>Saccharomyces cerevisiae</i> . <i>DNA Repair</i> , 2018, 70, 49-54.	2.8	7
17	Post-ER Stress Biogenesis of Golgi Is Governed by Giantin. <i>Cells</i> , 2019, 8, 1631.	4.1	7
18	Compensation for the absence of the catalytically active half of DNA polymerase $\hat{\mu}$ in yeast by positively selected mutations in <i>CDC28</i> . <i>Genetics</i> , 2021, 218, .	2.9	7

#	ARTICLE	IF	CITATIONS
19	Detection of the DNA primary structure modifications induced by the base analog 6-n-hydroxylaminopurine in the alpha-test in yeast <i>saccharomyces cerevisiae</i> . <i>Ecological Genetics</i> , 2020, 18, 357-366.	0.5	6
20	Recombination Is Responsible for the Increased Recovery of Drug-Resistant Mutants with Hypermutated Genomes in Resting Yeast Diploids Expressing APOBEC Deaminases. <i>Frontiers in Genetics</i> , 2017, 8, 202.	2.3	5
21	The fidelity of DNA replication, particularly on GC-rich templates, is reduced by defects of the Feâ€S cluster in DNA polymerase Î. <i>Nucleic Acids Research</i> , 2021, 49, 5623-5636.	14.5	3
22	The role of metabolic activation of promutagens in the genome destabilization under pheromonal stress in the house mouse (<i>Mus musculus</i>). <i>Russian Journal of Genetics</i> , 2011, 47, 1209-1214.	0.6	2
23	Mechanisms of Global and Region-Specific Control of Mutagenesis. , 2016, , 55-76.		2
24	Rate of spontaneous polyploidization in haploid yeast Saccharomyces cerevisiae. <i>Biological Communications</i> , 2022, 67, .	0.8	1