

Roxane Lestini

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

792
citations

687363

13
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

875
citing authors

#	ARTICLE	IF	CITATIONS
1	Recombination proteins and rescue of arrested replication forks. <i>DNA Repair</i> , 2007, 6, 967-980.	2.8	177
2	UvrD controls the access of recombination proteins to blocked replication forks. <i>EMBO Journal</i> , 2007, 26, 3804-3814.	7.8	87
3	Genetic Evidence for a Link Between Glycolysis and DNA Replication. <i>PLoS ONE</i> , 2007, 2, e447.	2.5	64
4	The <i>Escherichia coli</i> UvrD helicase is essential for Tus removal during recombination-dependent replication restart from Ter sites. <i>Molecular Microbiology</i> , 2006, 62, 382-396.	2.5	57
5	The archaeal Xpf/Mus81/FANCM homolog Hef and the Holliday junction resolvase Hjc define alternative pathways that are essential for cell viability in <i>Haloferax volcanii</i> . <i>DNA Repair</i> , 2010, 9, 994-1002.	2.8	56
6	RNA polymerase mutations that facilitate replication progression in the <i>rep uvrD recF</i> mutant lacking two accessory replicative helicases. <i>Molecular Microbiology</i> , 2010, 77, 324-336.	2.5	54
7	Exposure to selenomethionine causes selenocysteine misincorporation and protein aggregation in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2017, 7, 44761.	3.3	44
8	Euryarchaeal genomes are folded into SMC-dependent loops and domains, but lack transcription-mediated compartmentalization. <i>Molecular Cell</i> , 2021, 81, 459-472.e10.	9.7	42
9	Evolutionary insights into Trm112-methyltransferase holoenzymes involved in translation between archaea and eukaryotes. <i>Nucleic Acids Research</i> , 2018, 46, 8483-8499.	14.5	37
10	UvrD and UvrD252 Counteract RecQ, RecJ, and RecFOR in a <i>rep</i> Mutant of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2008, 190, 5995-6001.	2.2	35
11	XthA (Exonuclease III) regulates loading of RecA onto DNA substrates in log phase <i>Escherichia coli</i> cells. <i>Molecular Microbiology</i> , 2008, 67, 88-101.	2.5	28
12	Intracellular dynamics of archaeal FANCM homologue Hef in response to halted DNA replication. <i>Nucleic Acids Research</i> , 2013, 41, 10358-10370.	14.5	24
13	Modulation of the <i>Pyrococcus abyssi</i> NucS Endonuclease Activity by Replication Clamp at Functional and Structural Levels. <i>Journal of Biological Chemistry</i> , 2012, 287, 15648-15660.	3.4	20
14	Snapshots of archaeal DNA replication and repair in living cells using super-resolution imaging. <i>Nucleic Acids Research</i> , 2018, 46, 10757-10770.	14.5	16
15	High-throughput sequencing reveals circular substrates for an archaeal RNA ligase. <i>RNA Biology</i> , 2017, 14, 1075-1085.	3.1	12
16	Structure and function of a novel endonuclease acting on branched DNA substrates. <i>Biochemical Society Transactions</i> , 2011, 39, 145-149.	3.4	9
17	DNA replication restart and cellular dynamics of Hef helicase/nuclease protein in <i>Haloferax volcanii</i> . <i>Biochimie</i> , 2015, 118, 254-263.	2.6	9
18	Structural and functional insight into serine hydroxymethyltransferase from <i>Helicobacter pylori</i> . <i>PLoS ONE</i> , 2018, 13, e0208850.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Differential Interaction Kinetics of a Bipolar Structure-Specific Endonuclease with DNA Flaps Revealed by Single-Molecule Imaging. PLoS ONE, 2014, 9, e113493.	2.5	6
20	Methylselenol Produced In Vivo from Methylseleninic Acid or Dimethyl Diselenide Induces Toxic Protein Aggregation in <i>Saccharomyces cerevisiae</i> . International Journal of Molecular Sciences, 2021, 22, 2241.	4.1	4
21	Isolation and identification of two extremely halophilic archaea from sebkhas in the Algerian Sahara. Cellular and Molecular Biology, 2018, 64, 83-91.	0.9	2
22	DNA Replication Restart in Archaea. , 0, , .		0