p53 Maintains Genomic Stability by Preventing Interfer Replication

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Citation Report

#	Article	IF	CITATIONS
2	Transcription–replication conflicts: how they occur and how they are resolved. Nature Reviews Molecular Cell Biology, 2016, 17, 553-563.	16.1	292
3	p53 Activity Results in DNA Replication Fork Processivity. Cell Reports, 2016, 17, 1845-1857.	2.9	60
4	Loopingâ€out mechanism for resolution of replicative stress at telomeres. EMBO Reports, 2017, 18, 1412-1428.	2.0	21
5	Resveratrol as MDR reversion molecule in breast cancer: An overview. Food and Chemical Toxicology, 2017, 103, 223-232.	1.8	78
6	The impact of replication stress on replication dynamics and DNA damage in vertebrate cells. Nature Reviews Genetics, 2017, 18, 535-550.	7.7	199
7	Tumor suppressor p53 links ceramide metabolism to DNA damage response through alkaline ceramidase 2. Cell Death and Differentiation, 2018, 25, 841-856.	5.0	54
8	Mdm2 selectively suppresses DNA damage arising from inhibition of topoisomerase II independent of p53. Oncogene, 2017, 36, 6085-6096.	2.6	10
9	Replication Fork Protection Factors Controlling R-Loop Bypass and Suppression. Genes, 2017, 8, 33.	1.0	30
10	Bridge-Induced Translocation between NUP145 and TOP2 Yeast Genes Models the Genetic Fusion between the Human Orthologs Associated With Acute Myeloid Leukemia. Frontiers in Oncology, 2017, 7, 231.	1.3	3
11	Mechanisms of Oncogene-Induced Replication Stress: Jigsaw Falling into Place. Cancer Discovery, 2018, 8, 537-555.	7.7	274
12	USP15-dependent lysosomal pathway controls p53-R175H turnover in ovarian cancer cells. Nature Communications, 2018, 9, 1270.	5.8	63
13	Replication stress in hematopoietic stem cells in mouse and man. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2018, 808, 74-82.	0.4	13
14	Deciphering p53 signaling in tumor suppression. Current Opinion in Cell Biology, 2018, 51, 65-72.	2.6	170
15	Chromatin modifiers Mdm2 and RNF2 prevent RNA:DNA hybrids that impair DNA replication. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11311-E11320.	3.3	44
16	Cholinergic Receptor Nicotinic Alpha 5 (CHRNA5) RNAi is associated with cell cycle inhibition, apoptosis, DNA damage response and drug sensitivity in breast cancer. PLoS ONE, 2018, 13, e0208982.	1,1	13
17	Multiple genetic mutations caused by NKX6.3 depletion contribute to gastric tumorigenesis. Scientific Reports, 2018, 8, 17609.	1.6	4
18	High speed of fork progression induces DNA replication stress and genomic instability. Nature, 2018, 559, 279-284.	13.7	374
19	The Tip of an Iceberg: Replication-Associated Functions of the Tumor Suppressor p53. Cancers, 2018, 10, 250.	1.7	17

#	Article	IF	Citations
20	Replication stress response in cancer stem cells as a target for chemotherapy. Seminars in Cancer Biology, 2018, 53, 31-41.	4.3	31
21	Topoisomerase II Poisons for Glioblastoma; Existing Challenges and Opportunities to Personalize Therapy. Frontiers in Neurology, 2018, 9, 459.	1.1	18
22	Rutheniumâ€Containing Linear Helicates and Mesocates with Tuneable p53â€Selective Cytotoxicity in Colorectal Cancer Cells. Angewandte Chemie - International Edition, 2018, 57, 9799-9804.	7.2	39
23	Rutheniumâ€Containing Linear Helicates and Mesocates with Tuneable p53â€Selective Cytotoxicity in Colorectal Cancer Cells. Angewandte Chemie, 2018, 130, 9947-9952.	1.6	15
24	Control of metabolism by p53 – Cancer and beyond. Biochimica Et Biophysica Acta: Reviews on Cancer, 2018, 1870, 32-42.	3.3	133
25	Regulation of replication fork speed: Mechanisms and impact on genomic stability. DNA Repair, 2019, 81, 102654.	1.3	21
26	R Loops and Their Composite Cancer Connections. Trends in Cancer, 2019, 5, 619-631.	3.8	57
27	The Yin-Yang Regulation of Reactive Oxygen Species and MicroRNAs in Cancer. International Journal of Molecular Sciences, 2019, 20, 5335.	1.8	47
28	RecQL4 tethering on the pre-replicative complex induces unscheduled origin activation and replication stress in human cells. Journal of Biological Chemistry, 2019, 294, 16255-16265.	1.6	15
29	Interplay Between Mitochondrial Peroxiredoxins and ROS in Cancer Development and Progression. International Journal of Molecular Sciences, 2019, 20, 4407.	1.8	81
30	MRE11-RAD50-NBS1 promotes Fanconi Anemia R-loop suppression at transcription–replication conflicts. Nature Communications, 2019, 10, 4265.	5.8	55
31	PHF2 histone demethylase prevents DNA damage and genome instability by controlling cell cycle progression of neural progenitors. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19464-19473.	3.3	35
32	Multiple Defects Sensitize p53-Deficient Head and Neck Cancer Cells to the WEE1 Kinase Inhibition. Molecular Cancer Research, 2019, 17, 1115-1128.	1.5	23
33	High Risk of Hepatocellular Carcinoma Development in Fibrotic Liver: Role of the Hippo-YAP/TAZ Signaling Pathway. International Journal of Molecular Sciences, 2019, 20, 581.	1.8	35
34	Decoding the link between WWOX and p53 in aggressive breast cancer. Cell Cycle, 2019, 18, 1177-1186.	1.3	18
35	Drugging in the absence of p53. Journal of Molecular Cell Biology, 2019, 11, 255-264.	1.5	14
36	How the Other Half Lives: What p53 Does When It Is Not Being a Transcription Factor. International Journal of Molecular Sciences, 2020, 21, 13.	1.8	54
37	Multiple biochemical properties of the p53 molecule contribute to activation of polymerase iota-dependent DNA damage tolerance. Nucleic Acids Research, 2020, 48, 12188-12203.	6.5	14

#	ARTICLE	IF	CITATIONS
38	Chromosome-level assembly of the horseshoe crab genome provides insights into its genome evolution. Nature Communications, 2020, 11, 2322.	5.8	57
39	Histone chaperone FACT is essential to overcome replication stress in mammalian cells. Oncogene, 2020, 39, 5124-5137.	2.6	17
40	Chromatin Architectural Factors as Safeguards against Excessive Supercoiling during DNA Replication. International Journal of Molecular Sciences, 2020, 21, 4504.	1.8	11
41	Proteogenomics of Non-smoking Lung Cancer in East Asia Delineates Molecular Signatures of Pathogenesis and Progression. Cell, 2020, 182, 226-244.e17.	13.5	178
42	Twist1 induces chromosomal instability (CIN) in colorectal cancer cells. Human Molecular Genetics, 2020, 29, 1673-1688.	1.4	16
43	Targeting codon 158 p53-mutant cancers via the induction of p53 acetylation. Nature Communications, 2020, 11, 2086.	5.8	20
44	Genome-wide Screens Implicate Loss of Cullin Ring Ligase 3 in Persistent Proliferation and Genome Instability in TP53-Deficient Cells. Cell Reports, 2020, 31, 107465.	2.9	24
45	Beyond Kinases: Targeting Replication Stress Proteins in Cancer Therapy. Trends in Cancer, 2021, 7, 430-446.	3.8	24
46	Harmine Combined with <i>Rad54</i> Knockdown Inhibits the Viability of <i>Echinococcus granulosus</i> by Enhancing DNA Damage. DNA and Cell Biology, 2021, 40, 1-9.	0.9	3
48	ARID1A regulates R-loop associated DNA replication stress. PLoS Genetics, 2021, 17, e1009238.	1.5	40
49	IncRNA WT1â€'AS is upregulated in osteoporosis and regulates the apoptosis of osteoblasts by interacting with p53. Experimental and Therapeutic Medicine, 2021, 22, 734.	0.8	2
50	Replication stress promotes cell elimination by extrusion. Nature, 2021, 593, 591-596.	13.7	20
51	Proline oxidase silencing inhibits p53-dependent apoptosis in MCF-7 breast cancer cells. Amino Acids, 2021, 53, 1943-1956.	1.2	5
52	Impact of the interplay between stemness features, p53 and pol iota on replication pathway choices. Nucleic Acids Research, 2021, 49, 7457-7475.	6.5	11
53	Role of Dietary Antioxidants in p53-Mediated Cancer Chemoprevention and Tumor Suppression. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-18.	1.9	26
54	Transcription factor RFX7 governs a tumor suppressor network in response to p53 and stress. Nucleic Acids Research, 2021, 49, 7437-7456.	6.5	17
57	Immune pathway upregulation and lower genomic instability distinguish EBV-positive nodal T/NK-cell lymphoma from ENKTL and PTCL-NOS. Haematologica, 2022, 107, 1864-1879.	1.7	37
58	Iron increases the susceptibility of colorectal cancer cells to compound Kushen Injection via the decrease of TOP2A and p53. Pharmacological Research Modern Chinese Medicine, 2022, 2, 100058.	0.5	0

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59	Iron Increases the Susceptibility of Colorectal Cancer Cells to Compound Kushen Injection Via the Decrease of TOP2A and P53. SSRN Electronic Journal, 0 , , .	0.4	0
60	The Prognostic Role of CDK9 in Bladder Cancers. Cancers, 2022, 14, 1492.	1.7	7
61	Rapid recruitment of p53 to DNA damage sites directs DNA repair choice and integrity. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113233119.	3.3	39
62	Increased replication stress and R-loop accumulation in EGFRvIII-expressing glioblastoma present new therapeutic opportunities. Neuro-Oncology Advances, 2022, 4, vdab180.	0.4	2
63	Mitochondria and Their Relationship with Common Genetic Abnormalities in Hematologic Malignancies. Life, 2021, 11, 1351.	1.1	1
64	p53 at the crossroad of DNA replication and ribosome biogenesis stress pathways. Cell Death and Differentiation, 2022, 29, 972-982.	5.0	47
65	Disrupted control of origin activation compromises genome integrity upon destabilization of Poll μ and dysfunction of the TRP53-CDKN1A/P21 axis. Cell Reports, 2022, 39, 110871.	2.9	2
66	MDM2 binds and ubiquitinates PARP1 to enhance DNA replication fork progression. Cell Reports, 2022, 39, 110879.	2.9	13
67	Cruciferous vegetables as a treasure of functional foods bioactive compounds: Targeting p53 family in gastrointestinal tract and associated cancers. Frontiers in Nutrition, 0, 9, .	1.6	5
68	Karyotyping and Chromosomal Aberrations in Cancer: Molecular and Diagnostic Biomarkers. , 2023, , 50-80.		O
69	The role of truncated p53 isoforms in the DNA damage response. Biochimica Et Biophysica Acta: Reviews on Cancer, 2023, 1878, 188882.	3.3	8