# James R Davie

List of Publications by Year
in descending order

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|---|---|---|---|
| 190 papers | 16,157 citations | 28274 55 h-index | 17592 121 g-index |
| 194 all docs | 194 docs citations | 194 times ranked | 17213 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Differential expression of <scp>HNF1A</scp> and <scp>HNF1Aâ€AS1</scp> in colon cancer cells. IUBMB Life, 2022, 74, 496-507. | 3.4 | 1 |
| 2 | The key role of differential broad H3K4me3 and H3K4ac domains in breast cancer. Gene, 2022, 826, 146463. | 2.2 | 9 |
| 3 | The chicken model organism for epigenomic research. Genome, 2021, 64, 476-489. | 2.0 | 17 |
| 4 | The treatment of SARS-CoV2 with antivirals and mitigation of the cytokine storm syndrome: the role of gene expression. Genome, 2021, 64, 400-415. | 2.0 | 0 |
| 5 | Epigenetic regulation of ACE2, the receptor of the SARS-CoV-2 virus<sup>1</sup>. Genome, 2021, 64, 386-399. | 2.0 | 58 |
| 6 | Transcriptionally Active Chromatinâ€"Lessons Learned from the Chicken Erythrocyte Chromatin Fractionation. Cells, 2021, 10, 1354. | 4.1 | 6 |
| 7 | The dynamic broad epigenetic (H3K4me3, H3K27ac) domain as a mark of essential genes. Clinical Epigenetics, 2021, 13, 138. | 4.1 | 84 |
| 8 | Mitogen-induced transcriptional programming in human fibroblasts. Gene, 2021, 800, 145842. | 2.2 | 4 |
| 9 | Chronic Ethanol Exposure Alters DNA Methylation in Neural Stem Cells: Role of Mouse Strain and Sex. Molecular Neurobiology, 2020, 57, 650-667. | 4.0 | 28 |
| 10 | Atypical chromatin structure of immune-related genes expressed in chicken erythrocytes. Biochemistry and Cell Biology, 2020, 98, 171-177. | 2.0 | 10 |
| 11 | <scp>SARSâ€CoV</scp>â€2 multifaceted interaction with the human host. Part <scp>II</scp>: Innate immunity response, immunopathology, and epigenetics. IUBMB Life, 2020, 72, 2331-2354. | 3.4 | 29 |
| 12 | <scp>SARSâ€CoV</scp>â€2 multifaceted interaction with human host. Part I: What we have learnt and done so far, and the still unknown realities. IUBMB Life, 2020, 72, 2313-2330. | 3.4 | 10 |
| 13 | Genomic landscape of transcriptionally active histone arginine methylation marks, H3R2me2s and H4R3me2a, relative to nucleosome depleted regions. Gene, 2020, 742, 144593. | 2.2 | 24 |
| 14 | DNA methylation and chromatin modifications. , 2019, , 13-36. | | 4 |
| 15 | Genome-Wide Transcriptome Landscape of Embryonic Brain-Derived Neural Stem Cells Exposed to Alcohol with Strain-Specific Cross-Examination in BL6 and CD1 Mice. Scientific Reports, 2019, 9, 206. | 3.3 | 25 |
| 16 | Global DNA Methylation and Histone Posttranslational Modifications in Human and Nonhuman Primate Brain in Association with Prenatal Alcohol Exposure. Alcoholism: Clinical and Experimental Research, 2019, 43, 1145-1162. | 2.4 | 23 |
| 17 | DNA Methylation Contributes to the Differential Expression Levels of Mecp2 in Male Mice Neurons and Astrocytes. International Journal of Molecular Sciences, 2019, 20, 1845. | 4.1 | 30 |
| 18 | Chromatin organization of transcribed genes in chicken polychromatic erythrocytes. Gene, 2019, 699, 80-87. | 2.2 | 8 |

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| 19 | Biochemistry and Cell Biology celebrates its 90th anniversary. Biochemistry and Cell Biology, 2019, 97, iii-iii. | 2.0 | 0 |
| 20 | Mitogen and stress- activated protein kinase regulated gene expression in cancer cells. Advances in Biological Regulation, 2019, 71, 147-155. | 2.3 | 16 |
| 21 | DNA methylation and histone post-translational modification stability in post-mortem brain tissue. Clinical Epigenetics, 2019, 11, 5. | 4.1 | 25 |
| 22 | Transcriptionâ€dependent association of HDAC2 with active chromatin. Journal of Cellular Physiology, 2018, 233, 1650-1657. | 4.1 | 16 |
| 23 | Mitogen-induced distinct epialleles are phosphorylated at either H3S10 or H3S28, depending on H3K27 acetylation. Molecular Biology of the Cell, 2017, 28, 817-824. | 2.1 | 12 |
| 24 | A 16 Yin Yang gene expression ratio signature for ER+/nodeâ˜ breast cancer. International Journal of Cancer, 2017, 140, 1413-1424. | 5.1 | 7 |
| 25 | The discovery and development of the CRISPR system in applications in genome manipulation. Biochemistry and Cell Biology, 2017, 95, 203-210. | 2.0 | 10 |
| 26 | Ubiquitin C-terminal hydrolase isozyme L1 is associated with shelterin complex at interstitial telomeric sites. Epigenetics and Chromatin, 2017, 10, 54. | 3.9 | 6 |
| 27 | Dynamic Histone Acetylation of H3K4me3 Nucleosome Regulates MCL1 Preâ€mRNA Splicing. Journal of Cellular Physiology, 2016, 231, 2196-2204. | 4.1 | 13 |
| 28 | A 10-Gene Yin Yang Expression Ratio Signature for Stage IA and IB Nonâ€“Small Cell Lung Cancer. Journal of Thoracic Oncology, 2016, 11, 2150-2160. | 1.1 | 14 |
| 29 | Epigenetics: Chromatin Organization and Function. Cardiac and Vascular Biology, 2016, , 1-35. | 0.2 | 0 |
| 30 | The chicken erythrocyte epigenome. Epigenetics and Chromatin, 2016, 9, 19. | 3.9 | 23 |
| 31 | Histone H3K4 trimethylation: dynamic interplay with pre-mRNA splicing. Biochemistry and Cell Biology, 2016, 94, 1-11. | 2.0 | 37 |
| 32 | Connecting the dots: chromatin and alternative splicing in EMT. Biochemistry and Cell Biology, 2016, 94, 12-25. | 2.0 | 28 |
| 33 | High Mobility Group A2 protects cancer cells against telomere dysfunction. Oncotarget, 2016, 7, 12761-12782. | 1.8 | 16 |
| 34 | PDK2-mediated alternative splicing switches Bnip3 from cell death to cell survival. Journal of Cell Biology, 2015, 210, 1101-1115. | 5.2 | 31 |
| 35 | The steroid receptor RNA activator protein (SRAP) controls cancer cell migration/motility. FEBS Letters, 2015, 589, 4010-4018. | 2.8 | 12 |
| 36 | Protein arginine methyltransferases (PRMTs): Role in chromatin organization. Advances in Biological Regulation, 2015, 57, 173-184. | 2.3 | 67 |

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| 37 | RNA-dependent dynamic histone acetylation regulates MCL1 alternative splicing. Nucleic Acids Research, 2014, 42, 1656-1670. | 14.5 | 46 |
| 38 | Dual cross-linking ribonucleoprotein immunoprecipitation assay. Biochemistry and Cell Biology, 2014, 92, 317-319. | 2.0 | 2 |
| 39 | DNA Modifications: Function and Applications in Normal and Disease States. Biology, 2014, 3, 670-723. | 2.8 | 129 |
| 40 | Dynamic distribution of HDAC1 and HDAC2 during mitosis: Association with Fâ€actin. Journal of Cellular Physiology, 2013, 228, 1525-1535. | 4.1 | 19 |
| 41 | Regulation of chromatin structure via histone post-translational modification and the link to carcinogenesis. Cancer and Metastasis Reviews, 2013, 32, 363-376. | 5.9 | 50 |
| 42 | Targeting class I histone deacetylases in cancer therapy. Expert Opinion on Therapeutic Targets, 2013, 17, 29-41. | 3.4 | 62 |
| 43 | Immediate early response genes and cell transformation. , 2013, 137, 64-77. | | 101 |
| 44 | HDAC inhibitors prevent the induction of the immediateâ€early gene FOSL1, but do not alter the nucleosome response. FEBS Letters, 2013, 587, 1510-1517. | 2.8 | 9 |
| 45 | Epigenetic regulation of canonical TNFÎ± pathway by HDAC1 determines survival of cardiac myocytes. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1662-H1669. | 3.2 | 12 |
| 46 | Protein Kinase CK2 Regulates the Dimerization of Histone Deacetylase 1 (HDAC1) and HDAC2 during Mitosis. Journal of Biological Chemistry, 2013, 288, 16518-16528. | 3.4 | 48 |
| 47 | Yin Yang Gene Expression Ratio Signature for Lung Cancer Prognosis. PLoS ONE, 2013, 8, e68742. | 2.5 | 12 |
| 48 | Mitogen- and Stress-Activated Protein Kinases 1 and 2 Are Required for Maximal Trefoil Factor 1 Induction. PLoS ONE, 2013, 8, e63189. | 2.5 | 12 |
| 49 | Pre-mRNA splicing: Role of epigenetics and implications in disease. Advances in Biological Regulation, 2012, 52, 377-388. | 2.3 | 36 |
| 50 | Histone H3 phosphorylation, immediate-early gene expression, and the nucleosomal response: a historical perspective<sup>1</sup>This article is part of Special Issue entitled Asilomar Chromatin and has undergone the Journalâ€™s usual peer review process.. Biochemistry and Cell Biology, 2012, 90, 39-54. | 2.0 | 51 |
| 51 | Mitogen- and Stress-Activated Kinase 1 (MSK1) Regulates Cigarette Smoke-Induced Histone Modifications on NF-ÎºB-dependent Genes. PLoS ONE, 2012, 7, e31378. | 2.5 | 51 |
| 52 | Roles of histone deacetylases in epigenetic regulation: emerging paradigms from studies with inhibitors. Clinical Epigenetics, 2012, 4, 5. | 4.1 | 388 |
| 53 | Activation and function of immediate-early genes in the nervous systemThis paper is one of a selection of papers in a Special Issue entitled 31st Annual International Asilomar Chromatin and Chromosomes Conference, and has undergone the Journalâ€™s usual peer review process.. Biochemistry and Cell Biology, 2011, 89, 61-73. | 2.0 | 122 |
| 54 | Role of MSK1 in the Malignant Phenotype of Ras-transformed Mouse Fibroblasts. Journal of Biological Chemistry, 2011, 286, 42-49. | 3.4 | 30 |

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| 55 | Gene expression regulation through 14-3-3 interactions with histones and HDACs. Discovery Medicine, 2011, 11, 349-58. | 0.5 | 18 |
| 56 | The role of Sp1 and Sp3 in normal and cancer cell biology. Annals of Anatomy, 2010, 192, 275-283. | 1.9 | 279 |
| 57 | Nucleosomal response, immediate-early gene expression and cell transformation. Advances in Enzyme Regulation, 2010, 50, 135-145. | 2.6 | 9 |
| 58 | Estrogen regulated expression of the p21<sup>Waf1/Cip1</sup> gene in estrogen receptor positive human breast cancer cells. Journal of Cellular Physiology, 2010, 224, 28-32. | 4.1 | 46 |
| 59 | Promoter chromatin remodeling of immediate-early genes is mediated through H3 phosphorylation at either serine 28 or 10 by the MSK1 multi-protein complex. Nucleic Acids Research, 2010, 38, 3196-3208. | 14.5 | 130 |
| 60 | Selective Association of Peroxiredoxin 1 with Genomic DNA and COX-2 Upstream Promoter Elements in Estrogen Receptor Negative Breast Cancer Cells. Molecular Biology of the Cell, 2010, 21, 2987-2995. | 2.1 | 36 |
| 61 | Genomic instability and histone H3 phosphorylation induction by the Rasâ€mitogen activated protein kinase pathway in pancreatic cancer cells. International Journal of Cancer, 2009, 124, 562-567. | 5.1 | 14 |
| 62 | Epigenetic control. Journal of Cellular Physiology, 2009, 219, 243-250. | 4.1 | 319 |
| 63 | Increased genomic instability and altered chromosomal protein phosphorylation timing in HRASâ€transformed mouse fibroblasts. Genes Chromosomes and Cancer, 2009, 48, 397-409. | 2.8 | 15 |
| 64 | H3 phosphorylation: dual role in mitosis and interphaseThis paper is one of a selection of papers published in this Special Issue entitled 30th Annual International Asilomar Chromatin and Chromosomes Conference and has undergone the Journalâ€™s usual peer review process.. Biochemistry and Cell Biology, 2009, 87, 695-709. | 2.0 | 105 |
| 65 | Biotin is not a natural histone modification. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2009, 1789, 719-733. | 1.9 | 34 |
| 66 | Chromatin organization and nuclear microenvironments in cancer cells. Journal of Cellular Biochemistry, 2008, 104, 2004-2015. | 2.6 | 51 |
| 67 | Mitotic partitioning of transcription factors. Journal of Cellular Biochemistry, 2008, 105, 1-8. | 2.6 | 44 |
| 68 | Association of Sp3 and estrogen receptor Î± with the transcriptionally active trefoil factor 1 promoter in MCFâ€7 breast cancer cells. Journal of Cellular Biochemistry, 2008, 105, 365-369. | 2.6 | 10 |
| 69 | Nuclear microenvironments and cancer. Journal of Cellular Biochemistry, 2008, 104, 1949-1952. | 2.6 | 9 |
| 70 | Nuclear organization and chromatin dynamics â€“ Sp1, Sp3 and histone deacetylases. Advances in Enzyme Regulation, 2008, 48, 189-208. | 2.6 | 72 |
| 71 | Effects of the In Vivo Supply of Butyrate on Histone Acetylation of Cecum in Piglets. Journal of Parenteral and Enteral Nutrition, 2008, 32, 51-56. | 2.6 | 21 |
| 72 | Differential Distribution of Unmodified and Phosphorylated Histone Deacetylase 2 in Chromatin. Journal of Biological Chemistry, 2007, 282, 33227-33236. | 3.4 | 53 |

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| 73 | Phosphorylated serine 28 of histone H3 is associated with destabilized nucleosomes in transcribed chromatin. Nucleic Acids Research, 2007, 35, 6640-6647. | 14.5 | 36 |
| 74 | Suppression of DPYD expression in RKO Cells via DNA methylation in the regulatory region of the DPYD promoter: a potentially important epigenetic mechanism regulating DPYD expression. Biochemistry and Cell Biology, 2007, 85, 337-346. | 2.0 | 19 |
| 75 | Competitive inhibition of histone deacetylase activity by trichostatin A and butyrate. Biochemistry and Cell Biology, 2007, 85, 751-758. | 2.0 | 97 |
| 76 | An integrated analysis of genes and pathways exhibiting metabolic differences between estrogen receptor positive breast cancer cells. BMC Cancer, 2007, 7, 181. | 2.6 | 14 |
| 77 | Estrogen receptor-Î² regulates psoriasin (S100A7) in human breast cancer. Breast Cancer Research and Treatment, 2007, 104, 75-85. | 2.5 | 34 |
| 78 | Histone H4-K16 Acetylation Controls Chromatin Structure and Protein Interactions. Science, 2006, 311, 844-847. | 12.6 | 1,881 |
| 79 | Potential role of estrogen receptor Î± (ERÎ±) phosphorylated at Serine118 in human breast cancer in vivo. Journal of Steroid Biochemistry and Molecular Biology, 2006, 102, 139-146. | 2.5 | 39 |
| 80 | The role of Sp1 and Sp3 in the constitutive DPYD gene expression. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2006, 1759, 247-256. | 2.4 | 28 |
| 81 | Sp1 and Sp3 foci distribution throughout mitosis. Journal of Cell Science, 2006, 119, 1063-1070. | 2.0 | 39 |
| 82 | Chromatin Modification of the Trefoil Factor 1 Gene in Human Breast Cancer Cells by the Ras/Mitogen-Activated Protein Kinase Pathway. Cancer Research, 2006, 66, 4610-4616. | 0.9 | 45 |
| 83 | Estrogen Receptor-Î± Phosphorylated at Ser118 Is Present at the Promoters of Estrogen-Regulated Genes and Is Not Altered Due to HER-2 Overexpression. Cancer Research, 2006, 66, 10162-10170. | 0.9 | 73 |
| 84 | Transcriptional Silencing of the Death Gene BNIP3 by Cooperative Action of NF-ÎºB and Histone Deacetylase 1 in Ventricular Myocytes. Circulation Research, 2006, 99, 1347-1354. | 4.5 | 67 |
| 85 | Phosphorylation of Histones by Tissue Transglutaminase. Journal of Biological Chemistry, 2006, 281, 5532-5538. | 3.4 | 82 |
| 86 | Abnormalities of chromatin in tumor cells. , 2006, , 25-47. | | 16 |
| 87 | Stimulation of the Ras-MAPK pathway leads to independent phosphorylation of histone H3 on serine 10 and 28. Oncogene, 2005, 24, 3492-3502. | 5.9 | 69 |
| 88 | Histone modifications as a platform for cancer therapy. Journal of Cellular Biochemistry, 2005, 94, 1088-1102. | 2.6 | 59 |
| 89 | Inducible upregulation of oestrogen receptor-Î²1 affects oestrogen and tamoxifen responsiveness in MCF7 human breast cancer cells. Journal of Molecular Endocrinology, 2005, 34, 553-566. | 2.5 | 64 |
| 90 | Differential Intranuclear Organization of Transcription Factors Sp1 and Sp3. Molecular Biology of the Cell, 2005, 16, 4073-4083. | 2.1 | 57 |

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| 91 | Estrogen regulation of trefoil factor 1 expression by estrogen receptor Î± and Sp proteins. Experimental Cell Research, 2005, 302, 96-107. | 2.6 | 51 |
| 92 | The Ras-MAPK signal transduction pathway, cancer and chromatin remodeling. Biochemistry and Cell Biology, 2005, 83, 1-14. | 2.0 | 201 |
| 93 | Mitogen- and Stress-Activated Protein Kinase 1 Activity and Histone H3 Phosphorylation in Oncogene-Transformed Mouse Fibroblasts. Cancer Research, 2004, 64, 9076-9079. | 0.9 | 34 |
| 94 | Identification of a direct Dlx homeodomain target in the developing mouse forebrain and retina by optimization of chromatin immunoprecipitation. Nucleic Acids Research, 2004, 32, 884-892. | 14.5 | 50 |
| 95 | Gene regulation by Sp1 and Sp3. Biochemistry and Cell Biology, 2004, 82, 460-471. | 2.0 | 366 |
| 96 | Elevated expression of the estrogen receptor prevents the down-regulation of p21Waf1/Cip1 in hormone dependent breast cancer cells. Journal of Cellular Biochemistry, 2004, 93, 619-628. | 2.6 | 3 |
| 97 | Histone modifications. New Comprehensive Biochemistry, 2004, , 205-240. | 0.1 | 5 |
| 98 | MSK1 and MSK2 Mediate Mitogen- and Stress-Induced Phosphorylation of Histone H3: A Controversy Resolved. Science Signaling, 2003, 2003, pe33-pe33. | 3.6 | 56 |
| 99 | CHD1 associates with NCoR and histone deacetylase as well as with RNA splicing proteins. Biochemical and Biophysical Research Communications, 2003, 308, 170-176. | 2.1 | 51 |
| 100 | The insulator binding protein CTCF associates with the nuclear matrix. Experimental Cell Research, 2003, 288, 218-223. | 2.6 | 81 |
| 101 | Measurement of histone acetyltransferase and histone deacetylase activities and kinetics of histone acetylation. Methods, 2003, 31, 12-23. | 3.8 | 39 |
| 102 | Chromatin immunoprecipitation: a tool for studying histone acetylation and transcription factor binding. Methods, 2003, 31, 67-75. | 3.8 | 155 |
| 103 | The many roles of the transcriptional regulator CTCF. Biochemistry and Cell Biology, 2003, 81, 161-167. | 2.0 | 61 |
| 104 | Inhibition of Histone Deacetylase Activity by Butyrate. Journal of Nutrition, 2003, 133, 2485S-2493S. | 2.9 | 1,084 |
| 105 | The Transcriptional Repressor Sp3 Is Associated with CK2-phosphorylated Histone Deacetylase 2. Journal of Biological Chemistry, 2002, 277, 35783-35786. | 3.4 | 80 |
| 106 | Isolation of Proteins Cross-linked to DNA by Formaldehyde. , 2002, , 753-758. | | 6 |
| 107 | Protein Blotting of Basic Proteins Resolved on Acid-Urea-Triton-Polyacrylamide Gels. , 2002, , 337-342. | | 0 |
| 108 | Isolation of Proteins Cross-linked to DNA by Cisplatin. , 2002, , 747-752. | | 3 |

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| 109 | NAPP2, a Peroxisomal Membrane Protein, Is Also a Transcriptional Corepressor. Genomics, 2002, 79, 423-431. | 2.9 | 14 |
| 110 | The estrogen receptor: more than the average transcription factor. Biochemistry and Cell Biology, 2002, 80, 335-341. | 2.0 | 49 |
| 111 | Characterization of stably transfected fusion protein GFP-estrogen receptor-? in MCF-7 human breast cancer cells. Journal of Cellular Biochemistry, 2002, 86, 365-375. | 2.6 | 16 |
| 112 | Isolation of transcriptionally active chromatin from human breast cancer cells using Sulfolink coupling gel chromatography. Journal of Cellular Biochemistry, 2002, 84, 439-446. | 2.6 | 3 |
| 113 | Histone H1S-3 phosphorylation in Ha-ras oncogene-transformed mouse fibroblasts. Oncogene, 2002, 21, 8397-8403. | 5.9 | 33 |
| 114 | Ser-10 phosphorylation of histone H3 and immediate early gene expression in oncogene-transformed mouse fibroblasts. Cancer Research, 2002, 62, 75-8. | 0.9 | 94 |
| 115 | Regulation of Neuronal Traits by a Novel Transcriptional Complex. Neuron, 2001, 31, 353-365. | 8.1 | 400 |
| 116 | CUG-initiated FGF-2 induces chromatin compaction in cultured cardiac myocytes and in vitro. Journal of Cellular Physiology, 2001, 186, 457-467. | 4.1 | 22 |
| 117 | Effect of Estradiol on Histone Acetylation Dynamics in Human Breast Cancer Cells. Journal of Biological Chemistry, 2001, 276, 49435-49442. | 3.4 | 57 |
| 118 | An Essential Role for Mad Homology Domain 1 in the Association of Smad3 with Histone Deacetylase Activity*. Journal of Biological Chemistry, 2001, 276, 22595-22603. | 3.4 | 34 |
| 119 | Dynamically Acetylated Histone Association with Transcriptionally Active and Competent Genes in the Avian Adult Î²-Globin Gene Domain. Journal of Biological Chemistry, 2001, 276, 34810-34815. | 3.4 | 31 |
| 120 | Expression of E1 Component of Human Branched-Chain Î±-Keto Acid Dehydrogenase Complex in Escherichia coli by Cotransformation with Chaperonins GroEL GroES. Methods in Enzymology, 2000, 324, 179-191. | 1.0 | 12 |
| 121 | Signal transduction pathways and chromatin structure in cancer cells. Journal of Cellular Biochemistry, 2000, 79, 27-35. | 2.6 | 20 |
| 122 | Control of Chromatin Remodeling. Critical Reviews in Eukaryotic Gene Expression, 2000, 10, 303-25. | 0.9 | 32 |
| 123 | Tamoxifen-Bound Estrogen Receptor (ER) Strongly Interacts with the Nuclear Matrix Protein HET/SAF-B, a Novel Inhibitor of ER-Mediated Transactivation. Molecular Endocrinology, 2000, 14, 369-381. | 3.7 | 89 |
| 124 | Drosophila C-terminal Binding Protein Functions as a Context-dependent Transcriptional Co-factor and Interferes with Both Mad and Groucho Transcriptional Repression. Journal of Biological Chemistry, 2000, 275, 37628-37637. | 3.4 | 75 |
| 125 | Rapid Induction of Histone Hyperacetylation and Cellular Differentiation in Human Breast Tumor Cell Lines following Degradation of Histone Deacetylase-1. Journal of Biological Chemistry, 2000, 275, 35256-35263. | 3.4 | 84 |
| 126 | The Human Factors YY1 and LSF Repress the Human Immunodeficiency Virus Type 1 Long Terminal Repeat via Recruitment of Histone Deacetylase 1. Journal of Virology, 2000, 74, 6790-6799. | 3.4 | 330 |

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| 127 | Signal transduction pathways and chromatin structure in cancer cells. Journal of Cellular Biochemistry, 2000, 79, 27-35. | 2.6 | 1 |
| 128 | Control of Chromatin Remodeling. Critical Reviews in Eukaryotic Gene Expression, 2000, 10, 24. | 0.9 | 3 |
| 129 | Increased Ser-10 Phosphorylation of Histone H3 in Mitogen-stimulated and Oncogene-transformed Mouse Fibroblasts. Journal of Biological Chemistry, 1999, 274, 24914-24920. | 3.4 | 248 |
| 130 | Direct Visualization of the Human Estrogen Receptor Î± Reveals a Role for Ligand in the Nuclear Distribution of the Receptor. Molecular Biology of the Cell, 1999, 10, 471-486. | 2.1 | 233 |
| 131 | Control of histone modifications. , 1999, 75, 141-148. | | 116 |
| 132 | Role of covalent modifications of histones in regulating gene expression. Gene, 1999, 240, 1-12. | 2.2 | 270 |
| 133 | Purification and Characterization of Chicken Erythrocyte Histone Deacetylase 1â€. Biochemistry, 1999, 38, 5939-5947. | 2.5 | 20 |
| 134 | Regulation and regulatory parameters of histone modifications. , 1998, 72, 203-213. | | 87 |
| 135 | Ras-associated nuclear structural change appears functionally significant and independent of the mitotic signaling pathway. , 1998, 70, 130-140. | | 25 |
| 136 | Covalent modifications of histones: expression from chromatin templates. Current Opinion in Genetics and Development, 1998, 8, 173-178. | 3.3 | 182 |
| 137 | SAP30, a Component of the mSin3 Corepressor Complex Involved in N-CoR-Mediated Repression by Specific Transcription Factors. Molecular Cell, 1998, 2, 33-42. | 9.7 | 196 |
| 138 | Ubiquitination of Histone H3 in Elongating Spermatids of Rat Testes. Journal of Biological Chemistry, 1998, 273, 13165-13169. | 3.4 | 127 |
| 139 | Impaired Assembly of E1 Decarboxylase of the Branched-chain Î±-Ketoacid Dehydrogenase Complex in Type IA Maple Syrup Urine Disease. Journal of Biological Chemistry, 1998, 273, 13110-13118. | 3.4 | 40 |
| 140 | Estrogen Regulates the Association of Intermediate Filament Proteins with Nuclear DNA in Human Breast Cancer Cells. Journal of Biological Chemistry, 1998, 273, 29093-29097. | 3.4 | 33 |
| 141 | Histone Acetylation Is Required to Maintain the Unfolded Nucleosome Structure Associated with Transcribing DNA. Journal of Biological Chemistry, 1998, 273, 14516-14522. | 3.4 | 100 |
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| 143 | Estrogen Receptor Diminishes DNA-Binding Activities of Chicken GATA-1 and CACCC-Binding Proteins. DNA and Cell Biology, 1997, 16, 1477-1482. | 1.9 | 3 |
| 144 | Histone H1b Phosphorylation Is Dependent upon Ongoing Transcription and Replication in Normal and ras-transformed Mouse Fibroblasts. Journal of Biological Chemistry, 1997, 272, 8113-8116. | 3.4 | 42 |

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| 146 | Rapid Deubiquitination of Nucleosomal Histones in Human Tumor Cells Caused by Proteasome Inhibitors and Stress Response Inducers:Â Effects on Replication, Transcription, Translation, and the Cellular Stress Responseâ€. Biochemistry, 1997, 36, 14418-14429. | 2.5 | 162 |
| 147 | Histone Deacetylases Associated with the mSin3 Corepressor Mediate Mad Transcriptional Repression. Cell, 1997, 89, 349-356. | 28.9 | 929 |
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| 150 | Nuclear matrix proteins in well and poorly differentiated human breast cancer cell lines. Journal of Cellular Biochemistry, 1997, 66, 9-15. | 2.6 | 23 |
| 151 | Novel nuclear matrix protein HET binds to and influences activity of the HSP27 promoter in human breast cancer cells. Journal of Cellular Biochemistry, 1997, 67, 275-286. | 2.6 | 94 |
| 152 | In situ footprinting of chicken histone H5 gene in mature and immature erythrocytes reveals common factor-binding sites. Chromosoma, 1996, 104, 504-510. | 2.2 | 5 |
| 153 | Properties of chicken erythrocyte histone deacetylase associated with the nuclear matrix. Biochemical Journal, 1996, 314, 631-637. | 3.7 | 30 |
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| 155 | Analysis of human breast cancer nuclear proteins binding to the promoter elements of the c-myc gene. , 1996, 60, 560-571. | | 17 |
| 156 | Histone modifications, chromatin structure, and the nuclear matrix. , 1996, 62, 149-157. | | 49 |
| 157 | Developmental changes in transcription factors associated with the nuclear matrix of chicken erythrocytes. , 1996, 62, 454-466. | | 12 |
| 158 | Estrogen regulation of nuclear matrix-intermediate filament proteins in human breast cancer cells. , 1996, 63, 174-184. | | 35 |
| 159 | Novel DNase I Hypersensitive Sites in the 3â€²-Flanking Region of the Human c-mycGene. DNA and Cell Biology, 1996, 15, 543-548. | 1.9 | 5 |
| 160 | The Nuclear Matrix and the Regulation of Chromatin Organization and Function. International Review of Cytology, 1996, 162A, 191-250. | 6.2 | 55 |
| 161 | Protein Blotting of Basic Proteins Resolved on Acid-Urea-Triton-Polyacrylamide Gels. Springer Protocols, 1996, , 263-267. | 0.3 | 0 |
| 162 | In situ footprinting of chicken histone H5 gene in mature and immature erythrocytes reveals common factor-binding sites. Chromosoma, 1996, 104, 504-510. | 2.2 | 0 |

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| 163 | Differential compaction of transcriptionally competent and repressed chromatin reconstituted with histone H1 subtypes. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1260, 207-214. | 2.4 | 17 |
| 164 | Increased Phosphorylation of Histone H1 in Mouse Fibroblasts Transformed with Oncogenes or Constitutively Active Mitogen-activated Protein Kinase Kinase. Journal of Biological Chemistry, 1995, 270, 20098-20105. | 3.4 | 101 |
| 165 | Histones of Chlamydomonas reinhardtii (Synthesis, Acetylation, and Methylation). Plant Physiology, 1995, 109, 393-407. | 4.8 | 54 |
| 166 | Expression and Characterization of Branched-chain Î±-Ketoacid Dehydrogenase Kinase from the Rat. Journal of Biological Chemistry, 1995, 270, 19861-19867. | 3.4 | 56 |
| 167 | Fibroblasts transformed by combinations ofras,mycand mutant p53 exhibit increased phosphorylation of histone H1 that is independent of metastatic potential. FEBS Letters, 1995, 377, 51-53. | 2.8 | 26 |
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