

Anja Groth

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

6,126
citations

147566

31
h-index

214527

47
g-index

54
all docs

54
docs citations

54
times ranked

6803
citing authors

#	ARTICLE	IF	CITATIONS
1	NASP maintains histone H3â€“H4 homeostasis through two distinct H3 binding modes. <i>Nucleic Acids Research</i> , 2022, 50, 5349-5368.	6.5	21
2	Genetic and functional insights into CDA-I prevalence and pathogenesis. <i>Journal of Medical Genetics</i> , 2021, 58, 185-195.	1.5	9
3	Proteome dynamics at broken replication forks reveal a distinct ATM-directed repair response suppressing DNA double-strand break ubiquitination. <i>Molecular Cell</i> , 2021, 81, 1084-1099.e6.	4.5	57
4	DNAJC9 integrates heat shock molecular chaperones into the histone chaperone network. <i>Molecular Cell</i> , 2021, 81, 2533-2548.e9.	4.5	31
5	BARD1 reads H2A lysine 15 ubiquitination to direct homologous recombination. <i>Nature</i> , 2021, 596, 433-437.	13.7	92
6	Genome-wide and sister chromatid-resolved profiling of protein occupancy in replicated chromatin with ChOR-seq and SCAR-seq. <i>Nature Protocols</i> , 2021, 16, 4446-4493.	5.5	11
7	Repeat RNAs associate with replication forks and post-replicative DNA. <i>Rna</i> , 2020, 26, 1104-1117.	1.6	5
8	Chromatin replication and epigenetic cell memory. <i>Nature Cell Biology</i> , 2020, 22, 361-371.	4.6	170
9	Domain Model Explains Propagation Dynamics and Stability of Histone H3K27 and H3K36 Methylation Landscapes. <i>Cell Reports</i> , 2020, 30, 1223-1234.e8.	2.9	54
10	A chromatin-based signalling mechanism directs the switch from mutagenic to error-free repair of DNA double strand breaks. <i>Molecular and Cellular Oncology</i> , 2019, 6, 1605820.	0.3	3
11	Transcription Restart Establishes Chromatin Accessibility after DNA Replication. <i>Molecular Cell</i> , 2019, 75, 284-297.e6.	4.5	62
12	H4K20me0 recognition by BRCA1â€“BARD1 directs homologous recombination to sister chromatids. <i>Nature Cell Biology</i> , 2019, 21, 311-318.	4.6	146
13	Accurate Recycling of Parental Histones Reproduces the Histone Modification Landscape during DNA Replication. <i>Molecular Cell</i> , 2018, 72, 239-249.e5.	4.5	188
14	MCM2 promotes symmetric inheritance of modified histones during DNA replication. <i>Science</i> , 2018, 361, 1389-1392.	6.0	207
15	Tousled-like kinases stabilize replication forks and show synthetic lethality with checkpoint and PARP inhibitors. <i>Science Advances</i> , 2018, 4, eaat4985.	4.7	40
16	Histone chaperone networks shaping chromatin function. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 141-158.	16.1	401
17	Differential requirements for Tousled-like kinases 1 and 2 in mammalian development. <i>Cell Death and Differentiation</i> , 2017, 24, 1872-1885.	5.0	20
18	Chromatin Replication and Histone Dynamics. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1042, 311-333.	0.8	44

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19	<scp>BRPF</scp> 3 regulates replication origin activation and histone H3K14 acetylation. EMBO Journal, 2016, 35, 176-192.	3.5	97
20	H4K20me0 marks post-replicative chromatin and recruits the TONSL DNA repair complex. Nature, 2016, 534, 714-718.	13.7	172
21	TRAIPI is a PCNA-binding ubiquitin ligase that protects genome stability after replication stress. Journal of Cell Biology, 2016, 212, 63-75.	2.3	65
22	TRAIPI is a PCNA-binding ubiquitin ligase that protects genome stability after replication stress. Journal of Experimental Medicine, 2016, 213, 2131-2142.	4.2	0
23	Cmr1/WDR76 defines a nuclear genotoxic stress body linking genome integrity and protein quality control. Nature Communications, 2015, 6, 6533.	5.8	80
24	A unique binding mode enables MCM2 to chaperone histones H3 and H4 at replication forks. Nature Structural and Molecular Biology, 2015, 22, 618-626.	3.6	192
25	Two distinct modes for propagation of histone PTMs across the cell cycle. Genes and Development, 2015, 29, 585-590.	2.7	334
26	Nascent chromatin capture proteomics determines chromatin dynamics during DNA replication and identifies unknown fork components. Nature Cell Biology, 2014, 16, 281-291.	4.6	312
27	New histone supply regulates replication fork speed and PCNA unloading. Journal of Cell Biology, 2014, 204, 29-43.	2.3	132
28	Tousled-like kinases phosphorylate Asf1 to promote histone supply during DNA replication. Nature Communications, 2014, 5, 3394.	5.8	54
29	Codanin-1, mutated in the anaemic disease CDAI, regulates Asf1 function in S-phase histone supply. EMBO Journal, 2012, 31, 3229-3239.	3.5	27
30	Cyclin-Dependent Kinase Suppression by WEE1 Kinase Protects the Genome through Control of Replication Initiation and Nucleotide Consumption. Molecular and Cellular Biology, 2012, 32, 4226-4236.	1.1	238
31	H3K56me1 Marks a Spot for PCNA. Molecular Cell, 2012, 46, 1-2.	4.5	29
32	Chromatin replication and epigenome maintenance. Nature Reviews Molecular Cell Biology, 2012, 13, 153-167.	16.1	503
33	Codanin-1, mutated in the anaemic disease CDAI, regulates Asf1 function in S-phase histone supply. EMBO Journal, 2012, 31, 2013-2023.	3.5	66
34	Broken Silence Restored—Remodeling Primes for Deacetylation at Replication Forks. Molecular Cell, 2011, 42, 267-269.	4.5	6
35	Replication stress, a source of epigenetic aberrations in cancer?. BioEssays, 2010, 32, 847-855.	1.2	26
36	Replication Stress Interferes with Histone Recycling and Predeposition Marking of New Histones. Molecular Cell, 2010, 37, 736-743.	4.5	242

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37	Identification of the MMS22L-TONSL Complex that Promotes Homologous Recombination. <i>Molecular Cell</i> , 2010, 40, 632-644.	4.5	100
38	Restoring chromatin after replication: How new and old histone marks come together. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 231-237.	2.3	34
39	Replicating chromatin: a tale of histones This paper is one of a selection of papers published in this Special Issue, entitled CSBMCB's 51st Annual Meeting's "Epigenetics and Chromatin Dynamics", and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2009, 87, 51-63.	0.9	21
40	Replication of Chromatin. , 2009, , 297-315.		0
41	Chromatin Challenges during DNA Replication and Repair. <i>Cell</i> , 2007, 128, 721-733.	13.5	669
42	Regulation of Replication Fork Progression Through Histone Supply and Demand. <i>Science</i> , 2007, 318, 1928-1931.	6.0	407
43	High-density growth arrest in Ras-transformed cells: low Cdk kinase activities in spite of absence of p27 Cdk-complexes. <i>Cellular Signalling</i> , 2005, 17, 1063-1073.	1.7	7
44	Human Asf1 Regulates the Flow of S Phase Histones during Replicational Stress. <i>Molecular Cell</i> , 2005, 17, 301-311.	4.5	241
45	Human Tousled like kinases are targeted by an ATM- and Chk1-dependent DNA damage checkpoint. <i>EMBO Journal</i> , 2003, 22, 1676-1687.	3.5	143
46	Ras-inducible immortalized fibroblasts: focus formation without cell cycle deregulation. <i>Oncogene</i> , 2002, 21, 3058-3067.	2.6	17
47	Regulation of G2/M events by Cdc25A through phosphorylation-dependent modulation of its stability. <i>EMBO Journal</i> , 2002, 21, 5911-5920.	3.5	272
48	Oncogenic Ras induces p19ARF and growth arrest in mouse embryo fibroblasts lacking p21Cip1 and p27Kip1 without activating cyclin D-dependent kinases. <i>Journal of Biological Chemistry</i> , 2000, 275, 27473-80.	1.6	42