

Michael Bustin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4860120/publications.pdf>

Version: 2024-02-01

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 | H3K27ac nucleosomes facilitate HMGN localization at regulatory sites to modulate chromatin binding of transcription factors. <i>Communications Biology</i> , 2022, 5, 159. | 4.4 | 9 |
| 2 | Multiple epigenetic factors co-localize with HMGN proteins in A-compartment chromatin. <i>Epigenetics and Chromatin</i> , 2022, 15, . | 3.9 | 5 |
| 3 | Chromatin accessibility promotes hematopoietic and leukemia stem cell activity. <i>Nature Communications</i> , 2020, 11, 1406. | 12.8 | 32 |
| 4 | Biological Functions of HMGN Chromosomal Proteins. <i>International Journal of Molecular Sciences</i> , 2020, 21, 449. | 4.1 | 26 |
| 5 | Selective inhibition of cancer cell self-renewal through a Quisinostat-histone H1.0 axis. <i>Nature Communications</i> , 2020, 11, 1792. | 12.8 | 25 |
| 6 | Epigenetic regulation of REX1 expression and chromatin binding specificity by HMGNs. <i>Nucleic Acids Research</i> , 2019, 47, 4449-4461. | 14.5 | 17 |
| 7 | 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 |
| 8 | Binding of HMGN proteins to cell specific enhancers stabilizes cell identity. <i>Nature Communications</i> , 2018, 9, 5240. | 12.8 | 32 |
| 9 | Elevated HMGN4 expression potentiates thyroid tumorigenesis. <i>Carcinogenesis</i> , 2017, 38, 391-401. | 2.8 | 11 |
| 10 | 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 |
| 11 | ADHFE1 is a breast cancer oncogene and induces metabolic reprogramming. <i>Journal of Clinical Investigation</i> , 2017, 128, 323-340. | 8.2 | 63 |
| 12 | HMGN1 and 2 remodel core and linker histone tail domains within chromatin. <i>Nucleic Acids Research</i> , 2017, 45, 9917-9930. | 14.5 | 50 |
| 13 | Nongenetic functions of the genome. <i>Science</i> , 2016, 352, aad6933. | 12.6 | 92 |
| 14 | HMGN proteins modulate chromatin regulatory sites and gene expression during activation of naïve B cells. <i>Nucleic Acids Research</i> , 2016, 44, gkw323. | 14.5 | 11 |
| 15 | 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 |
| 16 | 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 |
| 17 | Proportionate Dwarfism in Mice Lacking Heterochromatin Protein 1 Binding Protein 3 (HP1BP3) Is Associated With Alterations in the Endocrine IGF-1 Pathway. <i>Endocrinology</i> , 2015, 156, 4558-4570. | 2.8 | 13 |
| 18 | Harnessing the alarmin HMGN1 for anticancer therapy. <i>Immunotherapy</i> , 2015, 7, 1129-1131. | 2.0 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | Chromatin decompaction by the nucleosomal binding protein HMGN5 impairs nuclear sturdiness. <i>Nature Communications</i> , 2015, 6, 6138. | 12.8 | 115 |
| 20 | Functional compensation among HMGN variants modulates the DNase I hypersensitive sites at enhancers. <i>Genome Research</i> , 2015, 25, 1295-1308. | 5.5 | 38 |
| 21 | 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 |
| 22 | 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 |
| 23 | Metabolomics Reveals a Role for the Chromatin-Binding Protein HMGN5 in Glutathione Metabolism. <i>PLoS ONE</i> , 2014, 9, e84583. | 2.5 | 8 |
| 24 | Loss of the Nucleosome-Binding Protein HMGN1 Affects the Rate of N-Nitrosodiethylamine-Induced Hepatocarcinogenesis in Mice. <i>Molecular Cancer Research</i> , 2014, 12, 82-90. | 3.4 | 12 |
| 25 | Triplication 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 |
| 26 | The Alarmin HMGN1 Contributes to Antitumor Immunity and Is a Potent Immunoadjuvant. <i>Cancer Research</i> , 2014, 74, 5989-5998. | 0.9 | 56 |
| 27 | Microtubule dynamics alter the interphase nucleus. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1255-1268. | 5.4 | 34 |
| 28 | 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 |
| 29 | 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 |
| 30 | High Mobility Group Protein N5 (HMGN5) and Lamina-associated Polypeptide 2 β (LAP2 β) Interact and Reciprocally Affect Their Genome-wide Chromatin Organization. <i>Journal of Biological Chemistry</i> , 2013, 288, 18104-18109. | 3.4 | 21 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 37 | 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 |
| 38 | The role of chromatin structure in cell migration. <i>Trends in Cell Biology</i> , 2011, 21, 6-11. | 7.9 | 79 |
| 39 | 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 |
| 40 | Distinct Properties of Human HMG5 Reveal a Rapidly Evolving but Functionally Conserved Nucleosome Binding Protein. <i>Molecular and Cellular Biology</i> , 2011, 31, 2742-2755. | 2.3 | 13 |
| 41 | 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 |
| 42 | Effects of HMGN variants on the cellular transcription profile. <i>Nucleic Acids Research</i> , 2011, 39, 4076-4087. | 14.5 | 38 |
| 43 | The Chromatin-binding Protein HMG1 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 |
| 44 | Genomic Profiling of HMG1 Reveals an Association with Chromatin at Regulatory Regions. <i>Molecular and Cellular Biology</i> , 2011, 31, 700-709. | 2.3 | 44 |
| 45 | The nucleosome binding protein HMG3 is expressed in pancreatic β cells and affects plasma glucagon levels in mice. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 49-57. | 2.6 | 10 |
| 46 | Efficient cell migration requires global chromatin condensation. <i>Journal of Cell Science</i> , 2010, 123, 2207-2217. | 2.0 | 114 |
| 47 | HMG5/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 |
| 48 | 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 |
| 49 | High Mobility Group Proteins. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 1-2. | 1.9 | 10 |
| 50 | Efficient cell migration requires global chromatin condensation. <i>Development (Cambridge)</i> , 2010, 137, e1-e1. | 2.5 | 0 |
| 51 | 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 |
| 52 | 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 |
| 53 | The Nucleosome Binding Protein HMG3 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 |
| 54 | Expression of nucleosomal protein HMG1 in the cycling mouse hair follicle. <i>Gene Expression Patterns</i> , 2009, 9, 289-295. | 0.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 55 | The nucleosomal binding protein NSBP1 is highly expressed in the placenta and modulates the expression of differentiation markers in placental Rchoâ€¢1 cells. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 651-658. | 2.6 | 14 |
| 56 | 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 |
| 57 | The nucleosomeâ€¢binding protein HMGN2 modulates global genome repair. <i>FEBS Journal</i> , 2009, 276, 6646-6657. | 4.7 | 37 |
| 58 | 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 |
| 59 | Nucleosome binding proteins potentiate ATM activation and DNA damage response by modifying chromatin. <i>Cell Cycle</i> , 2009, 8, 1641-1644. | 2.6 | 9 |
| 60 | Visualization of the Expression of HMGN Nucleosomal Binding Proteins in the Developing Mouse Embryo and in Adult Mouse Tissues. <i>Methods in Molecular Biology</i> , 2009, 523, 67-82. | 0.9 | 0 |
| 61 | Differential expression of the HMGN family of chromatin proteins during ocular development. <i>Gene Expression Patterns</i> , 2008, 8, 433-437. | 0.8 | 35 |
| 62 | Cell Cycle-dependent Binding of HMGN Proteins to Chromatin. <i>Molecular Biology of the Cell</i> , 2008, 19, 1816-1824. | 2.1 | 32 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | Migration Cues Induce Chromatin Alterations. <i>Traffic</i> , 2007, 8, 1521-1529. | 2.7 | 49 |
| 67 | HMG chromosomal proteins in development and disease. <i>Trends in Cell Biology</i> , 2007, 17, 72-79. | 7.9 | 298 |
| 68 | Chromosomal Protein HMGN1 Modulates the Phosphorylation of Serine 1 in Histone H2A. <i>Biochemistry</i> , 2006, 45, 15092-15099. | 2.5 | 24 |
| 69 | A role for chromosomal protein HMGN1 in corneal maturation. <i>Differentiation</i> , 2006, 74, 19-29. | 1.9 | 23 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 73 | Chromosomal protein HMGN1 enhances the acetylation of lysine 14 in histone H3. <i>EMBO Journal</i> , 2005, 24, 3038-3048. | 7.8 | 88 |
| 74 | Chromosomal protein HMGN1 modulates the expression of N-cadherin. <i>FEBS Journal</i> , 2005, 272, 5853-5863. | 4.7 | 22 |
| 75 | Increased Tumorigenicity and Sensitivity to Ionizing Radiation upon Loss of Chromosomal Protein HMGN1. <i>Cancer Research</i> , 2005, 65, 6711-6718. | 0.9 | 71 |
| 76 | The Dynamics of Histone H1 Function in Chromatin. <i>Molecular Cell</i> , 2005, 17, 617-620. | 9.7 | 208 |
| 77 | 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 |
| 78 | Dynamic interaction of HMGA1a proteins with chromatin. <i>Journal of Cell Science</i> , 2004, 117, 3459-3471. | 2.0 | 88 |
| 79 | 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 |
| 80 | 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 |
| 81 | Chromosomal Protein HMGN1 Modulates Histone H3 Phosphorylation. <i>Molecular Cell</i> , 2004, 15, 573-584. | 9.7 | 117 |
| 82 | The role of HMGN proteins in chromatin function. <i>New Comprehensive Biochemistry</i> , 2004, 39, 135-154. | 0.1 | 1 |
| 83 | Inflammation-promoting activity of HMGB1 on human microvascular endothelial cells. <i>Blood</i> , 2003, 101, 2652-2660. | 1.4 | 675 |
| 84 | Chromosomal protein HMGN1 enhances the rate of DNA repair in chromatin. <i>EMBO Journal</i> , 2003, 22, 1665-1675. | 7.8 | 129 |
| 85 | The role of DNA methylation in setting up chromatin structure during development. <i>Nature Genetics</i> , 2003, 34, 187-192. | 21.4 | 337 |
| 86 | Developmental role of HMGN proteins in <i>Xenopus laevis</i> . <i>Mechanisms of Development</i> , 2003, 120, 1177-1192. | 1.7 | 38 |
| 87 | Preparation and Functional Analysis of HMGN Proteins. <i>Methods in Enzymology</i> , 2003, 375, 323-342. | 1.0 | 21 |
| 88 | Immunochemical Analysis of Chromatin. <i>Methods in Enzymology</i> , 2003, 376, 209-220. | 1.0 | 1 |
| 89 | HMGN dynamics and chromatin function. <i>Biochemistry and Cell Biology</i> , 2003, 81, 113-122. | 2.0 | 32 |
| 90 | Chromatin Decompaction Method by HMGN Proteins. <i>Methods in Enzymology</i> , 2003, 371, 521-536. | 1.0 | 7 |

| # | ARTICLE | IF | CITATIONS |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 91 | Retroposed Copies of the HMG Genes: A Window to Genome Dynamics. <i>Genome Research</i> , 2003, 13, 800-812. | 5.5 | 35 |
| 92 | 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 |
| 93 | 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 |
| 94 | 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 |
| 95 | 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 |
| 96 | Histone cross-linking by transglutaminase. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 1453-1457. | 2.1 | 37 |
| 97 | 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 |
| 98 | Competition between histone H1 and HMGN proteins for chromatin binding sites. <i>EMBO Reports</i> , 2002, 3, 760-766. | 4.5 | 125 |
| 99 | 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 |
| 100 | Revised nomenclature for high mobility group (HMG) chromosomal proteins. <i>Trends in Biochemical Sciences</i> , 2001, 26, 152-153. | 7.5 | 349 |
| 101 | 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 50 342 Td (http://www.informatics.jax.org/mgihome/) proteins. <i>Trends in Biochemical Sciences</i> , 2001, 26, 431-437. | 7.5 | 167 |
| 102 | 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 |
| 103 | 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 |
| 104 | Mitotic Phosphorylation Prevents the Binding of HMGN Proteins to Chromatin. <i>Molecular and Cellular Biology</i> , 2001, 21, 5169-5178. | 2.3 | 68 |
| 105 | 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 |
| 106 | Dynamic binding of histone H1 to chromatin in living cells. <i>Nature</i> , 2000, 408, 877-881. | 27.8 | 570 |
| 107 | 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 |
| 108 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 109 | 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 |
| 110 | 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 |
| 111 | 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 |
| 112 | Reconstitution of high mobility group proteins into nucleosomes and chromatin. <i>Methods in Enzymology</i> , 1999, 304, 133-155. | 1.0 | 11 |
| 113 | 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 |
| 114 | Analysis of HMG-14/-17-Containing Chromatin. , 1999, 119, 303-310. | | 6 |
| 115 | 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 |
| 116 | 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 |
| 117 | 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 |
| 118 | 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 |
| 119 | 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 |
| 120 | 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 |
| 121 | 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 |
| 122 | Enhancement of the Transcription Potential of Nascent Chromatin by Chromosomal Proteins HMG-14/-17 Is Coupled to Nucleosome Assembly and Not DNA Synthesis. <i>DNA and Cell Biology</i> , 1997, 16, 1207-1216. | 1.9 | 9 |
| 123 | Clusters of nucleosomes containing chromosomal protein HMG-17 in chromatin. <i>Journal of Molecular Biology</i> , 1997, 274, 454-465. | 4.2 | 56 |
| 124 | Chromosomal Proteins HMG-14 and HMG-17 Are Synthesized throughout the S-Phase in Burkitt's Lymphoma. <i>Biochemical and Biophysical Research Communications</i> , 1996, 222, 368-373. | 2.1 | 1 |
| 125 | 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 |
| 126 | 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 |

| # | ARTICLE | IF | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 127 | 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 |
| 128 | Characterization of Transgenic Mice with an Increased Content of Chromosomal Protein HMG-14 in Their Chromatin. <i>DNA and Cell Biology</i> , 1995, 14, 997-1005. | 1.9 | 16 |
| 129 | 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 |
| 130 | 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 |
| 131 | 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 |
| 132 | Sera from Jra Patients Contain Antibodies Against a Defined Epitope in Chromosomal Protein HmG-17. <i>Autoimmunity</i> , 1994, 17, 23-30. | 2.6 | 7 |
| 133 | A signature for the HMG box DNA binding proteins. <i>BioEssays</i> , 1993, 15, 539-546. | 2.5 | 265 |
| 134 | Identification and genetic mapping of the murine gene and 20 related sequences encoding chromosomal protein HMG-17. <i>Mammalian Genome</i> , 1993, 4, 83-89. | 2.2 | 10 |
| 135 | Evolutionarily Conserved Motifs and Protein Binding Elements in the 5' Region of the Chromosomal Protein HMG-14 Gene. <i>DNA and Cell Biology</i> , 1993, 12, 753-761. | 1.9 | 1 |
| 136 | Differential expression of the chromosomal high mobility group proteins 14 and 17 during the onset of differentiation in mammalian osteoblasts and promyelocytic leukemia cells. <i>Journal of Cellular Biochemistry</i> , 1993, 51, 479-487. | 2.6 | 12 |
| 137 | The transcriptionally-active MMTV promoter is depleted of histone H1. <i>Nucleic Acids Research</i> , 1992, 20, 273-278. | 14.5 | 222 |
| 138 | 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 |
| 139 | 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 |
| 140 | Autoantibodies to the chromosomal protein HMG-17 in juvenile rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1992, 35, 472-475. | 6.7 | 26 |
| 141 | Chromosomal protein HMG-14 is overexpressed in Down syndrome. <i>Experimental Cell Research</i> , 1991, 193, 232-235. | 2.6 | 12 |
| 142 | Differentiation-dependent alteration in the chromatin structure of chromosomal protein HMG-17 gene during erythropoiesis. <i>Journal of Molecular Biology</i> , 1991, 217, 75-84. | 4.2 | 11 |
| 143 | Recombinant human chromosomal proteins HMG-14 and HMG-17. <i>Nucleic Acids Research</i> , 1991, 19, 3115-3121. | 14.5 | 30 |
| 144 | Mapping the human gene coding for chromosomal protein HMG-17. <i>Human Genetics</i> , 1990, 85, 376-8. | 3.8 | 13 |

| # | ARTICLE | IF | CITATIONS |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 145 | 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 |
| 146 | Mouse non-histone chromosomal protein HMG-14 cDNA sequence. <i>Nucleic Acids Research</i> , 1990, 18, 5311-5311. | 14.5 | 8 |
| 147 | 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 |
| 148 | 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 |
| 149 | Expression of human chromosomal proteins HMG-14 and HMG-17 in <i>Saccharomyces cerevisiae</i> . <i>Experimental Cell Research</i> , 1990, 191, 71-75. | 2.6 | 1 |
| 150 | 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 |
| 151 | [11] Preparation and application of immunological probes for nucleosomes. <i>Methods in Enzymology</i> , 1989, 170, 214-251. | 1.0 | 34 |
| 152 | Immunopurification of the suppressor tRNA dependent rabbit .beta.-globin readthrough protein. <i>Biochemistry</i> , 1988, 27, 1179-1183. | 2.5 | 15 |
| 153 | Mouse non-histone chromosomal protein HMG-17 cDNA sequence. <i>Nucleic Acids Research</i> , 1988, 16, 10386-10386. | 14.5 | 9 |
| 154 | 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 |
| 155 | Chicken non-histone chromosomal protein HMG-17 cDNA sequence. <i>Nucleic Acids Research</i> , 1987, 15, 6750-6750. | 14.5 | 12 |
| 156 | Retropseudogenes for human chromosomal protein HMG-17. <i>Journal of Molecular Biology</i> , 1987, 197, 405-413. | 4.2 | 38 |
| 157 | Immunochemical analysis of the structure and function of chromosomal proteins. <i>Cytometry</i> , 1987, 8, 251-259. | 1.8 | 4 |
| 158 | Immunofractionation of DNA sequences associated with HMG-17 in chromatin. <i>Experimental Cell Research</i> , 1986, 166, 486-496. | 2.6 | 50 |
| 159 | Exchange of proteins during immunofractionation of chromatin. <i>Experimental Cell Research</i> , 1986, 163, 95-102. | 2.6 | 21 |
| 160 | Chromatin structure of the cytochrome P-450c gene changes following induction. <i>Biochemistry</i> , 1986, 25, 7062-7068. | 2.5 | 16 |
| 161 | Immunofractionation of chromatin regions associated with histone H1o. <i>FEBS Journal</i> , 1986, 160, 253-260. | 0.2 | 26 |
| 162 | Evidence that high mobility group protein 17 is not phosphorylated in human colon carcinoma cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1985, 838, 351-354. | 2.4 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 163 | 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 |
| 164 | Chromatin structure of a 3-methylcholanthrene-induced cytochrome P-450 gene. <i>Biochemistry</i> , 1985, 24, 5269-5275. | 2.5 | 12 |
| 165 | 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 |
| 166 | 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 |
| 167 | Monoclonal antibodies against distinct determinants of histone H5 bind to chromatin. <i>Biochemistry</i> , 1984, 23, 3459-3466. | 2.5 | 38 |
| 168 | Mapping the binding of monoclonal antibodies to histone H5. <i>Biochemistry</i> , 1984, 23, 3466-3471. | 2.5 | 20 |
| 169 | Localization of HMG chromosomal proteins in the nucleus and cytoplasm by microinjection of functional antibody fragments into living fibroblasts. <i>Experimental Cell Research</i> , 1984, 152, 287-301. | 2.6 | 15 |
| 170 | Effect of X-radiation on DNA and histone synthesis in ataxia telangiectasia and normal lymphoblastoid cells. <i>Mutation Research - DNA Repair Reports</i> , 1983, 112, 359-367. | 1.8 | 5 |
| 171 | Specific binding of alu sequences by HeLa nuclear extracts. <i>Biochemical and Biophysical Research Communications</i> , 1983, 117, 378-384. | 2.1 | 1 |
| 172 | Selective exposure of antigenic determinants in chromosomal proteins upon gene activation in polytene chromosomes. <i>Experimental Cell Research</i> , 1983, 143, 257-269. | 2.6 | 11 |
| 173 | Immunological Studies on the Influence of Chromatin Structure on the Binding of a Chemical Carcinogen to the Genome. , 1983, , 349-371. | | 3 |
| 174 | Antibody to poly(adenosine diphosphate-ribose) polymerase and its use in chromatin analysis. <i>Nucleic Acids Research</i> , 1982, 10, 2939-2950. | 14.5 | 10 |
| 175 | Antigenic determinants of high mobility group chromosomal proteins 1 and 2. <i>Biochemistry</i> , 1982, 21, 6773-6777. | 2.5 | 9 |
| 176 | Immunochemical detection of chromosomal protein HMG-17 in chromatin subunits. <i>Biochemistry</i> , 1981, 20, 910-915. | 2.5 | 37 |
| 177 | mRNA of chromosomal proteins HMG-1 and HMG-2 are polyadenylated. <i>Biochemical and Biophysical Research Communications</i> , 1981, 101, 893-897. | 2.1 | 9 |
| 178 | Interactive computer surface graphic study of the binding of an antibody to the chromatin subunit. <i>Journal of Theoretical Biology</i> , 1981, 92, 97-102. | 1.7 | 6 |
| 179 | Chromatin subunits elicit species-specific antibodies against nucleoprotein antigenic determinants. <i>Biochemistry</i> , 1980, 19, 4387-4394. | 2.5 | 18 |
| 180 | Antigenicity of histones in various chromatins. <i>Nucleic Acids and Protein Synthesis</i> , 1980, 606, 304-315. | 1.7 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 181 | 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 |
| 182 | Concanavalin A binds to puffs in polytene chromosomes. <i>Nature</i> , 1979, 279, 448-450. | 27.8 | 25 |
| 183 | Antibodies against chromosomal HMG proteins stain the cytoplasm of mammalian cells. <i>Cell</i> , 1979, 16, 181-189. | 28.9 | 127 |
| 184 | Immunological Approaches to Chromatin and Chromosome Structure and Function. <i>Current Topics in Microbiology and Immunology</i> , 1979, 88, 105-142. | 1.1 | 35 |
| 185 | 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 |
| 186 | Binding of E.coli RNA polymerase to chromatin subunits. <i>Nucleic Acids Research</i> , 1978, 5, 925-932. | 14.5 | 31 |
| 187 | Histone Antibodies—Structural Probes for Chromatin and Chromosomes. , 1978, , 195-238. | | 1 |
| 188 | Molecular homogeneity of the histone content of HeLa chromatin subunits. <i>Biochemistry</i> , 1977, 16, 5381-5385. | 2.5 | 26 |
| 189 | Chromatin structure visualization by immunoelectron microscopy. <i>Cell</i> , 1976, 7, 297-304. | 28.9 | 63 |
| 190 | Histone composition of chromatin subunits studied by immunosedimentation. <i>Biochemistry</i> , 1976, 15, 4305-4312. | 2.5 | 53 |
| 191 | Chromatin structure and specificity revealed by immunological techniques. <i>FEBS Letters</i> , 1976, 70, 1-10. | 2.8 | 29 |
| 192 | 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 |
| 193 | Immunological Comparison of Basic Encephalitogen and Histone F2A1. <i>FEBS Journal</i> , 1975, 53, 615-621. | 0.2 | 5 |
| 194 | Exposure of histone F1 subfractions in chromatin. <i>Biochemical and Biophysical Research Communications</i> , 1975, 65, 637-643. | 2.1 | 15 |
| 195 | Exposure of histone antigenic determinants in chromatin. <i>Biochemistry</i> , 1975, 14, 1689-1695. | 2.5 | 89 |
| 196 | Dynamic equilibrium in histone assembly. Self-assembly of single histones and histone pairs. <i>Biochemistry</i> , 1975, 14, 3322-3331. | 2.5 | 62 |
| 197 | [94] Thymocytes. <i>Methods in Enzymology</i> , 1974, 34, 750-755. | 1.0 | 2 |
| 198 | Immunological Specificities of Lysine-rich Histones from Tumors. <i>Journal of Biological Chemistry</i> , 1974, 249, 2507-2511. | 3.4 | 27 |

| # | ARTICLE | IF | CITATIONS |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 199 | Spectrophotometric assay of 2',3'-cyclic nucleotide 3'-phosphohydrolase: Application to the enzyme in bovine brain. <i>Brain Research</i> , 1973, 58, 191-203. | 2.2 | 48 |
| 200 | Preparation of antisera to β -fetoprotein making use of estradiol affinity column. <i>FEBS Letters</i> , 1973, 32, 335-338. | 2.8 | 23 |
| 201 | Antigenic determinants in lysine-rich histones. <i>Biochemistry</i> , 1973, 12, 1124-1129. | 2.5 | 25 |
| 202 | Arrangement of Histones in Chromatin. <i>Nature: New Biology</i> , 1973, 245, 207-209. | 4.5 | 31 |
| 203 | Immunological Relatedness of Thymus and Liver F1 Histone Subfractions. <i>Journal of Biological Chemistry</i> , 1973, 248, 3506-3510. | 3.4 | 49 |
| 204 | Specific isolation of peptides containing modified tyrosine residues on insoluble antibody column. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1972, 263, 459-467. | 1.7 | 7 |
| 205 | Conservative Amino-Acid Replacement in the Tyrosine Region of the Lysine-Rich Histones. <i>FEBS Journal</i> , 1972, 29, 263-267. | 0.2 | 12 |
| 206 | Characterization and Partial Purification of Antigenic Components Solubilized by a Reversible Chemical Modification from Rat-Thymocyte Membrane. <i>FEBS Journal</i> , 1972, 31, 541-553. | 0.2 | 11 |
| 207 | Immunochemical Specificity in Lysine-rich Histone Subfractions. <i>Journal of Biological Chemistry</i> , 1972, 247, 5716-5721. | 3.4 | 56 |
| 208 | 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 |
| 209 | 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 |
| 210 | A Study of the Multiplicity of Lysine-rich Histones. <i>Journal of Biological Chemistry</i> , 1969, 244, 5286-5290. | 3.4 | 76 |
| 211 | Bisection of a Lysine-rich Histone by N-Bromosuccinimide. <i>Journal of Biological Chemistry</i> , 1969, 244, 5291-5294. | 3.4 | 96 |
| 212 | 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 |