Jurgen A Marteijn

List of Publications by Year
in descending order

54 papers	4,509 citations	186265 28 h-index	168389 53 g-index
61 all docs	61 docs citations	61 times ranked	6132 citing authors

#	Article	IF	Citations
1	Active DNA damage eviction by HLTF stimulates nucleotide excision repair. Molecular Cell, 2022, 82, 1343-1358.e8.	9.7	16
2	DNA damage-induced transcription stress triggers the genome-wide degradation of promoter-bound Pol II. Nature Communications, 2022, 13, .	12.8	21
3	A CSB-PAF1C axis restores processive transcription elongation after DNA damage repair. Nature Communications, 2021, 12, 1342.	12.8	31
4	USP44 Stabilizes DDB2 to Facilitate Nucleotide Excision Repair and Prevent Tumors. Frontiers in Cell and Developmental Biology, 2021, 9, 663411.	3.7	5
5	SMARCAD1-mediated active replication fork stability maintains genome integrity. Science Advances, 2021, 7, .	10.3	15
6	Elongation factor ELOF1 drives transcription-coupled repair and prevents genome instability. Nature Cell Biology, 2021, 23, 608-619.	10.3	41
7	Ubiquitin and TFIIH-stimulated DDB2 dissociation drives DNA damage handover in nucleotide excision repair. Nature Communications, 2020, 11, 4868.	12.8	39
8	WDR82/PNUTS-PP1 Prevents Transcription-Replication Conflicts by Promoting RNA Polymerase II Degradation on Chromatin. Cell Reports, 2020, 33, 108469.	6.4	33
9	Histone H1 eviction by the histone chaperone SET reduces cell survival following DNA damage. Journal of Cell Science, 2020, 133, .	2.0	11
10	Ultra-soft X-ray system for imaging the early cellular responses to X-ray induced DNA damage. Nucleic Acids Research, 2019, 47, e100-e100.	14.5	9
11	Fluorescently-labelled CPD and 6-4PP photolyases: new tools for live-cell DNA damage quantification and laser-assisted repair. Nucleic Acids Research, 2019, 47, 3536-3549.	14.5	19
12	FACT subunit Spt16 controls UVSSA recruitment to lesion-stalled RNA Pol II and stimulates TC-NER. Nucleic Acids Research, 2019, 47, 4011-4025.	14.5	33
13	The DNA damage response to transcription stress. Nature Reviews Molecular Cell Biology, 2019, 20, 766-784.	37.0	184
14	Live-cell analysis of endogenous GFP-RPB1 uncovers rapid turnover of initiating and promoter-paused RNA Polymerase II. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E4368-E4376.	7.1	166
15	DNA damage sensitivity of SWI/SNF-deficient cells depends on TFIIH subunit p62/GTF2H1. Nature Communications, 2018, 9, 4067.	12.8	25
16	What happens at the lesion does not stay at the lesion: Transcription-coupled nucleotide excision repair and the effects of DNA damage on transcription in cis and trans. DNA Repair, 2018, 71, 56-68.	2.8	37
17	The transcription-coupled DNA repair-initiating protein CSB promotes XRCC1 recruitment to oxidative DNA damage. Nucleic Acids Research, 2018, 46, 7747-7756.	14.5	54
18	<scp>DNA</scp> damageâ€induced replication stress results in <scp>PA</scp> 200â€proteasomeâ€mediated degradation of acetylated histones. EMBO Reports, 2018, 19, .	4.5	42

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19	Amplification of unscheduled DNA synthesis signal enables fluorescence-based single cell quantification of transcription-coupled nucleotide excision repair. Nucleic Acids Research, 2017, 45, gkw1360.	14.5	16
20	Noncanonical ATM Activation and Signaling in Response to Transcription-Blocking DNA Damage. Methods in Molecular Biology, 2017, 1599, 347-361.	0.9	5
21	Traveling Rocky Roads: The Consequences of Transcription-Blocking DNA Lesions on RNA Polymerase II. Journal of Molecular Biology, 2017, 429, 3146-3155.	4.2	22
22	DNA damage-induced histone H1 ubiquitylation is mediated by HUWE1 and stimulates the RNF8-RNF168 pathway. Scientific Reports, 2017, 7, 15353.	3.3	54
23	Trichothiodystrophy causative TFIIEÎ² mutation affects transcription in highly differentiated tissue. Human Molecular Genetics, 2017, 26, 4689-4698.	2.9	38
24	Bidirectional coupling of splicing and ATM signaling in response to transcription-blocking DNA damage. RNA Biology, 2016, 13, 272-278.	3.1	14
25	The core spliceosome as target and effector of non-canonical ATM signalling. Nature, 2015, 523, 53-58.	27.8	212
26	SUMO and ubiquitin-dependent XPC exchange drives nucleotide excision repair. Nature Communications, 2015, 6, 7499.	12.8	90
27	Check, Check â€¦Triple Check: Multi-Step DNA Lesion Identification by Nucleotide Excision Repair. Molecular Cell, 2015, 59, 885-886.	9.7	8
28	Gearing up chromatin. Nucleus, 2014, 5, 203-210.	2.2	19
29	Differential binding kinetics of replication protein A during replication and the pre- and post-incision steps of nucleotide excision repair. DNA Repair, 2014, 24, 46-56.	2.8	3
30	Human ISWI complexes are targeted by SMARCA5 ATPase and SLIDE domains to help resolve lesion-stalled transcription. Nucleic Acids Research, 2014, 42, 8473-8485.	14.5	54
31	Understanding nucleotide excision repair and its roles in cancer and ageing. Nature Reviews Molecular Cell Biology, 2014, 15, 465-481.	37.0	865
32	Ubiquitin at work: The ubiquitous regulation of the damage recognition step of NER. Experimental Cell Research, 2014, 329, 101-109.	2.6	27
33	Poly(ADP-ribosyl)ation links the chromatin remodeler SMARCA5/SNF2H to RNF168-dependent DNA damage signaling. Journal of Cell Science, 2013, 126, 889-903.	2.0	113
34	UVSSA and USP7, a new couple in transcription-coupled DNA repair. Chromosoma, 2013, 122, 275-284.	2.2	39
35	Enhanced Chromatin Dynamics by FACT Promotes Transcriptional Restart after UV-Induced DNA Damage. Molecular Cell, 2013, 51, 469-479.	9.7	127
36	An immunoaffinity purification method for the proteomic analysis of ubiquitinated protein complexes. Analytical Biochemistry, 2013, 440, 227-236.	2.4	25

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37	Disruption of TTDA Results in Complete Nucleotide Excision Repair Deficiency and Embryonic Lethality. PLoS Genetics, 2013, 9, e1003431.	3.5	32
38	RNF111/Arkadia is a SUMO-targeted ubiquitin ligase that facilitates the DNA damage response. Journal of Cell Biology, 2013, 201, 797-807.	5.2	129
39	UV-induced G2 checkpoint depends on p38 MAPK and minimal activation of ATR-Chk1 pathway. Journal of Cell Science, 2013, 126, 1923-30.	2.0	8
40	Erythropoietic Defect Associated with Reduced Cell Proliferation in Mice Lacking the 26S Proteasome Shuttling Factor Rad23b. Molecular and Cellular Biology, 2013, 33, 3879-3892.	2.3	9
41	RNF168ÂUbiquitinates K13-15 on H2A/H2AX to Drive DNA Damage Signaling. Cell, 2012, 150, 1182-1195.	28.9	516
42	PARP1 promotes nucleotide excision repair through DDB2 stabilization and recruitment of ALC1. Journal of Cell Biology, 2012, 199, 235-249.	5.2	197
43	UV-sensitive syndrome protein UVSSA recruits USP7 to regulate transcription-coupled repair. Nature Genetics, 2012, 44, 598-602.	21.4	213
44	ATP-dependent chromatin remodeling in the DNA-damage response. Epigenetics and Chromatin, 2012, 5, 4.	3.9	152
45	Involvement of Global Genome Repair, Transcription Coupled Repair, and Chromatin Remodeling in UV DNA Damage Response Changes during Development. PLoS Genetics, 2010, 6, e1000941.	3.5	111
46	Nucleotide excision repairâ€"induced H2A ubiquitination is dependent on MDC1 and RNF8 and reveals a universal DNA damage response. Journal of Cell Biology, 2009, 186, 835-847.	5.2	167
47	The ubiquitin ligase Triad1 inhibits myelopoiesis through UbcH7 and Ubc13 interacting domains. Leukemia, 2009, 23, 1480-1489.	7.2	28
48	Diminished proteasomal degradation results in accumulation of Gfi1 protein in monocytes. Blood, 2007, 109, 100-108.	1.4	22
49	Gfi1 ubiquitination and proteasomal degradation is inhibited by the ubiquitin ligase Triad1. Blood, 2007, 110, 3128-3135.	1.4	28
50	Human USP3 Is a Chromatin Modifier Required for S Phase Progression and Genome Stability. Current Biology, 2007, 17, 1972-1977.	3.9	251
51	Triad1 Regulates Myelopoiesis through Different Ubiquitin Ligase Activities.. Blood, 2007, 110, 3292-3292.	1.4	0
52	Ubiquitylation in normal and malignant hematopoiesis: novel therapeutic targets. Leukemia, 2006, 20, 1511-1518.	7.2	16
53	The E3 ubiquitin-protein ligase Triad1 inhibits clonogenic growth of primary myeloid progenitor cells. Blood, 2005, 106, 4114-4123.	1.4	52
54	Role of curcumin and the inhibition of NF-Î°B in the onset of chemotherapy-induced mucosal barrier injury. Leukemia, 2004, 18, 276-284.	7.2	63