Elena I Stepchenkova

List of Publications by Year
in descending order

24	408	933447 10	752698 20
papers	citations	h-index	g-index

28	28	28	563
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rate of spontaneous polyploidization in haploid yeast Saccharomyces cerevisiae. Biological Communications, 2022, 67, .	0.8	1
2	Compensation for the absence of the catalytically active half of DNA polymerase Îµ in yeast by positively selected mutations in CDC28. Genetics, 2021, 218, .	2.9	7
3	The fidelity of DNA replication, particularly on GC-rich templates, is reduced by defects of the Feâ€“S cluster in DNA polymerase Î´. Nucleic Acids Research, 2021, 49, 5623-5636.	14.5	3
4	Genome Instability in Multiple Myeloma: Facts and Factors. Cancers, 2021, 13, 5949.	3.7	17
5	DNA Polymerases at the Eukaryotic Replication Fork Thirty Years after: Connection to Cancer. Cancers, 2020, 12, 3489.	3.7	15
6	Detection of the DNA primary structure modifications induced by the base analog 6-n-hydroxylaminopurine in the alpha-test in yeast saccharomyces cerevisiae. Ecological Genetics, 2020, 18, 357-366.	0.5	6
7	Post-ER Stress Biogenesis of Golgi Is Governed by Giantin. Cells, 2019, 8, 1631.	4.1	7
8	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. Polyhedron, 2019, 158, 36-46.	2.2	12
9	Deletion of the DEF1 gene does not confer UV-immutability but frequently leads to self-diploidization in yeast Saccharomyces cerevisiae. DNA Repair, 2018, 70, 49-54.	2.8	7
10	Defect of Fe-S cluster binding by DNA polymerase Î´ in yeast suppresses UV-induced mutagenesis, but enhances DNA polymerase Î¶ â€“ dependent spontaneous mutagenesis. DNA Repair, 2017, 49, 60-69.	2.8	14
11	Measuring deaminated nucleotide surveillance enzyme ITPA activity with an ATP-releasing nucleotide chimera. Nucleic Acids Research, 2017, 45, 11515-11524.	14.5	9
12	Recombination Is Responsible for the Increased Recovery of Drug-Resistant Mutants with Hypermutated Genomes in Resting Yeast Diploids Expressing APOBEC Deaminases. Frontiers in Genetics, 2017, 8, 202.	2.3	5
13	Mechanisms of Global and Region-Specific Control of Mutagenesis. , 2016, , 55-76.		2
14	Genetics in Genomic Era. Genetics Research International, 2015, 2015, 1-2.	2.0	10
15	DNA polymerases Î¶ and Rev1 mediate error-prone bypass of non-B DNA structures. Nucleic Acids Research, 2014, 42, 290-306.	14.5	93
16	TusA (YhhP) and IscS are required for molybdenum cofactorâ€dependent baseâ€analog detoxification. MicrobiologyOpen, 2013, 2, 743-755.	3.0	9
17	A Critical Role for the Putative NCS2 Nucleobase Permease YjcD in the Sensitivity of Escherichia coli to Cytotoxic and Mutagenic Purine Analogs. MBio, 2013, 4, e00661-13.	4.1	15
18	Genome-Wide Mutation Avalanches Induced in Diploid Yeast Cells by a Base Analog or an APOBEC Deaminase. PLoS Genetics, 2013, 9, e1003736.	3.5	54

#	Article	IF	Citations
19	Modulation of mutagenesis in eukaryotes by DNA replication fork dynamics and quality of nucleotide pools. Environmental and Molecular Mutagenesis, 2012, 53, 699-724.	2.2	28
20	Participation of translesion synthesis DNA polymerases in the maintenance of chromosome integrity in yeast Saccharomyces cerevisiae. Biochemistry (Moscow), 2011, 76, 49-60.	1.5	9
21	The role of metabolic activation of promutagens in the genome destabilization under pheromonal stress in the house mouse (Mus musculus). Russian Journal of Genetics, 2011, 47, 1209-1214.	0.6	2
22	Genetic control of metabolism of mutagenic purine base analogs 6-hydroxylaminopurine and 2-amino-6-hydroxylaminopurine in yeast Saccharomyces cerevisiae. Russian Journal of Genetics, 2009, 45, 409-414.	0.6	7
23	Functional Study of the P32T ITPA Variant Associated with Drug Sensitivity in Humans. Journal of Molecular Biology, 2009, 392, 602-613.	4.2	53
24	Genome-wide screening for genes whose deletions confer sensitivity to mutagenic purine base analogs in yeast. BMC Genetics, 2005, 6, 31.	2.7	20