

# Replication stress activates DNA repair synthesis in mit

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Citation Report

#	ARTICLE	IF	CITATIONS
1	From Mutational Mechanisms in Single Cells to Mutational Patterns in Cancer Genomes. Cold Spring Harbor Symposia on Quantitative Biology, 2015, 80, 117-137.	2.0	11
2	Maintaining Genome Stability in Defiance of Mitotic DNA Damage. Frontiers in Genetics, 2016, 7, 128.	1.1	4
3	A Mechanism for Controlled Breakage of Under-replicated Chromosomes during Mitosis. Developmental Cell, 2016, 39, 740-755.	3.1	105
4	RAD52 Facilitates Mitotic DNA Synthesis Following Replication Stress. Molecular Cell, 2016, 64, 1117-1126.	4.5	310
5	Roles of human POLD1 and POLD3 in genome stability. Scientific Reports, 2016, 6, 38873.	1.6	46
6	Stressing Out About RAD52. Molecular Cell, 2016, 64, 1017-1019.	4.5	16
7	Profiling DNA damage response following mitotic perturbations. Nature Communications, 2016, 7, 13887.	5.8	46
8	Mammalian RAD52 Functions in Break-Induced Replication Repair of Collapsed DNA Replication Forks. Molecular Cell, 2016, 64, 1127-1134.	4.5	223
9	Jumping the nuclear envelope barrier: Improving polyplex-mediated gene transfection efficiency by a selective CDK1 inhibitor RO-3306. Journal of Controlled Release, 2016, 234, 90-97.	4.8	12
10	A Genome-wide CRISPR Screen Identifies CDC25A as a Determinant of Sensitivity to ATR Inhibitors. Molecular Cell, 2016, 62, 307-313.	4.5	155
11	Genome maintenance in the context of 4D chromatin condensation. Cellular and Molecular Life Sciences, 2016, 73, 3137-3150.	2.4	11
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17	miR-137 plays tumor suppressor roles in gastric cancer cell lines by targeting KLF12 and MYO1C. Tumor Biology, 2016, 37, 13557-13569.	0.8	39
18	POLD3 Is Haploinsufficient for DNA Replication in Mice. Molecular Cell, 2016, 63, 877-883.	4.5	34

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20	Proteomic Profiling Reveals a Specific Role for Translesion DNA Polymerase Î· in the Alternative Lengthening of Telomeres. Cell Reports, 2016, 17, 1858-1871.	2.9	113
21	Break-induced telomere synthesis underlies alternative telomere maintenance. Nature, 2016, 539, 54-58.	13.7	336
22	Role of the Common Fragile Sites in Cancers with a Human Papillomavirus Etiology. Cytogenetic and Genome Research, 2016, 150, 217-226.	0.6	7
23	Proliferation of Double-Strand Break-Resistant Polyploid Cells Requires Drosophila FANCD2. Developmental Cell, 2016, 37, 444-457.	3.1	39
24	The complex nature of fragile site plasticity and its importance in cancer. Current Opinion in Cell Biology, 2016, 40, 131-136.	2.6	56
25	Breaks in the brain. Nature, 2016, 532, 46-47.	13.7	11
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132	Targeted and Persistent 8-Oxoguanine Base Damage at Telomeres Promotes Telomere Loss and Crisis. <i>Molecular Cell</i> , 2019, 75, 117-130.e6.	4.5	179
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424	The Influence of Edaphic Factors on DNA Damage and Repair in Wild Wheat <i>Triticum dicoccoides</i> (Poaceae, Triticaceae). <i>International Journal of Molecular Sciences</i> , 2023, 24, 6847.	1.8	0
425	Polymerase iota (Pol $\iota$ ) prevents PrimPol-mediated nascent DNA synthesis and chromosome instability. <i>Science Advances</i> , 2023, 9, .	4.7	8
456	Quantity and quality of minichromosome maintenance protein complexes couple replication licensing to genome integrity. <i>Communications Biology</i> , 2024, 7, .	2.0	0