Ali Hamiche

List of Publications by Year
in descending order

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60	5,425	126907	133252
papers	citations	33 h-index	59 g-index

62	62	62	6930
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tannin extract from maritime pine bark exhibits anticancer properties by targeting the epigenetic UHRF1/DNMT1 tandem leading to the re-expression of TP73. Food and Function, 2022, 13, 316-326.	4.6	5
2	Dual role of histone variant H3.3B in spermatogenesis: positive regulation of piRNA transcription and implication in X-chromosome inactivation. Nucleic Acids Research, 2022, 50, 7350-7366.	14.5	5
3	CpG Islands Shape the Epigenome Landscape. Journal of Molecular Biology, 2021, 433, 166659.	4.2	16
4	The NANOTUMOR consortium â€“ Towards the Tumor Cell Atlas. Biology of the Cell, 2021, 113, 272-280.	2.0	1
5	Thymoquinone Is a Multitarget Single Epidrug That Inhibits the UHRF1 Protein Complex. Genes, 2021, 12, 622.	2.4	14
6	MeCP2 is a microsatellite binding protein that protects CA repeats from nucleosome invasion. Science, 2021, 372, .	12.6	36
7	TIP60 governs the autoâ€ubiquitination of UHRF1 through USP7 dissociation from the UHRF1/USP7 complex. International Journal of Oncology, 2021, 59, .	3.3	7
8	The Role of Histone Variants in the Epithelial-To-Mesenchymal Transition. Cells, 2020, 9, 2499.	4.1	2
9	Cryo-electron microscopy of the chromatin fiber. Current Opinion in Structural Biology, 2020, 64, 97-103.	5.7	13
10	H2A.Z is dispensable for both basal and activated transcription in post-mitotic mouse muscles. Nucleic Acids Research, 2020, 48, 4601-4613.	14.5	18
11	Phase-plate cryo-EM structure of the Widom 601 CENP-A nucleosome core particle reveals differential flexibility of the DNA ends. Nucleic Acids Research, 2020, 48, 5735-5748.	14.5	27
12	Generation of Remosomes by the SWI/SNF Chromatin Remodeler Family. Scientific Reports, 2019, 9, 14212.	3.3	4
13	CENP-A nucleosome clusters form rosette-like structures around HJURP during G1. Nature Communications, 2019, 10, 4436.	12.8	25
14	Coordinated Dialogue between UHRF1 and DNMT1 to Ensure Faithful Inheritance of Methylated DNA Patterns. Genes, 2019, 10, 65.	2.4	73
15	Centromeric and ectopic assembly of CENP-A chromatin in health and cancer: old marks and new tracks. Nucleic Acids Research, 2019, 47, 1051-1069.	14.5	51
16	3DClusterViSu: 3D clustering analysis of super-resolution microscopy data by 3D Voronoi tessellations. Bioinformatics, 2018, 34, 3004-3012.	4.1	37
17	Identification of Deregulated Signaling Pathways in Jurkat Cells in Response to a Novel Acylspermidine Analogue-N4-Erucoyl Spermidine. Epigenetics Insights, 2018, 11, 251686571881454.	2.0	12
18	Structure of an H1-Bound 6-Nucleosome Array Reveals an Untwisted Two-Start Chromatin Fiber Conformation. Molecular Cell, 2018, 72, 902-915.e7.	9.7	93

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19	Thymoquinone challenges UHRF1 to commit auto-ubiquitination: a key event for apoptosis induction in cancer cells. Oncotarget, 2018, 9, 28599-28611.	1.8	25
20	Histone H3.3 regulates mitotic progression in mouse embryonic fibroblasts. Biochemistry and Cell Biology, 2017, 95, 491-499.	2.0	9
21	Structure and Dynamics of a 197Âbp Nucleosome in Complex with Linker Histone H1. Molecular Cell, 2017, 66, 384-397.e8.	9.7	225
22	The Drosophila DAXX-Like Protein (DLP) Cooperates with ASF1 for H3.3 Deposition and Heterochromatin Formation. Molecular and Cellular Biology, 2017, 37, .	2.3	15
23	Combinatorial DNA methylation codes at repetitive elements. Genome Research, 2017, 27, 934-946.	5.5	44
24	The epigenetic integrator UHRF1: on the road to become a universal biomarker for cancer. Oncotarget, 2017, 8, 51946-51962.	1.8	91
25	The Flexible Ends of CENP-A Nucleosome Are Required for Mitotic Fidelity. Molecular Cell, 2016, 63, 674-685.	9.7	72
26	Molecular basis and specificity of H2A.Zâ€“H2B recognition and deposition by the histone chaperone YL1. Nature Structural and Molecular Biology, 2016, 23, 309-316.	8.2	67
27	FACT Assists Base Excision Repair by Boosting the Remodeling Activity of RSC. PLoS Genetics, 2016, 12, e1006221.	3.5	39
28	Structure and function insights into the NuRD chromatin remodeling complex. Cellular and Molecular Life Sciences, 2015, 72, 2491-2507.	5.4	165
29	Cracking the ANP32 whips: Important functions, unequal requirement, and hints at disease implications. BioEssays, 2014, 36, 1062-1071.	2.5	90
30	ANP32E is a histone chaperone that removes H2A.Z from chromatin. Nature, 2014, 505, 648-653.	27.8	217
31	Epigallocatechin-3-gallate up-regulates tumor suppressor gene expression via a reactive oxygen species-dependent down-regulation of UHRF1. Biochemical and Biophysical Research Communications, 2013, 430, 208-212.	2.1	64
32	Phosphorylation of the CENP-A amino-terminus in mitotic centromeric chromatin is required for kinetochore function. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8579-8584.	7.1	55
33	Cancer cell death and selection: Unexpected putative roles for pRb2/p130, BORIS and CTCF in endoplasmic stress response maintained by the T-antigen. Cell Cycle, 2012, 11, 2052-2052.	2.6	0
34	Chaperoning the histone H3 family. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2012, 1819, 230-237.	1.9	30
35	Argonaute proteins couple chromatin silencing to alternative splicing. Nature Structural and Molecular Biology, 2012, 19, 998-1004.	8.2	245
36	Transcription cofactors TRIM24, TRIM28, and TRIM33 associate to form regulatory complexes that suppress murine hepatocellular carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8212-8217.	7.1	178

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37	The docking domain of histone H2A is required for H1 binding and RSC-mediated nucleosome remodeling. Nucleic Acids Research, 2011, 39, 2559-2570.	14.5	56
38	The structural plasticity of SCA7 domains defines their differential nucleosomeâ€binding properties. EMBO Reports, 2010, 11, 612-618.	4.5	28
39	HJURP binds CENP-A via a highly conserved N-terminal domain and mediates its deposition at centromeres. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1349-1354.	7.1	170
40	The death-associated protein DAXX is a novel histone chaperone involved in the replication-independent deposition of H3.3. Genes and Development, 2010, 24, 1253-1265.	5.9	552
41	Physical and Functional Interaction between Heterochromatin Protein 1Î± and the RNA-binding Protein Heterogeneous Nuclear Ribonucleoprotein U. Journal of Biological Chemistry, 2009, 284, 27974-27979.	3.4	15
42	Histone Deacetylase Inhibitors Promote the Tumoricidal Effect of HAMLET. Cancer Research, 2007, 67, 11327-11334.	0.9	20
43	ATP-Dependent Chromatin Remodeling Is Required for Base Excision Repair in Conventional but Not in Variant H2A.Bbd Nucleosomes. Molecular and Cellular Biology, 2007, 27, 5949-5956.	2.3	103
44	Nucleolin is a histone chaperone with FACT-like activity and assists remodeling of nucleosomes. EMBO Journal, 2006, 25, 1669-1679.	7.8	219
45	Dissection of the unusual structural and functional properties of the variant H2A.Bbd nucleosome. EMBO Journal, 2006, 25, 4234-4244.	7.8	103
46	The histone variant mH2A1.1 interferes with transcription by down-regulating PARP-1 enzymatic activity. Genes and Development, 2006, 20, 3324-3336.	5.9	149
47	The NH 2 Tail of the Novel Histone Variant H2BFWT Exhibits Properties Distinct from Conventional H2B with Respect to the Assembly of Mitotic Chromosomes. Molecular and Cellular Biology, 2006, 26, 1518-1526.	2.3	53
48	Mechanism of Polymerase II Transcription Repression by the Histone Variant macroH2A. Molecular and Cellular Biology, 2006, 26, 1156-1164.	2.3	129
49	SWI/SNF remodeling and p300-dependent transcription of histone variant H2ABbd nucleosomal arrays. EMBO Journal, 2004, 23, 3815-3824.	7.8	66
50	Methods for chromatin assembly and remodeling. Methods, 2004, 33, 12-17.	3.8	7
51	Methods for Analysis of Nucleosome Sliding by Drosophila NURF. Methods in Enzymology, 2003, 377, 353-363.	1.0	6
52	HAMLET Interacts with Histones and Chromatin in Tumor Cell Nuclei. Journal of Biological Chemistry, 2003, 278, 42131-42135.	3.4	106
53	GAL4 directs nucleosome sliding induced by NURF. EMBO Journal, 2002, 21, 1406-1413.	7.8	38
54	Dual Functions of Largest NURF Subunit NURF301 in Nucleosome Sliding and Transcription Factor Interactions. Molecular Cell, 2001, 8, 531-543.	9.7	229

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55	A chromatin remodelling complex involved in transcription and DNA processing. Nature, 2000, 406, 541-544.	27.8	723
56	ATP-Dependent Histone Octamer Sliding Mediated by the Chromatin Remodeling Complex NURF. Cell, 1999, 97, 833-842.	28.9	302
57	The Switch in the Helical Handedness of the Histone (H3-H4)2 Tetramer within a Nucleoprotein Particle Requires a Reorientation of the H3-H3 Interface. Journal of Biological Chemistry, 1998, 273, 9261-9269.	3.4	44
58	Linker Histone-dependent DNA Structure in Linear Mononucleosomes. Journal of Molecular Biology, 1996, 257, 30-42.	4.2	166
59	Octamer displacement and redistribution in transcription of single nucleosomes. Nucleic Acids Research, 1994, 22, 937-945.	14.5	50
60	Chromatin reconstitution on small DNA rings. Journal of Molecular Biology, 1992, 228, 327-337.	4.2	16