Genevieve Almouzni

List of Publications by Year
in descending order

195 papers	21,023 citations	9264 74 h-index	10734 138 g-index
210 all docs	210 docs citations	210 times ranked	16850 citing authors

#	Article	IF	Citations
1	Histone H3.1 and H3.3 Complexes Mediate Nucleosome Assembly Pathways Dependent or Independent of DNA Synthesis. Cell, 2004, 116, 51-61.	28.9	1,151
2	Epigenetic inheritance during the cell cycle. Nature Reviews Molecular Cell Biology, 2009, 10, 192-206.	37.0	707
3	Chromatin Challenges during DNA Replication and Repair. Cell, 2007, 128, 721-733.	28.9	669
4	Higher-order structure in pericentric heterochromatin involves a distinct pattern of histone modification and an RNA component. Nature Genetics, 2002, 30, 329-334.	21.4	621
5	Chromatin dynamics during epigenetic reprogramming in the mouse germ line. Nature, 2008, 452, 877-881.	27.8	611
6	HP1 and the dynamics of heterochromatin maintenance. Nature Reviews Molecular Cell Biology, 2004, 5, 296-305.	37.0	523
7	Mouse centric and pericentric satellite repeats form distinct functional heterochromatin. Journal of Cell Biology, 2004, 166, 493-505.	5.2	435
8	Regulation of Replication Fork Progression Through Histone Supply and Demand. Science, 2007, 318, 1928-1931.	12.6	407
9	HIRA Is Critical for a Nucleosome Assembly Pathway Independent of DNA Synthesis. Molecular Cell, 2002, 9, 1091-1100.	9.7	374
10	PTMs on H3 Variants before Chromatin Assembly Potentiate Their Final Epigenetic State. Molecular Cell, 2006, 24, 309-316.	9.7	361
11	Reversible disruption of pericentric heterochromatin and centromere function by inhibiting deacetylases. Nature Cell Biology, 2001, 3, 114-120.	10.3	340
12	Dynamics of Histone H3 Deposition InÂVivo Reveal a Nucleosome Gap-Filling Mechanism for H3.3 to Maintain Chromatin Integrity. Molecular Cell, 2011, 44, 928-941.	9.7	329
13	Chromatin Assembly Coupled to DNA Repair: A New Role for Chromatin Assembly Factor I. Cell, 1996, 86, 887-896.	28.9	324
14	The double face of the histone variant H3.3. Cell Research, 2011, 21, 421-434.	12.0	324
15	Histone chaperones: an escort network regulating histone traffic. Nature Structural and Molecular Biology, 2007, 14, 997-1007.	8.2	303
16	Prime, Repair, Restore: The Active Role of Chromatin in the DNA Damage Response. Molecular Cell, 2012, 46, 722-734.	9.7	292
17	Combining epigenetic drugs with other therapies for solid tumours â€" past lessons and future promise. Nature Reviews Clinical Oncology, 2020, 17, 91-107.	27.6	283
18	Histone chaperones, a supporting role in the limelight. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2004, 1677, 3-11.	2.4	277

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19	A Strand-Specific Burst in Transcription of Pericentric Satellites Is Required for Chromocenter Formation and Early Mouse Development. Developmental Cell, 2010, 19, 625-638.	7.0	273
20	Human Asf1 and CAFâ€1 interact and synergize in a repairâ€coupled nucleosome assembly pathway. EMBO Reports, 2002, 3, 329-334.	4.5	268
21	A unified phylogeny-based nomenclature for histone variants. Epigenetics and Chromatin, 2012, 5, 7.	3.9	265
22	Histone Chaperones: Assisting Histone Traffic and Nucleosome Dynamics. Annual Review of Biochemistry, 2014, 83, 487-517.	11.1	258
23	The histone chaperone CAF-1 safeguards somatic cell identity. Nature, 2015, 528, 218-224.	27.8	244
24	Transcription Recovery after DNA Damage Requires Chromatin Priming by the H3.3 Histone Chaperone HIRA. Cell, 2013, 155, 94-106.	28.9	243
25	Replication Stress Interferes with Histone Recycling and Predeposition Marking of New Histones. Molecular Cell, 2010, 37, 736-743.	9.7	242
26	Human Asf1 Regulates the Flow of S Phase Histones during Replicational Stress. Molecular Cell, 2005, 17, 301-311.	9.7	241
27	New Histone Incorporation Marks Sites of UV Repair in Human Cells. Cell, 2006, 127, 481-493.	28.9	228
28	Mouse Rif1 is a key regulator of the replication-timing programme in mammalian cells. EMBO Journal, 2012, 31, 3678-3690.	7.8	221
29	Mislocalization of the Centromeric Histone Variant CenH3/CENP-A in Human Cells Depends on the Chaperone DAXX. Molecular Cell, 2014, 53, 631-644.	9.7	214
30	Rapid induction of alternative lengthening of telomeres by depletion of the histone chaperone ASF1. Nature Structural and Molecular Biology, 2014, 21, 167-174.	8.2	207
31	H3.3 is deposited at centromeres in S phase as a placeholder for newly assembled CENP-A in G₁phase. Nucleus, 2011, 2, 146-157.	2.2	204
32	The HP1Î±â€“CAF1â€“SetDB1â€containing complex provides H3K9me1 for Suv39â€mediated K9me3 in pericentric heterochromatin. EMBO Reports, 2009, 10, 769-775.	4.5	201
33	An epigenetic silencing pathway controlling T helper 2 cell lineage commitment. Nature, 2012, 487, 249-253.	27.8	199
34	When repair meets chromatin. EMBO Reports, 2002, 3, 28-33.	4.5	192
35	Duplication and Maintenance of Heterochromatin Domains. Journal of Cell Biology, 1999, 147, 1153-1166.	5.2	191
36	SUMOylation promotes de novo targeting of HP1Î± to pericentric heterochromatin. Nature Genetics, 2011, 43, 220-227.	21.4	191

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37	Chromatin Transitions during Early Xenopus Embryogenesis: Changes in Histone H4 Acetylation and in Linker Histone Type. Developmental Biology, 1993, 160, 214-227.	2.0	190
38	Roadmap for regulation. Nature, 2015, 518, 314-316.	27.8	190
39	The epigenetic control of stemness in CD8 ⁺ T cell fate commitment. Science, 2018, 359, 177-186.	12.6	184
40	HP1Î± recruitment to DNA damage by p150CAF-1 promotes homologous recombination repair. Journal of Cell Biology, 2011, 193, 81-95.	5.2	173
41	Recruitment of Phosphorylated Chromatin Assembly Factor 1 to Chromatin after UV Irradiation of Human Cells. Journal of Cell Biology, 1998, 143, 563-575.	5.2	171
42	Chromatin and DNA Replication. Cold Spring Harbor Perspectives in Biology, 2013, 5, a010207-a010207.	5.5	162
43	A CAF-1 dependent pool of HP1 during heterochromatin duplication. EMBO Journal, 2004, 23, 3516-3526.	7.8	159
44	Marking histone H3 variants: How, when and why?. Trends in Biochemical Sciences, 2007, 32, 425-433.	7.5	155
45	Chromatin plasticity: A versatile landscape that underlies cell fate and identity. Science, 2018, 361, 1332-1336.	12.6	152
46	Local action of the chromatin assembly factor CAF-1 at sites of nucleotide excision repair in vivo. EMBO Journal, 2003, 22, 5163-5174.	7.8	149
47	CAF-1 Is Essential for Heterochromatin Organization in Pluripotent Embryonic Cells. PLoS Genetics, 2006, 2, e181.	3.5	149
48	Structural differences in centromeric heterochromatin are spatially reconciled on fertilisation in the mouse zygote. Chromosoma, 2007, 116, 403-415.	2.2	143
49	The ins and outs of nucleosome assembly. Current Opinion in Genetics and Development, 2001, 11, 136-141.	3.3	137
50	A Specific Function for the Histone Chaperone NASP to Fine-Tune a Reservoir of Soluble H3-H4 in the Histone Supply Chain. Molecular Cell, 2011, 44, 918-927.	9.7	137
51	Asf1b, the necessary Asf1 isoform for proliferation, is predictive of outcome in breast cancer. EMBO Journal, 2011, 30, 480-493.	7.8	137
52	Making copies of chromatin: the challenge of nucleosomal organization and epigenetic information. Trends in Cell Biology, 2009, 19, 29-41.	7.9	135
53	Histone Acetylation Influences both Gene Expression and Development of Xenopus laevis. Developmental Biology, 1994, 165, 654-669.	2.0	130
54	Chromatin assembly: a basic recipe with various flavours. Current Opinion in Genetics and Development, 2006, 16, 104-111.	3.3	130

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55	Maintenance of Epigenetic Information. Cold Spring Harbor Perspectives in Biology, 2016, 8, a019372.	5.5	129
56	The HP1â€“p150/CAF-1 interaction is required for pericentric heterochromatin replication and S-phase progression in mouse cells. Nature Structural and Molecular Biology, 2008, 15, 972-979.	8.2	127
57	Placing the HIRA Histone Chaperone Complex in the Chromatin Landscape. Cell Reports, 2013, 3, 1012-1019.	6.4	116
58	Nuclear Assembly, Structure, and Function: The Use of Xenopus in Vitro Systems. Experimental Cell Research, 1993, 205, 1-15.	2.6	115
59	Heterochromatin establishment in the context of genome-wide epigenetic reprogramming. Trends in Genetics, 2011, 27, 177-185.	6.7	114
60	TFIIIC relieves repression of U6 snRNA transcription by chromatin. Nature, 1993, 362, 475-477.	27.8	110
61	Chromatin assembly on replicating DNAin vitro. Nucleic Acids Research, 1990, 18, 5767-5774.	14.5	109
62	The effects of histone deacetylase inhibitors on heterochromatin: implications for anticancer therapy?. EMBO Reports, 2005, 6, 520-524.	4.5	109
63	Chromatin dynamics after DNA damage: The legacy of the accessâ€“repairâ€“restore model. DNA Repair, 2015, 36, 114-121.	2.8	109
64	Structural insight into how the human helicase subunit MCM2 may act as a histone chaperone together with ASF1 at the replication fork. Nucleic Acids Research, 2015, 43, 1905-1917.	14.5	108
65	LifeTime and improving European healthcare through cell-based interceptive medicine. Nature, 2020, 587, 377-386.	27.8	108
66	Histone H3 Variants and Their Chaperones During Development and Disease: Contributing to Epigenetic Control. Annual Review of Cell and Developmental Biology, 2014, 30, 615-646.	9.4	107
67	Developmental roles of histone H3 variants and their chaperones. Trends in Genetics, 2013, 29, 630-640.	6.7	104
68	Sequential Establishment of Marks on Soluble Histones H3 and H4. Journal of Biological Chemistry, 2011, 286, 17714-17721.	3.4	100
69	<i>Xenopus</i> HJURP and condensin II are required for CENP-A assembly. Journal of Cell Biology, 2011, 192, 569-582.	5.2	98
70	Pericentric heterochromatin: dynamic organization during early development in mammals. Differentiation, 2008, 76, 15-23.	1.9	95
71	HIRA dependent H3.3 deposition is required for transcriptional reprogramming following nuclear transfer to Xenopus oocytes. Epigenetics and Chromatin, 2012, 5, 17.	3.9	93
72	POLE3-POLE4 Is a Histone H3-H4 Chaperone that Maintains Chromatin Integrity during DNA Replication. Molecular Cell, 2018, 72, 112-126.e5.	9.7	87

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73	A Developmental Requirement for HIRA-Dependent H3.3 Deposition Revealed at Gastrulation in Xenopus. Cell Reports, 2012, 1, 730-740.	6.4	86
74	Heterochromatin Reorganization during Early Mouse Development Requires a Single-Stranded Noncoding Transcript. Cell Reports, 2013, 4, 1156-1167.	6.4	86
75	Chromatin dynamics during the cell cycle at centromeres. Nature Reviews Genetics, 2017, 18, 192-208.	16.3	85
76	Chromatin Assembly Factor-1, a Marker of Clinical Value to Distinguish Quiescent from Proliferating Cells. Cancer Research, 2004, 64, 2371-2381.	0.9	83
77	Heterochromatin maintenance and establishment: Lessons from the mouse pericentromere. Nucleus, 2011, 2, 332-338.	2.2	81
78	HJURP Involvement in De Novo CenH3CENP-A and CENP-C Recruitment. Cell Reports, 2015, 11, 22-32.	6.4	80
79	The replication kinase Cdc7â€Dbf4 promotes the interaction of the p150 subunit of chromatin assembly factor 1 with proliferating cell nuclear antigen. EMBO Reports, 2006, 7, 817-823.	4.5	77
80	Histone lysine methylation and chromatin replication. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 1433-1439.	1.9	74
81	The histone chaperone HJURP is a new independent prognostic marker for luminal A breast carcinoma. Molecular Oncology, 2015, 9, 657-674.	4.6	74
82	High-resolution visualization of H3 variants during replication reveals their controlled recycling. Nature Communications, 2018, 9, 3181.	12.8	74
83	Presence of Pre-rRNAs before Activation of Polymerase I Transcription in the Building Process of Nucleoli during Early Development of Xenopus laevis. Journal of Cell Biology, 1998, 142, 1167-1180.	5.2	70
84	Phosphorylation and DNA Binding of HJURP Determine Its Centromeric Recruitment and Function in CenH3CENP-A Loading. Cell Reports, 2014, 8, 190-203.	6.4	70
85	Histone supply: Multitiered regulation ensures chromatin dynamics throughout the cell cycle. Journal of Cell Biology, 2019, 218, 39-54.	5.2	69
86	Interplay between mismatch repair and chromatin assembly. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 1895-1900.	7.1	68
87	Codanin-1, mutated in the anaemic disease CDAI, regulates Asf1 function in S-phase histone supply. EMBO Journal, 2012, 31, 2013-2023.	7.8	66
88	PBRM1 Deficiency Confers Synthetic Lethality to DNA Repair Inhibitors in Cancer. Cancer Research, 2021, 81, 2888-2902.	0.9	66
89	Heterochromatin protein 1Î±: a hallmark of cell proliferation relevant to clinical oncology. EMBO Molecular Medicine, 2009, 1, 178-191.	6.9	65
90	Crystal structure and stable property of the cancer-associated heterotypic nucleosome containing CENP-A and H3.3. Scientific Reports, 2014, 4, 7115.	3.3	64

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91	The SUMO protease SENP7 is a critical component to ensure HP1 enrichment at pericentric heterochromatin. Nature Structural and Molecular Biology, 2012, 19, 458-460.	8.2	63
92	Hormone activation induces nucleosome positioning in vivo. EMBO Journal, 2000, 19, 1023-1033.	7.8	62
93	Repairing DNA damage in chromatin. Biochimie, 2003, 85, 1133-1147.	2.6	60
94	Subfunctionalization via Adaptive Evolution Influenced by Genomic Context: The Case of Histone Chaperones ASF1a and ASF1b. Molecular Biology and Evolution, 2013, 30, 1853-1866.	8.9	60
95	The Ribosomal RNA Processing Machinery Is Recruited to the Nucleolar Domain before RNA Polymerase I during Xenopus laevis Development. Journal of Cell Biology, 2000, 149, 293-306.	5.2	54
96	Interplay between chromatin and cell cycle checkpoints in the context of ATR/ATM-dependent checkpoints. DNA Repair, 2004, 3, 969-978.	2.8	54
97	Assembly of telomeric chromatin to create ALTernative endings. Trends in Cell Biology, 2014, 24, 675-685.	7.9	54
98	Real-Time Tracking of Parental Histones Reveals Their Contribution to Chromatin Integrity Following DNA Damage. Molecular Cell, 2016, 64, 65-78.	9.7	54
99	Essential role for centromeric factors following p53 loss and oncogenic transformation. Genes and Development, 2017, 31, 463-480.	5.9	54
100	Methylation of histone H3 lysine 9 occurs during translation. Nucleic Acids Research, 2015, 43, 9097-9106.	14.5	52
101	Genome-wide Control of Heterochromatin Replication by the Telomere Capping Protein TRF2. Molecular Cell, 2018, 70, 449-461.e5.	9.7	52
102	Differential contribution of HP1 proteins to DNA end resection and homology-directed repair. Cell Cycle, 2013, 12, 422-429.	2.6	49
103	Two HIRA-dependent pathways mediate H3.3 de novo deposition and recycling during transcription. Nature Structural and Molecular Biology, 2020, 27, 1057-1068.	8.2	48
104	Challenges and guidelines toward 4D nucleome data and model standards. Nature Genetics, 2018, 50, 1352-1358.	21.4	47
105	Insights into the molecular architecture and histone H3-H4 deposition mechanism of yeast Chromatin assembly factor 1. ELife, 2017, 6, .	6.0	47
106	Nucleosome Dynamics as Modular Systems that Integrate DNA Damage and Repair. Cold Spring Harbor Perspectives in Biology, 2013, 5, a012658-a012658.	5.5	46
107	A network of players in H3 histone variant deposition and maintenance at centromeres. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 241-250.	1.9	46
108	Histone metabolic pathways and chromatin assembly factors as proliferation markers. Cancer Letters, 2005, 220, 1-9.	7.2	45

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109	Clinical significance and prognostic value of chromatin assembly factorâ€1 overexpression in human solid tumours. Histopathology, 2010, 57, 716-724.	2.9	45
110	The CENP-T/-W complex is a binding partner of the histone chaperone FACT. Genes and Development, 2016, 30, 1313-1326.	5.9	45
111	HP1Î± guides neuronal fate by timing E2F-targeted genes silencing during terminal differentiation. EMBO Journal, 2007, 26, 3616-3628.	7.8	44
112	Pericentric heterochromatin state during the cell cycle controls the histone variant composition of centromeres. Journal of Cell Science, 2014, 127, 3347-59.	2.0	44
113	Dynamics of Asymmetric and Symmetric Divisions of Muscle Stem Cells InÂVivo and on Artificial Niches. Cell Reports, 2020, 30, 3195-3206.e7.	6.4	42
114	Histone modifications and a choice of variant: a language that helps the genome express itself. F1000prime Reports, 2014, 6, 76.	5.9	42
115	Functional activity of the H3.3 histone chaperone complex HIRA requires trimerization of the HIRA subunit. Nature Communications, 2018, 9, 3103.	12.8	41
116	The SENP7 SUMO-Protease Presents a Module of Two HP1 Interaction Motifs that Locks HP1 Protein at Pericentric Heterochromatin. Cell Reports, 2015, 10, 771-782.	6.4	40
117	MCM2 binding to histones H3â€“H4 and ASF1 supports a tetramer-to-dimer model for histone inheritance at the replication fork. Nature Structural and Molecular Biology, 2015, 22, 587-589.	8.2	39
118	Histone variant H3.3 residue S31 is essential for Xenopus gastrulation regardless of the deposition pathway. Nature Communications, 2020, 11, 1256.	12.8	38
119	Establishment of a replication fork barrier following induction of DNA binding in mammalian cells. Cell Cycle, 2014, 13, 1607-1616.	2.6	36
120	Chromatin rearrangements during nucleotide excision repair. Biochimie, 1999, 81, 45-52.	2.6	33
121	Bromodomains in living cells participate in deciphering the histone code. Trends in Cell Biology, 2004, 14, 279-281.	7.9	33
122	Nucleosome dynamics and histone variants. Essays in Biochemistry, 2010, 48, 75-87.	4.7	33
123	Cell cycle dynamics of histone variants at the centromere, a model for chromosomal landmarks. Current Opinion in Cell Biology, 2011, 23, 266-276.	5.4	33
124	Compaction Kinetics on Single DNAs: Purified Nucleosome Reconstitution Systems versus Crude Extract. Biophysical Journal, 2005, 89, 3647-3659.	0.5	32
125	The histone chaperone Asf1 is dispensable for direct de novo histone deposition in Xenopus egg extracts. Chromosoma, 2007, 116, 487-496.	2.2	32
126	KAP1 facilitates reinstatement of heterochromatin after DNA replication. Nucleic Acids Research, 2018, 46, 8788-8802.	14.5	32

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127	CAF-1 is required for efficient replication of euchromatic DNA in Drosophila larval endocycling cells. Chromosoma, 2009, 118, 235-248.	2.2	31
128	Xenopus HJURP and condensin II are required for CENP-A assembly. Journal of Cell Biology, 2011, 192, 899-899.	5.2	31
129	The survival gene MED4 explains low penetrance retinoblastoma in patients with large RB1 deletion. Human Molecular Genetics, 2014, 23, 5243-5250.	2.9	31
130	The Heat Shock Response in Xenopus Oocytes, Embryos, and Somatic Cells: A Regulatory Role for Chromatin. Developmental Biology, 1995, 170, 62-74.	2.0	28
131	Codanin-1, mutated in the anaemic disease CDAI, regulates Asf1 function in S-phase histone supply. EMBO Journal, 2012, 31, 3229-3229.	7.8	27
132	The methyltransferase Suv39h1 links the SUMO pathway to HP1Î± marking at pericentric heterochromatin. Nature Communications, 2016, 7, 12224.	12.8	27
133	The histone chaperone CAF-1 cooperates with the DNA methyltransferases to maintain <i>Cd4</i> silencing in cytotoxic T cells. Genes and Development, 2019, 33, 669-683.	5.9	27
134	Regulation of ALT-associated homology-directed repair by polyADP-ribosylation. Nature Structural and Molecular Biology, 2020, 27, 1152-1164.	8.2	27
135	A histone code for the DNA damage response in mammalian cells?. EMBO Journal, 2009, 28, 1828-1830.	7.8	26
136	The Histone H3 Family and Its Deposition Pathways. Advances in Experimental Medicine and Biology, 2021, 1283, 17-42.	1.6	26
137	Relationship between genome and epigenome - challenges and requirements for future research. BMC Genomics, 2014, 15, 487.	2.8	24
138	Centromere Dysfunction Compromises Mitotic Spindle Pole Integrity. Current Biology, 2019, 29, 3072-3080.e5.	3.9	23
139	CENP-A overexpression promotes distinct fates in human cells, depending on p53 status. Communications Biology, 2021, 4, 417.	4.4	23
140	PP32 and SET/TAF-IÎ² proteins regulate the acetylation of newly synthesized histone H4. Nucleic Acids Research, 2017, 45, 11700-11710.	14.5	21
141	DNA Synthesis-Dependent and -Independent Chromatin Assembly Pathways in Xenopus Egg Extracts. Methods in Enzymology, 2003, 375, 117-131.	1.0	19
142	Shaping Chromatin in the Nucleus: The Bricks and the Architects. Cold Spring Harbor Symposia on Quantitative Biology, 2017, 82, 1-14.	1.1	19
143	Chromatin Regulators as a Guide for Cancer Treatment Choice. Molecular Cancer Therapeutics, 2016, 15, 1768-1777.	4.1	18
144	H3â€“H4 histone chaperones and cancer. Current Opinion in Genetics and Development, 2022, 73, 101900.	3.3	17

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145	Methods for Studying Chromatin Assembly Coupled to DNA Repair. Methods in Enzymology, 2006, 409, 358-374.	1.0	15
146	Maintenance of Nucleolar Machineries and pre-rRNAs in Remnant Nucleolus of Erythrocyte Nuclei and Remodeling in Xenopus Egg Extracts. Experimental Cell Research, 2001, 269, 23-34.	2.6	13
147	DNA Damage Leaves its Mark on Chromatin. Cell Cycle, 2007, 6, 2355-2359.	2.6	13
148	Tumor aromatase expression as a prognostic factor for local control in young breast cancer patients after breast-conserving treatment. Breast Cancer Research, 2009, 11, R54.	5.0	13
149	Mixing or Not Mixing. Science, 2010, 328, 56-57.	12.6	12
150	HIRA-dependent boundaries between H3 variants shape early replication in mammals. Molecular Cell, 2022, 82, 1909-1923.e5.	9.7	12
151	Nucleotide Excision Repair Coupled to Chromatin Assembly. , 1999, 119, 231-244.		11
152	Design on a Rational Basis of High-Affinity Peptides Inhibiting the Histone Chaperone ASF1. Cell Chemical Biology, 2019, 26, 1573-1585.e10.	5.2	11
153	CD8+T cell responsiveness to anti-PD-1 is epigenetically regulated by Suv39h1 in melanomas. Nature Communications, 2022, 13, .	12.8	11
154	Isolation of a potentially functional Y-box protein (MSY-1) processed pseudogene from mouse: evolutionary relationships within the EFIA/dbpB/YB-1 gene family. Gene, 1994, 141, 255-259.	2.2	10
155	Tetracycline-Regulated Gene Expression Switch in Xenopus laevis. Experimental Cell Research, 2000, 256, 392-399.	2.6	10
156	Tetratricopeptide repeat domain 7A is a nuclear factor that modulates transcription and chromatin structure. Cell Discovery, 2018, 4, 61.	6.7	10
157	JMJD1B, a novel player in histone H3 and H4 processing to ensure genome stability. Epigenetics and Chromatin, 2020, 13, 6.	3.9	10
158	CENP-A Subnuclear Localization Pattern as Marker Predicting Curability by Chemoradiation Therapy for Locally Advanced Head and Neck Cancer Patients. Cancers, 2021, 13, 3928.	3.7	10
159	Characterization of chromatin domains by 3D fluorescence microscopy: An automated methodology for quantitative analysis and nuclei screening. BioEssays, 2012, 34, 509-517.	2.5	9
160	How to restore chromatin structure and function in response to <scp>DNA</scp> damage â€" let the chaperones play. FEBS Journal, 2014, 281, 2315-2323.	4.7	9
161	Functional Characterization of Histone Chaperones Using SNAP-Tag-Based Imaging to Assess De Novo Histone Deposition. Methods in Enzymology, 2016, 573, 97-117.	1.0	9
162	CENP-A Regulation and Cancer. Frontiers in Cell and Developmental Biology, 2022, 10, .	3.7	9

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163	Analysis of DNA Repair and Chromatin Assembly In Vitro Using Immobilized Damaged DNA Substrates. , 2004, 281, 271-282.		8
164	HIRA Supports Hepatitis B Virus Minichromosome Establishment and Transcriptional Activity in Infected Hepatocytes. Cellular and Molecular Gastroenterology and Hepatology, 2022, 14, 527-551.	4.5	7
165	Analysis of DNA Repair and Chromatin Assembly In Vitro Using Immobilized Damaged DNA Substrates. Methods in Molecular Biology, 2006, 314, 477-487.	0.9	6
166	Epigenetic memory: H3.3 steps in the groove. Nature Cell Biology, 2008, 10, 7-9.	10.3	6
167	Imaging Newly Synthesized and Old Histone Variant Dynamics Dependent on Chaperones Using the SNAP-Tag System. Methods in Molecular Biology, 2018, 1832, 207-221.	0.9	6
168	Transcription-coupled H3.3 recycling: A link with chromatin states. Seminars in Cell and Developmental Biology, 2023, 135, 13-23.	5.0	6
169	Assays for chromatin remodeling during DNA repair. Methods in Enzymology, 1999, 304, 333-351.	1.0	5
170	Rad53. Cell, 2003, 115, 508-510.	28.9	5
171	Suv39h1 links the SUMO pathway to constitutive heterochromatin. Molecular and Cellular Oncology, 2016, 3, e1225546.	0.7	4
172	Proto-oncogenes and embryonic development. Biochimie, 1988, 70, 895-899.	2.6	3
173	Transcription Recovery after DNA Damage Requires Chromatin Priming by the H3.3 Histone Chaperone HIRA. Cell, 2013, 155, 963.	28.9	3
174	Epigenomics in the single cell era, an important read out for genome function and cell identity. Epigenomics, 2021, 13, 981-984.	2.1	3
175	The origin replication complex (ORC): The stone that kills two birds. BioEssays, 1994, 16, 233-235.	2.5	2
176	In Vitro Techniques. , 2006, , 201-378.		2
177	GENETICS: More Means of Regulating Genes. Science, 2007, 316, 1126-1127.	12.6	2
178	How to duplicate a DNA package. Nature, 2012, 483, 412-413.	27.8	2
179	The Epigenome and Cancer Stem Cell Fate: Connected by a Linker Histone Variant. Cell Stem Cell, 2016, 19, 567-568.	11.1	2
180	Dynamic Histone H3 Incorporation Fuels Metastatic Progression. Trends in Molecular Medicine, 2019, 25, 933-935.	6.7	2

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181	Chromatin Assembly of DNA Templates Microinjected Into Xenopus Oocytes. Methods in Molecular Biology, 2006, 322, 139-147.	0.9	2
182	Abstract 1058: Targeting chromatin remodeling-associated genetic vulnerabilities in cancer: PBRM1 defects are synthetic lethal with PARP and ATR inhibitors. , 2020, , .		2
183	Oligonucleotide site-directed mutagenesis in Xenopus egg extracts. Nucleic Acids Research, 1988, 16, 8525-8539.	14.5	1
184	Genome architecture and expression. Current Opinion in Genetics and Development, 2013, 23, 79-80.	3.3	1
185	Developmental Roles of Histone H3 Variants and Their Chaperones. , 2016, , 385-419.		1
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