

Michael Bustin

List of Publications by Year in descending order

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212
papers

13,626
citations

26630

56
h-index

26613

107
g-index

215
all docs

215
docs citations

215
times ranked

9867
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of DNA-Dependent Activities by the Functional Motifs of the High-Mobility-Group Chromosomal Proteins. <i>Molecular and Cellular Biology</i> , 1999, 19, 5237-5246.	2.3	780
2	Inflammation-promoting activity of HMGB1 on human microvascular endothelial cells. <i>Blood</i> , 2003, 101, 2652-2660.	1.4	675
3	High-Mobility-Group Chromosomal Proteins: Architectural Components That Facilitate Chromatin Function. <i>Progress in Molecular Biology and Translational Science</i> , 1996, 54, 35-100b.	1.9	673
4	Dynamic binding of histone H1 to chromatin in living cells. <i>Nature</i> , 2000, 408, 877-881.	27.8	570
5	Structural features of the HMG chromosomal proteins and their genes. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1990, 1049, 231-243.	2.4	440
6	Global Nature of Dynamic Protein-Chromatin Interactions In Vivo: Three-Dimensional Genome Scanning and Dynamic Interaction Networks of Chromatin Proteins. <i>Molecular and Cellular Biology</i> , 2004, 24, 6393-6402.	2.3	420
7	Revised nomenclature for high mobility group (HMG) chromosomal proteins. <i>Trends in Biochemical Sciences</i> , 2001, 26, 152-153.	7.5	349
8	The role of DNA methylation in setting up chromatin structure during development. <i>Nature Genetics</i> , 2003, 34, 187-192.	21.4	337
9	High mobility group box-1 protein induces the migration and activation of human dendritic cells and acts as an alarmin. <i>Journal of Leukocyte Biology</i> , 2007, 81, 59-66.	3.3	336
10	HMG chromosomal proteins in development and disease. <i>Trends in Cell Biology</i> , 2007, 17, 72-79.	7.9	298
11	A signature for the HMG box DNA-binding proteins. <i>BioEssays</i> , 1993, 15, 539-546.	2.5	265
12	Network of Dynamic Interactions between Histone H1 and High-Mobility-Group Proteins in Chromatin. <i>Molecular and Cellular Biology</i> , 2004, 24, 4321-4328.	2.3	239
13	The transcriptionally-active MMTV promoter is depleted of histone H1. <i>Nucleic Acids Research</i> , 1992, 20, 273-278.	14.5	222
14	The Dynamics of Histone H1 Function in Chromatin. <i>Molecular Cell</i> , 2005, 17, 617-620.	9.7	208
15	Chromatin unfolding and activation by HMGN**The nomenclature of the HMG protein superfamily has been recently revised (see Ref. 12 and Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182 Td (http://www.informatics.jax.org/mgihome/167) proteins. <i>Trends in Biochemical Sciences</i> , 2001, 26, 431-437.	7.5	167
16	Architecture of the high mobility group nucleosomal protein 2-nucleosome complex as revealed by methyl-based NMR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12283-12288.	7.1	155
17	Determinants of histone H1 mobility and chromatin binding in living cells. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 305-310.	8.2	147
18	High-mobility group nucleosome-binding protein 1 acts as an alarmin and is critical for lipopolysaccharide-induced immune responses. <i>Journal of Experimental Medicine</i> , 2012, 209, 157-171.	8.5	130

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19	Chromosomal protein HMGN1 enhances the rate of DNA repair in chromatin. <i>EMBO Journal</i> , 2003, 22, 1665-1675.	7.8	129
20	Antibodies against chromosomal HMG proteins stain the cytoplasm of mammalian cells. <i>Cell</i> , 1979, 16, 181-189.	28.9	127
21	Histone modifications and lamin A regulate chromatin protein dynamics in early embryonic stem cell differentiation. <i>Nature Communications</i> , 2012, 3, 910.	12.8	127
22	Competition between histone H1 and HMGN proteins for chromatin binding sites. <i>EMBO Reports</i> , 2002, 3, 760-766.	4.5	125
23	V(D)J Recombination: Modulation of RAG1 and RAG2 Cleavage Activity on 12/23 Substrates by Whole Cell Extract and DNA-bending Proteins. <i>Journal of Experimental Medicine</i> , 1997, 185, 2025-2032.	8.5	124
24	Activation of ATM depends on chromatin interactions occurring before induction of DNA damage. <i>Nature Cell Biology</i> , 2009, 11, 92-96.	10.3	123
25	Chromosomal Protein HMGN1 Modulates Histone H3 Phosphorylation. <i>Molecular Cell</i> , 2004, 15, 573-584.	9.7	117
26	Triplification of a 21q22 region contributes to B cell transformation through HMGN1 overexpression and loss of histone H3 Lys27 trimethylation. <i>Nature Genetics</i> , 2014, 46, 618-623.	21.4	117
27	Chromatin decompaction by the nucleosomal binding protein HMGN5 impairs nuclear sturdiness. <i>Nature Communications</i> , 2015, 6, 6138.	12.8	115
28	Efficient cell migration requires global chromatin condensation. <i>Journal of Cell Science</i> , 2010, 123, 2207-2217.	2.0	114
29	Bisection of a Lysine-rich Histone by N-Bromosuccinimide. <i>Journal of Biological Chemistry</i> , 1969, 244, 5291-5294.	3.4	96
30	The Interaction of NSBP1/HMGN5 with Nucleosomes in Euchromatin Counteracts Linker Histone-Mediated Chromatin Compaction and Modulates Transcription. <i>Molecular Cell</i> , 2009, 35, 642-656.	9.7	93
31	Nongenetic functions of the genome. <i>Science</i> , 2016, 352, aad6933.	12.6	92
32	Exposure of histone antigenic determinants in chromatin. <i>Biochemistry</i> , 1975, 14, 1689-1695.	2.5	89
33	The dynamics of HMG protein-chromatin interactions in living cells This paper is one of a selection of papers published in this Special Issue, entitled CSBMCB's 51st Annual Meeting "Epigenetics and Chromatin Dynamics", and has undergone the Journal's usual peer review process. <i>Biochemistry and Cell Biology</i> , 2009, 87, 127-137.	2.0	89
34	Hierarchy of binding sites for chromosomal proteins HMG 1 and 2 in supercoiled deoxyribonucleic acid. <i>Biochemistry</i> , 1985, 24, 1428-1433.	2.5	88
35	Dynamic interaction of HMGA1a proteins with chromatin. <i>Journal of Cell Science</i> , 2004, 117, 3459-3471.	2.0	88
36	Chromosomal protein HMGN1 enhances the acetylation of lysine 14 in histone H3. <i>EMBO Journal</i> , 2005, 24, 3038-3048.	7.8	88

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37	Specific Acetylation of Chromosomal Protein HMG-17 by PCAF Alters Its Interaction with Nucleosomes. <i>Molecular and Cellular Biology</i> , 1999, 19, 3466-3473.	2.3	85
38	Transcription Factor FoxA (HNF3) on a Nucleosome at an Enhancer Complex in Liver Chromatin. <i>Journal of Biological Chemistry</i> , 2001, 276, 44385-44389.	3.4	80
39	The role of chromatin structure in cell migration. <i>Trends in Cell Biology</i> , 2011, 21, 6-11.	7.9	79
40	A Study of the Multiplicity of Lysine-rich Histones. <i>Journal of Biological Chemistry</i> , 1969, 244, 5286-5290.	3.4	76
41	Regulation of chromatin structure and function By HMGN proteins. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 62-68.	1.9	75
42	A survey of H10- and H5-like protein structure and distribution in higher and lower eukaryotes. <i>FEBS Journal</i> , 1984, 138, 309-317.	0.2	74
43	Histone H1 Is a Specific Repressor of Core Histone Acetylation in Chromatin. <i>Molecular and Cellular Biology</i> , 2000, 20, 523-529.	2.3	72
44	Increased Tumorigenicity and Sensitivity to Ionizing Radiation upon Loss of Chromosomal Protein HMGN1. <i>Cancer Research</i> , 2005, 65, 6711-6718.	0.9	71
45	Nucleosome core binding region of chromosomal protein HMG-17 acts as an independent functional domain. <i>Journal of Molecular Biology</i> , 1992, 228, 442-449.	4.2	68
46	The Footprint of Chromosomal Proteins HMG-14 and HMG-17 on Chromatin Subunits. <i>Journal of Molecular Biology</i> , 1994, 236, 189-198.	4.2	68
47	Mitotic Phosphorylation Prevents the Binding of HMGN Proteins to Chromatin. <i>Molecular and Cellular Biology</i> , 2001, 21, 5169-5178.	2.3	68
48	HMGN1 Modulates Nucleosome Occupancy and DNase I Hypersensitivity at the CpG Island Promoters of Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2013, 33, 3377-3389.	2.3	68
49	High-Mobility Group (HMG) Protein HMG-1 and TATA-Binding Protein-Associated Factor TAF ₃₀ Affect Estrogen Receptor-Mediated Transcriptional Activation. <i>Molecular Endocrinology</i> , 1997, 11, 1009-1019.	3.7	66
50	Gene network reconstruction reveals cell cycle and antiviral genes as major drivers of cervical cancer. <i>Nature Communications</i> , 2013, 4, 1806.	12.8	65
51	Chromatin structure visualization by immunoelectron microscopy. <i>Cell</i> , 1976, 7, 297-304.	28.9	63
52	HMGN5/NSBP1: A new member of the HMGN protein family that affects chromatin structure and function. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 86-92.	1.9	63
53	ADHFE1 is a breast cancer oncogene and induces metabolic reprogramming. <i>Journal of Clinical Investigation</i> , 2017, 128, 323-340.	8.2	63
54	Regions of High and Low Cationic Charge in a Lysine-rich Histone. <i>Journal of Biological Chemistry</i> , 1970, 245, 1458-1466.	3.4	63

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55	Dynamic equilibrium in histone assembly. Self-assembly of single histones and histone pairs. <i>Biochemistry</i> , 1975, 14, 3322-3331.	2.5	62
56	Down-Regulation of Nucleosomal Binding Protein HMGN1 Expression during Embryogenesis Modulates Sox9 Expression in Chondrocytes. <i>Molecular and Cellular Biology</i> , 2006, 26, 592-604.	2.3	61
57	Acetylation of Novel Sites in the Nucleosomal Binding Domain of Chromosomal Protein HMG-14 by p300 Alters Its Interaction with Nucleosomes. <i>Journal of Biological Chemistry</i> , 2000, 275, 11514-11520.	3.4	60
58	Homodimers of Chromosomal Proteins HMG-14 and HMG-17 in Nucleosome Cores. <i>Journal of Molecular Biology</i> , 1995, 252, 423-432.	4.2	57
59	The Histone Acetyltransferase Activity of Human GCN5 and PCAF Is Stabilized by Coenzymes. <i>Journal of Biological Chemistry</i> , 1997, 272, 27253-27258.	3.4	57
60	Clusters of nucleosomes containing chromosomal protein HMG-17 in chromatin. <i>Journal of Molecular Biology</i> , 1997, 274, 454-465.	4.2	56
61	The Alarmin HMGN1 Contributes to Antitumor Immunity and Is a Potent Immunoadjuvant. <i>Cancer Research</i> , 2014, 74, 5989-5998.	0.9	56
62	Immunochemical Specificity in Lysine-rich Histone Subfractions. <i>Journal of Biological Chemistry</i> , 1972, 247, 5716-5721.	3.4	56
63	Dynamic relocation of chromosomal protein HMG-17 in the nucleus is dependent on transcriptional activity. <i>EMBO Journal</i> , 1998, 17, 6992-7001.	7.8	54
64	Histone composition of chromatin subunits studied by immunosedimentation. <i>Biochemistry</i> , 1976, 15, 4305-4312.	2.5	53
65	Chromosomal Proteins HMG-14 and HMG-17 Are Released from Mitotic Chromosomes and Imported into the Nucleus by Active Transport. <i>Journal of Cell Biology</i> , 1998, 143, 1427-1436.	5.2	53
66	At the Crossroads of Necrosis and Apoptosis: Signaling to Multiple Cellular Targets by HMGB1. <i>Science Signaling</i> , 2002, 2002, pe39-pe39.	3.6	53
67	Functional interplay between histone H1 and HMG proteins in chromatin. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 462-467.	1.9	53
68	Stimulation of Replication Efficiency of a Chromatin Template by Chromosomal Protein HMG-17. <i>Journal of Biological Chemistry</i> , 1998, 273, 9409-9414.	3.4	52
69	Trisomy of a Down Syndrome Critical Region Globally Amplifies Transcription via HMGN1 Overexpression. <i>Cell Reports</i> , 2018, 25, 1898-1911.e5.	6.4	52
70	NBP-45, a Novel Nucleosomal Binding Protein with a Tissue-specific and Developmentally Regulated Expression. <i>Journal of Biological Chemistry</i> , 2000, 275, 6368-6374.	3.4	51
71	Immunofractionation of DNA sequences associated with HMG-17 in chromatin. <i>Experimental Cell Research</i> , 1986, 166, 486-496.	2.6	50
72	UV-induced histone H2AX phosphorylation and DNA damage related proteins accumulate and persist in nucleotide excision repair-deficient XP-B cells. <i>DNA Repair</i> , 2011, 10, 5-15.	2.8	50

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73	HMGN1 and 2 remodel core and linker histone tail domains within chromatin. <i>Nucleic Acids Research</i> , 2017, 45, 9917-9930.	14.5	50
74	High-Mobility Group Proteins 14 and 17 Maintain the Timing of Early Embryonic Development in the Mouse. <i>Developmental Biology</i> , 2001, 229, 237-249.	2.0	49
75	Migration Cues Induce Chromatin Alterations. <i>Traffic</i> , 2007, 8, 1521-1529.	2.7	49
76	Immunological Relatedness of Thymus and Liver F1 Histone Subfractions. <i>Journal of Biological Chemistry</i> , 1973, 248, 3506-3510.	3.4	49
77	Spectrophotometric assay of 3'-cyclic nucleotide 5'-phosphohydrolase: Application to the enzyme in bovine brain. <i>Brain Research</i> , 1973, 58, 191-203.	2.2	48
78	Chromosomal Proteins HMGN3a and HMGN3b Regulate the Expression of Glycine Transporter 1. <i>Molecular and Cellular Biology</i> , 2004, 24, 3747-3756.	2.3	47
79	Delineation of the Protein Module That Anchors HMGN Proteins to Nucleosomes in the Chromatin of Living Cells. <i>Molecular and Cellular Biology</i> , 2008, 28, 2872-2883.	2.3	47
80	High mobility group chromosomal proteins isolated from nuclei and cytosol of cultured hepatoma cells are similar. <i>Biochemistry</i> , 1980, 19, 4466-4471.	2.5	45
81	Genomic Profiling of HMGN1 Reveals an Association with Chromatin at Regulatory Regions. <i>Molecular and Cellular Biology</i> , 2011, 31, 700-709.	2.3	44
82	Distinct Domains in High Mobility Group N Variants Modulate Specific Chromatin Modifications. <i>Journal of Biological Chemistry</i> , 2006, 281, 10182-10187.	3.4	43
83	The Chromatin-binding Protein HMGN1 Regulates the Expression of Methyl CpG-binding Protein 2 (MECP2) and Affects the Behavior of Mice. <i>Journal of Biological Chemistry</i> , 2011, 286, 42051-42062.	3.4	42
84	The HMGN family of chromatin-binding proteins: Dynamic modulators of epigenetic processes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2012, 1819, 652-656.	1.9	42
85	The HMG-14/-17 chromosomal protein family: architectural elements that enhance transcription from chromatin templates. <i>Seminars in Cell Biology</i> , 1995, 6, 247-255.	3.4	41
86	HMGN3a and HMGN3b, Two Protein Isoforms with a Tissue-specific Expression Pattern, Expand the Cellular Repertoire of Nucleosome-binding Proteins. <i>Journal of Biological Chemistry</i> , 2001, 276, 25959-25969.	3.4	41
87	The Nucleosome Binding Protein HMGN3 Modulates the Transcription Profile of Pancreatic β Cells and Affects Insulin Secretion. <i>Molecular and Cellular Biology</i> , 2009, 29, 5264-5276.	2.3	40
88	Targeting of High Mobility Group-14/-17 Proteins in Chromatin Is Independent of DNA Sequence. <i>Journal of Biological Chemistry</i> , 2000, 275, 37937-37944.	3.4	39
89	HMGN1 Protein Regulates Poly(ADP-ribose) Polymerase-1 (PARP-1) Self-PARYlation in Mouse Fibroblasts. <i>Journal of Biological Chemistry</i> , 2012, 287, 27648-27658.	3.4	39
90	Monoclonal antibodies against distinct determinants of histone H5 bind to chromatin. <i>Biochemistry</i> , 1984, 23, 3459-3466.	2.5	38

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91	Retropseudogenes for human chromosomal protein HMG-17. <i>Journal of Molecular Biology</i> , 1987, 197, 405-413.	4.2	38
92	Developmental role of HMGN proteins in <i>Xenopus laevis</i> . <i>Mechanisms of Development</i> , 2003, 120, 1177-1192.	1.7	38
93	Effects of HMGN variants on the cellular transcription profile. <i>Nucleic Acids Research</i> , 2011, 39, 4076-4087.	14.5	38
94	Functional compensation among HMGN variants modulates the DNase I hypersensitive sites at enhancers. <i>Genome Research</i> , 2015, 25, 1295-1308.	5.5	38
95	SCORHE: A novel and practical approach to video monitoring of laboratory mice housed in vivarium cage racks. <i>Behavior Research Methods</i> , 2015, 47, 235-250.	4.0	38
96	Immunochemical detection of chromosomal protein HMG-17 in chromatin subunits. <i>Biochemistry</i> , 1981, 20, 910-915.	2.5	37
97	Histone cross-linking by transglutaminase. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1453-1457.	2.1	37
98	The nucleosome-binding protein HMGN2 modulates global genome repair. <i>FEBS Journal</i> , 2009, 276, 6646-6657.	4.7	37
99	High Mobility Group N Proteins Modulate the Fidelity of the Cellular Transcriptional Profile in a Tissue- and Variant-specific Manner. <i>Journal of Biological Chemistry</i> , 2013, 288, 16690-16703.	3.4	37
100	Interplay between H1 and HMGN epigenetically regulates OLIG1&2 expression and oligodendrocyte differentiation. <i>Nucleic Acids Research</i> , 2017, 45, 3031-3045.	14.5	36
101	Retroposed Copies of the HMG Genes: A Window to Genome Dynamics. <i>Genome Research</i> , 2003, 13, 800-812.	5.5	35
102	Differential expression of the HMGN family of chromatin proteins during ocular development. <i>Gene Expression Patterns</i> , 2008, 8, 433-437.	0.8	35
103	Immunological Approaches to Chromatin and Chromosome Structure and Function. <i>Current Topics in Microbiology and Immunology</i> , 1979, 88, 105-142.	1.1	35
104	[11] Preparation and application of immunological probes for nucleosomes. <i>Methods in Enzymology</i> , 1989, 170, 214-251.	1.0	34
105	Microtubule dynamics alter the interphase nucleus. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1255-1268.	5.4	34
106	Metastable Macromolecular Complexes Containing High Mobility Group Nucleosome-binding Chromosomal Proteins in HeLa Nuclei. <i>Journal of Biological Chemistry</i> , 2002, 277, 20774-20782.	3.4	32
107	Mitotic Phosphorylation of Chromosomal Protein HMGN1 Inhibits Nuclear Import and Promotes Interaction with 14.3.3 Proteins. <i>Molecular and Cellular Biology</i> , 2002, 22, 6809-6819.	2.3	32
108	HMGN dynamics and chromatin function. <i>Biochemistry and Cell Biology</i> , 2003, 81, 113-122.	2.0	32

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109	Cell Cycle-dependent Binding of HMGN Proteins to Chromatin. <i>Molecular Biology of the Cell</i> , 2008, 19, 1816-1824.	2.1	32
110	Binding of HMGN proteins to cell specific enhancers stabilizes cell identity. <i>Nature Communications</i> , 2018, 9, 5240.	12.8	32
111	Chromatin accessibility promotes hematopoietic and leukemia stem cell activity. <i>Nature Communications</i> , 2020, 11, 1406.	12.8	32
112	Arrangement of Histones in Chromatin. <i>Nature: New Biology</i> , 1973, 245, 207-209.	4.5	31
113	Binding of E.coli RNA polymerase to chromatin subunits. <i>Nucleic Acids Research</i> , 1978, 5, 925-932.	14.5	31
114	Recombinant human chromosomal proteins HMG-14 and HMG-17. <i>Nucleic Acids Research</i> , 1991, 19, 3115-3121.	14.5	30
115	HMGN4, a Newly Discovered Nucleosome-Binding Protein Encoded by an Intronless Gene. <i>DNA and Cell Biology</i> , 2001, 20, 256-263.	1.9	30
116	Chromatin structure and specificity revealed by immunological techniques. <i>FEBS Letters</i> , 1976, 70, 1-10.	2.8	29
117	Heterogeneity in the interaction of chromatin subunits with anti-histone sera visualized by immuno-electron microscopy. <i>Experimental Cell Research</i> , 1978, 112, 1-14.	2.6	29
118	Human non-histone chromosomal protein HMG-17: identification, characterization, chromosome localization and RFLPs of a functional gene from the large multigene family. <i>Nucleic Acids Research</i> , 1989, 17, 2301-2314.	14.5	29
119	Immunological Specificities of Lysine-rich Histones from Tumors. <i>Journal of Biological Chemistry</i> , 1974, 249, 2507-2511.	3.4	27
120	Molecular homogeneity of the histone content of HeLa chromatin subunits. <i>Biochemistry</i> , 1977, 16, 5381-5385.	2.5	26
121	Immunofractionation of chromatin regions associated with histone H1o. <i>FEBS Journal</i> , 1986, 160, 253-260.	0.2	26
122	Autoantibodies to the chromosomal protein HMG-17 in juvenile rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1992, 35, 472-475.	6.7	26
123	Biological Functions of HMGN Chromosomal Proteins. <i>International Journal of Molecular Sciences</i> , 2020, 21, 449.	4.1	26
124	Antigenic determinants in lysine-rich histones. <i>Biochemistry</i> , 1973, 12, 1124-1129.	2.5	25
125	Concanavalin A binds to puffs in polytene chromosomes. <i>Nature</i> , 1979, 279, 448-450.	27.8	25
126	Selective inhibition of cancer cell self-renewal through a Quisinostat-histone H1.0 axis. <i>Nature Communications</i> , 2020, 11, 1792.	12.8	25

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127	Cell cycle regulation of an exogenous human poly(ADP-ribose) polymerase cDNA introduced into murine cells. <i>Journal of Cellular Physiology</i> , 1990, 144, 345-353.	4.1	24
128	A single copy gene for chicken chromosomal protein HMG-14b has evolutionarily conserved features, has lost one of its introns and codes for a rapidly evolving protein. <i>Journal of Molecular Biology</i> , 1990, 211, 49-61.	4.2	24
129	Assembly of somatic histone H1 onto chromatin during bovine early embryogenesis. <i>The Journal of Experimental Zoology</i> , 1995, 273, 317-326.	1.4	24
130	Chromosomal Protein HMGN1 Modulates the Phosphorylation of Serine 1 in Histone H2A. <i>Biochemistry</i> , 2006, 45, 15092-15099.	2.5	24
131	Chromosomal Protein HMGN1 Enhances the Heat Shock-induced Remodeling of Hsp70 Chromatin. <i>Journal of Biological Chemistry</i> , 2008, 283, 8080-8088.	3.4	24
132	Preparation of antisera to $\hat{\iota}$ -fetoprotein making use of estradiol affinity column. <i>FEBS Letters</i> , 1973, 32, 335-338.	2.8	23
133	Cell cycle regulated synthesis of an abundant transcript for human chromosomal protein HMG-17. <i>Nucleic Acids Research</i> , 1987, 15, 3549-3561.	14.5	23
134	The cooperative binding of chromosomal protein HMG-14 to nucleosome cores is reduced by single point mutations in the nucleosomal binding domain. <i>Nucleic Acids Research</i> , 1994, 22, 4520-4526.	14.5	23
135	A role for chromosomal protein HMGN1 in corneal maturation. <i>Differentiation</i> , 2006, 74, 19-29.	1.9	23
136	Turning off the unfolded protein response: An interplay between the apoptosis machinery and ER stress signaling. <i>Cell Cycle</i> , 2009, 8, 1641-1644.	2.6	23
137	Modulation of HMG-N2 binding to chromatin by butyrate-induced acetylation in human colon adenocarcinoma cells. <i>International Journal of Cancer</i> , 2002, 97, 567-573.	5.1	22
138	Chromosomal protein HMGN1 modulates the expression of N-cadherin. <i>FEBS Journal</i> , 2005, 272, 5853-5863.	4.7	22
139	Growth Cone Localization of the mRNA Encoding the Chromatin Regulator HMGN5 Modulates Neurite Outgrowth. <i>Molecular and Cellular Biology</i> , 2015, 35, 2035-2050.	2.3	22
140	Exchange of proteins during immunofractionation of chromatin. <i>Experimental Cell Research</i> , 1986, 163, 95-102.	2.6	21
141	Immunohistochemical Localization of the Nucleosome-Binding Protein HMGN3 in Mouse Brain. <i>Journal of Histochemistry and Cytochemistry</i> , 2002, 50, 1273-1275.	2.5	21
142	Preparation and Functional Analysis of HMGN Proteins. <i>Methods in Enzymology</i> , 2003, 375, 323-342.	1.0	21
143	High Mobility Group Protein N5 (HMGN5) and Lamina-associated Polypeptide 2 $\hat{\iota}$ (LAP2 $\hat{\iota}$) Interact and Reciprocally Affect Their Genome-wide Chromatin Organization. <i>Journal of Biological Chemistry</i> , 2013, 288, 18104-18109.	3.4	21
144	HP1BP3 is a novel histone H1 related protein with essential roles in viability and growth. <i>Nucleic Acids Research</i> , 2015, 43, 2074-2090.	14.5	21

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145	Mapping the binding of monoclonal antibodies to histone H5. <i>Biochemistry</i> , 1984, 23, 3466-3471.	2.5	20
146	The Accessibility of Histone H3 Tails in Chromatin Modulates Their Acetylation by P300/CBP-associated Factor. <i>Journal of Biological Chemistry</i> , 2000, 275, 12994-12999.	3.4	20
147	The applicability of extraction by trichloroacetic acid to the preparation of very lysine rich histones from the mammary gland. <i>Archives of Biochemistry and Biophysics</i> , 1968, 127, 457-462.	3.0	19
148	Nitration of the tyrosine in histone F1 in salt solutions and in F1-polyanion complexes. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1971, 251, 172-180.	1.7	18
149	Chromatin subunits elicit species-specific antibodies against nucleoprotein antigenic determinants. <i>Biochemistry</i> , 1980, 19, 4387-4394.	2.5	18
150	Differential binding of chromosomal proteins HMG1 and HMG2 to superhelical DNA. <i>Biochemical and Biophysical Research Communications</i> , 1985, 133, 633-640.	2.1	18
151	The Nucleosome Binding Protein HMGN1 Interacts with PCNA and Facilitates Its Binding to Chromatin. <i>Molecular and Cellular Biology</i> , 2012, 32, 1844-1854.	2.3	18
152	Genetic mapping of the murine gene and 14 related sequences encoding chromosomal protein HMG-14. <i>Mammalian Genome</i> , 1992, 3, 625-632.	2.2	17
153	The chromatin-binding protein HMGN3 stimulates histone acetylation and transcription across the <i>Glyt1</i> gene. <i>Biochemical Journal</i> , 2012, 442, 495-505.	3.7	17
154	Epigenetic regulation of REX1 expression and chromatin binding specificity by HMGNs. <i>Nucleic Acids Research</i> , 2019, 47, 4449-4461.	14.5	17
155	Purification of anti-histone-H1 antibodies and their use in measuring histone determinants in chromatin by radioimmunoassay. <i>Biochemical and Biophysical Research Communications</i> , 1976, 68, 718-723.	2.1	16
156	Chromatin structure of the cytochrome P-450c gene changes following induction. <i>Biochemistry</i> , 1986, 25, 7062-7068.	2.5	16
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