

James R Davie

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

190
papers

13,993
citations

54
h-index

116
g-index

193
ext. papers

15,079
ext. citations

5.9
avg, IF

6.48
L-index

#	Paper	IF	Citations
190	The key role of differential broad H3K4me3 and H3K4ac domains in breast cancer.. <i>Gene</i> , 2022 , 146463	3.8	1
189	The chicken model organism for epigenomic research. <i>Genome</i> , 2021 , 64, 476-489	2.4	4
188	The treatment of SARS-CoV2 with antivirals and mitigation of the cytokine storm syndrome: the role of gene expression. <i>Genome</i> , 2021 , 64, 400-415	2.4	
187	Epigenetic regulation of ACE2, the receptor of the SARS-CoV-2 virus. <i>Genome</i> , 2021 , 64, 386-399	2.4	17
186	The dynamic broad epigenetic (H3K4me3, H3K27ac) domain as a mark of essential genes. <i>Clinical Epigenetics</i> , 2021 , 13, 138	7.7	4
185	Mitogen-induced transcriptional programming in human fibroblasts. <i>Gene</i> , 2021 , 800, 145842	3.8	0
184	Genomic landscape of transcriptionally active histone arginine methylation marks, H3R2me2s and H4R3me2a, relative to nucleosome depleted regions. <i>Gene</i> , 2020 , 742, 144593	3.8	8
183	SARS-CoV-2 multifaceted interaction with the human host. Part II: Innate immunity response, immunopathology, and epigenetics. <i>IUBMB Life</i> , 2020 , 72, 2331-2354	4.7	16
182	SARS-CoV-2 multifaceted interaction with human host. Part I: What we have learnt and done so far, and the still unknown realities. <i>IUBMB Life</i> , 2020 , 72, 2313-2330	4.7	7
181	Chronic Ethanol Exposure Alters DNA Methylation in Neural Stem Cells: Role of Mouse Strain and Sex. <i>Molecular Neurobiology</i> , 2020 , 57, 650-667	6.2	16
180	Atypical chromatin structure of immune-related genes expressed in chicken erythrocytes. <i>Biochemistry and Cell Biology</i> , 2020 , 98, 171-177	3.6	6
179	Genome-Wide Transcriptome Landscape of Embryonic Brain-Derived Neural Stem Cells Exposed to Alcohol with Strain-Specific Cross-Examination in BL6 and CD1 Mice. <i>Scientific Reports</i> , 2019 , 9, 206	4.9	15
178	Global DNA Methylation and Histone Posttranslational Modifications in Human and Nonhuman Primate Brain in Association with Prenatal Alcohol Exposure. <i>Alcoholism: Clinical and Experimental Research</i> , 2019 , 43, 1145-1162	3.7	6
177	DNA Methylation Contributes to the Differential Expression Levels of in Male Mice Neurons and Astrocytes. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
176	Chromatin organization of transcribed genes in chicken polychromatic erythrocytes. <i>Gene</i> , 2019 , 699, 80-87	3.8	6
175	DNA methylation and chromatin modifications 2019 , 13-36		2
174	Mitogen and stress- activated protein kinase regulated gene expression in cancer cells. <i>Advances in Biological Regulation</i> , 2019 , 71, 147-155	6.2	12

173	DNA methylation and histone post-translational modification stability in post-mortem brain tissue. <i>Clinical Epigenetics</i> , 2019 , 11, 5	7.7	12
172	Transcription-dependent association of HDAC2 with active chromatin. <i>Journal of Cellular Physiology</i> , 2018 , 233, 1650-1657	7	7
171	Mitogen-induced distinct epialleles are phosphorylated at either H3S10 or H3S28, depending on H3K27 acetylation. <i>Molecular Biology of the Cell</i> , 2017 , 28, 817-824	3.5	10
170	A 16 Yin Yang gene expression ratio signature for ER+/node- breast cancer. <i>International Journal of Cancer</i> , 2017 , 140, 1413-1424	7.5	7
169	Ubiquitin C-terminal hydrolase isozyme L1 is associated with shelterin complex at interstitial telomeric sites. <i>Epigenetics and Chromatin</i> , 2017 , 10, 54	5.8	4
168	The discovery and development of the CRISPR system in applications in genome manipulation. <i>Biochemistry and Cell Biology</i> , 2017 , 95, 203-210	3.6	9
167	Histone H3K4 trimethylation: dynamic interplay with pre-mRNA splicing. <i>Biochemistry and Cell Biology</i> , 2016 , 94, 1-11	3.6	28
166	Connecting the dots: chromatin and alternative splicing in EMT. <i>Biochemistry and Cell Biology</i> , 2016 , 94, 12-25	3.6	14
165	Epigenetics: Chromatin Organization and Function. <i>Cardiac and Vascular Biology</i> , 2016 , 1-35	0.2	
164	The chicken erythrocyte epigenome. <i>Epigenetics and Chromatin</i> , 2016 , 9, 19	5.8	17
163	High Mobility Group A2 protects cancer cells against telomere dysfunction. <i>Oncotarget</i> , 2016 , 7, 12761-823	3.3	15
162	Dynamic Histone Acetylation of H3K4me3 Nucleosome Regulates MCL1 Pre-mRNA Splicing. <i>Journal of Cellular Physiology</i> , 2016 , 231, 2196-204	7	12
161	A 10-Gene Yin Yang Expression Ratio Signature for Stage IA and IB Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 2150-2160	8.9	10
160	PDK2-mediated alternative splicing switches Bnip3 from cell death to cell survival. <i>Journal of Cell Biology</i> , 2015 , 210, 1101-15	7.3	22
159	The steroid receptor RNA activator protein (SRAP) controls cancer cell migration/motility. <i>FEBS Letters</i> , 2015 , 589, 4010-8	3.8	11
158	Protein arginine methyltransferases (PRMTs): role in chromatin organization. <i>Advances in Biological Regulation</i> , 2015 , 57, 173-84	6.2	48
157	DNA modifications: function and applications in normal and disease States. <i>Biology</i> , 2014 , 3, 670-723	4.9	89
156	RNA-dependent dynamic histone acetylation regulates MCL1 alternative splicing. <i>Nucleic Acids Research</i> , 2014 , 42, 1656-70	20.1	35

155	Dual cross-linking ribonucleoprotein immunoprecipitation assay. <i>Biochemistry and Cell Biology</i> , 2014 , 92, 317-9	3.6	2
154	Dynamic distribution of HDAC1 and HDAC2 during mitosis: association with F-actin. <i>Journal of Cellular Physiology</i> , 2013 , 228, 1525-35	7	18
153	Regulation of chromatin structure via histone post-translational modification and the link to carcinogenesis. <i>Cancer and Metastasis Reviews</i> , 2013 , 32, 363-76	9.6	43
152	Targeting class I histone deacetylases in cancer therapy. <i>Expert Opinion on Therapeutic Targets</i> , 2013 , 17, 29-41	6.4	53
151	Immediate early response genes and cell transformation. <i>Pharmacology & Therapeutics</i> , 2013 , 137, 64-77	13.9	70
150	HDAC inhibitors prevent the induction of the immediate-early gene FOSL1, but do not alter the nucleosome response. <i>FEBS Letters</i> , 2013 , 587, 1510-7	3.8	9
149	Epigenetic regulation of canonical TNF α pathway by HDAC1 determines survival of cardiac myocytes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013 , 304, H1662-9	5.2	10
148	Protein kinase CK2 regulates the dimerization of histone deacetylase 1 (HDAC1) and HDAC2 during mitosis. <i>Journal of Biological Chemistry</i> , 2013 , 288, 16518-16528	5.4	37
147	Yin Yang gene expression ratio signature for lung cancer prognosis. <i>PLoS ONE</i> , 2013 , 8, e68742	3.7	11
146	Mitogen- and stress-activated protein kinases 1 and 2 are required for maximal trefoil factor 1 induction. <i>PLoS ONE</i> , 2013 , 8, e63189	3.7	11
145	Roles of histone deacetylases in epigenetic regulation: emerging paradigms from studies with inhibitors. <i>Clinical Epigenetics</i> , 2012 , 4, 5	7.7	315
144	Pre-mRNA splicing: role of epigenetics and implications in disease. <i>Advances in Biological Regulation</i> , 2012 , 52, 377-88	6.2	32
143	Histone H3 phosphorylation, immediate-early gene expression, and the nucleosomal response: a historical perspective. <i>Biochemistry and Cell Biology</i> , 2012 , 90, 39-54	3.6	46
142	Mitogen- and stress-activated kinase 1 (MSK1) regulates cigarette smoke-induced histone modifications on NF- κ B-dependent genes. <i>PLoS ONE</i> , 2012 , 7, e31378	3.7	48
141	Activation and function of immediate-early genes in the nervous system. <i>Biochemistry and Cell Biology</i> , 2011 , 89, 61-73	3.6	94
140	Role of MSK1 in the malignant phenotype of Ras-transformed mouse fibroblasts. <i>Journal of Biological Chemistry</i> , 2011 , 286, 42-9	5.4	24
139	Gene expression regulation through 14-3-3 interactions with histones and HDACs. <i>Discovery Medicine</i> , 2011 , 11, 349-58	2.5	17
138	Promoter chromatin remodeling of immediate-early genes is mediated through H3 phosphorylation at either serine 28 or 10 by the MSK1 multi-protein complex. <i>Nucleic Acids Research</i> , 2010 , 38, 3196-208	20.1	115

137	Selective association of peroxiredoxin 1 with genomic DNA and COX-2 upstream promoter elements in estrogen receptor negative breast cancer cells. <i>Molecular Biology of the Cell</i> , 2010 , 21, 2987-3005	3.5	31
136	Epigenetic Analysis of Pluripotent Cells 2010 , 273-288		
135	The role of Sp1 and Sp3 in normal and cancer cell biology. <i>Annals of Anatomy</i> , 2010 , 192, 275-83	2.9	241
134	Nucleosomal response, immediate-early gene expression and cell transformation. <i>Advances in Enzyme Regulation</i> , 2010 , 50, 135-45		9
133	Estrogen regulated expression of the p21 Waf1/Cip1 gene in estrogen receptor positive human breast cancer cells. <i>Journal of Cellular Physiology</i> , 2010 , 224, 28-32	7	35
132	Genomic instability and histone H3 phosphorylation induction by the Ras-mitogen activated protein kinase pathway in pancreatic cancer cells. <i>International Journal of Cancer</i> , 2009 , 124, 562-7	7.5	12
131	Epigenetic control. <i>Journal of Cellular Physiology</i> , 2009 , 219, 243-50	7	253
130	Increased genomic instability and altered chromosomal protein phosphorylation timing in HRAS-transformed mouse fibroblasts. <i>Genes Chromosomes and Cancer</i> , 2009 , 48, 397-409	5	12
129	H3 phosphorylation: dual role in mitosis and interphase. <i>Biochemistry and Cell Biology</i> , 2009 , 87, 695-709	3.6	86
128	Biotin is not a natural histone modification. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2009 , 1789, 719-33	6	30
127	Western Blotting of Basic Proteins Electrophoretically Resolved on Acid-Urea-Triton-Polyacrylamide Gels. <i>Springer Protocols</i> , 2009 , 635-639	0.3	
126	Effects of the in vivo supply of butyrate on histone acetylation of cecum in piglets. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008 , 32, 51-6	4.2	15
125	Chromatin organization and nuclear microenvironments in cancer cells. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 2004-15	4.7	43
124	Mitotic partitioning of transcription factors. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 1-8	4.7	41
123	Association of Sp3 and estrogen receptor alpha with the transcriptionally active trefoil factor 1 promoter in MCF-7 breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 2008 , 105, 365-9	4.7	10
122	Nuclear microenvironments and cancer. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 1949-52	4.7	8
121	Nuclear organization and chromatin dynamics--Sp1, Sp3 and histone deacetylases. <i>Advances in Enzyme Regulation</i> , 2008 , 48, 189-208		65
120	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. <i>Biochemistry and Cell Biology</i> , 2007 , 85, 337-46	3.6	14

119	Competitive inhibition of histone deacetylase activity by trichostatin A and butyrate. <i>Biochemistry and Cell Biology</i> , 2007 , 85, 751-8	3.6	83
118	An integrated analysis of genes and pathways exhibiting metabolic differences between estrogen receptor positive breast cancer cells. <i>BMC Cancer</i> , 2007 , 7, 181	4.8	10
117	Estrogen receptor-beta regulates psoriasin (S100A7) in human breast cancer. <i>Breast Cancer Research and Treatment</i> , 2007 , 104, 75-85	4.4	29
116	Differential distribution of unmodified and phosphorylated histone deacetylase 2 in chromatin. <i>Journal of Biological Chemistry</i> , 2007 , 282, 33227-36	5.4	41
115	Phosphorylated serine 28 of histone H3 is associated with destabilized nucleosomes in transcribed chromatin. <i>Nucleic Acids Research</i> , 2007 , 35, 6640-7	20.1	31
114	The role of Sp1 and Sp3 in the constitutive DPYD gene expression. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2006 , 1759, 247-56		24
113	Sp1 and Sp3 foci distribution throughout mitosis. <i>Journal of Cell Science</i> , 2006 , 119, 1063-70	5.3	34
112	Chromatin modification of the trefoil factor 1 gene in human breast cancer cells by the Ras/mitogen-activated protein kinase pathway. <i>Cancer Research</i> , 2006 , 66, 4610-6	10.1	45
111	Estrogen receptor-alpha phosphorylated at Ser118 is present at the promoters of estrogen-regulated genes and is not altered due to HER-2 overexpression. <i>Cancer Research</i> , 2006 , 66, 10162-70	10.1	62
110	Transcriptional silencing of the death gene BNIP3 by cooperative action of NF-kappaB and histone deacetylase 1 in ventricular myocytes. <i>Circulation Research</i> , 2006 , 99, 1347-54	15.7	61
109	Phosphorylation of histones by tissue transglutaminase. <i>Journal of Biological Chemistry</i> , 2006 , 281, 5532-84	5.4	72
108	Histone H4-K16 acetylation controls chromatin structure and protein interactions. <i>Science</i> , 2006 , 311, 844-7	33.3	1616
107	Potential role of estrogen receptor alpha (ERalpha) phosphorylated at Serine118 in human breast cancer in vivo. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006 , 102, 139-46	5.1	36
106	Abnormalities of chromatin in tumor cells. <i>Exs</i> , 2006 , 25-47		13
105	Estrogen regulation of trefoil factor 1 expression by estrogen receptor alpha and Sp proteins. <i>Experimental Cell Research</i> , 2005 , 302, 96-107	4.2	48
104	The Ras-MAPK signal transduction pathway, cancer and chromatin remodeling. <i>Biochemistry and Cell Biology</i> , 2005 , 83, 1-14	3.6	189
103	Stimulation of the Ras-MAPK pathway leads to independent phosphorylation of histone H3 on serine 10 and 28. <i>Oncogene</i> , 2005 , 24, 3492-502	9.2	65
102	Histone modifications as a platform for cancer therapy. <i>Journal of Cellular Biochemistry</i> , 2005 , 94, 1088-107	10.7	54

101	Inducible upregulation of oestrogen receptor-beta1 affects oestrogen and tamoxifen responsiveness in MCF7 human breast cancer cells. <i>Journal of Molecular Endocrinology</i> , 2005 , 34, 553-66	4.5	59
100	Differential intranuclear organization of transcription factors Sp1 and Sp3. <i>Molecular Biology of the Cell</i> , 2005 , 16, 4073-83	3.5	51
99	Mitogen- and stress-activated protein kinase 1 activity and histone h3 phosphorylation in oncogene-transformed mouse fibroblasts. <i>Cancer Research</i> , 2004 , 64, 9076-9	10.1	33
98	Identification of a direct Dlx homeodomain target in the developing mouse forebrain and retina by optimization of chromatin immunoprecipitation. <i>Nucleic Acids Research</i> , 2004 , 32, 884-92	20.1	41
97	Gene regulation by Sp1 and Sp3. <i>Biochemistry and Cell Biology</i> , 2004 , 82, 460-71	3.6	345
96	Elevated expression of the estrogen receptor prevents the down-regulation of p21Waf1/Cip1 in hormone dependent breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 2004 , 93, 619-28	4.7	2
95	Histone modifications. <i>New Comprehensive Biochemistry</i> , 2004 , 205-240		5
94	Inhibition of histone deacetylase activity by butyrate. <i>Journal of Nutrition</i> , 2003 , 133, 2485S-2493S	4.1	841
93	MSK1 and MSK2 mediate mitogen- and stress-induced phosphorylation of histone H3: a controversy resolved. <i>Science Signaling</i> , 2003 , 2003, PE33	8.8	45
92	CHD1 associates with NCoR and histone deacetylase as well as with RNA splicing proteins. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 308, 170-6	3.4	45
91	The insulator binding protein CTCF associates with the nuclear matrix. <i>Experimental Cell Research</i> , 2003 , 288, 218-23	4.2	74
90	Measurement of histone acetyltransferase and histone deacetylase activities and kinetics of histone acetylation. <i>Methods</i> , 2003 , 31, 12-23	4.6	35
89	Chromatin immunoprecipitation: a tool for studying histone acetylation and transcription factor binding. <i>Methods</i> , 2003 , 31, 67-75	4.6	139
88	The many roles of the transcriptional regulator CTCF. <i>Biochemistry and Cell Biology</i> , 2003 , 81, 161-7	3.6	59
87	Characterization of stably transfected fusion protein GFP-estrogen receptor-alpha in MCF-7 human breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 2002 , 86, 365-75	4.7	14
86	Isolation of transcriptionally active chromatin from human breast cancer cells using Sulfolink coupling gel chromatography. <i>Journal of Cellular Biochemistry</i> , 2002 , 84, 439-46	4.7	3
85	Histone H1(S)-3 phosphorylation in Ha-ras oncogene-transformed mouse fibroblasts. <i>Oncogene</i> , 2002 , 21, 8397-403	9.2	33
84	The transcriptional repressor Sp3 is associated with CK2-phosphorylated histone deacetylase 2. <i>Journal of Biological Chemistry</i> , 2002 , 277, 35783-6	5.4	69

83	Isolation of Proteins Cross-linked to DNA by Formaldehyde 2002 , 753-758		6
82	Protein Blotting of Basic Proteins Resolved on Acid-Urea-Triton-Polyacrylamide Gels 2002 , 337-342		
81	Isolation of Proteins Cross-linked to DNA by Cisplatin 2002 , 747-752		3
80	NAPP2, a peroxisomal membrane protein, is also a transcriptional corepressor. <i>Genomics</i> , 2002 , 79, 423-431	3.13	14
79	The estrogen receptor: more than the average transcription factor. <i>Biochemistry and Cell Biology</i> , 2002 , 80, 335-41	3.6	44
78	Ser-10 phosphorylation of histone H3 and immediate early gene expression in oncogene-transformed mouse fibroblasts. <i>Cancer Research</i> , 2002 , 62, 75-8	10.1	84
77	CUG-initiated FGF-2 induces chromatin compaction in cultured cardiac myocytes and in vitro. <i>Journal of Cellular Physiology</i> , 2001 , 186, 457-67	7	21
76	Effect of estradiol on histone acetylation dynamics in human breast cancer cells. <i>Journal of Biological Chemistry</i> , 2001 , 276, 49435-42	5.4	47
75	An essential role for Mad homology domain 1 in the association of Smad3 with histone deacetylase activity*. <i>Journal of Biological Chemistry</i> , 2001 , 276, 22595-603	5.4	32
74	Dynamically acetylated histone association with transcriptionally active and competent genes in the avian adult beta-globin gene domain. <i>Journal of Biological Chemistry</i> , 2001 , 276, 34810-5	5.4	26
73	Regulation of neuronal traits by a novel transcriptional complex. <i>Neuron</i> , 2001 , 31, 353-65	13.9	361
72	Expression of E1 component of human branched-chain alpha-keto acid dehydrogenase complex in <i>Escherichia coli</i> by cotransformation with chaperonins GroEL and GroES. <i>Methods in Enzymology</i> , 2000 , 324, 179-91	1.7	12
71	Signal transduction pathways and chromatin structure in cancer cells. <i>Journal of Cellular Biochemistry</i> , 2000 , Suppl 35, 27-35	4.7	18
70	Control of chromatin remodeling. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2000 , 10, 303-25	1.3	27
69	Tamoxifen-bound estrogen receptor (ER) strongly interacts with the nuclear matrix protein HET/SAF-B, a novel inhibitor of ER-mediated transactivation. <i>Molecular Endocrinology</i> , 2000 , 14, 369-81		85
68	Drosophila C-terminal binding protein functions as a context-dependent transcriptional co-factor and interferes with both mad and groucho transcriptional repression. <i>Journal of Biological Chemistry</i> , 2000 , 275, 37628-37	5.4	69
67	Rapid induction of histone hyperacetylation and cellular differentiation in human breast tumor cell lines following degradation of histone deacetylase-1. <i>Journal of Biological Chemistry</i> , 2000 , 275, 35256-63	5.4	80
66	The human factors YY1 and LSF repress the human immunodeficiency virus type 1 long terminal repeat via recruitment of histone deacetylase 1. <i>Journal of Virology</i> , 2000 , 74, 6790-9	6.6	291

65	Control of Chromatin Remodeling. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2000 , 10, 24	1.3	2
64	Signal transduction pathways and chromatin structure in cancer cells. <i>Journal of Cellular Biochemistry</i> , 2000 , 79, 27-35	4.7	1
63	Increased Ser-10 phosphorylation of histone H3 in mitogen-stimulated and oncogene-transformed mouse fibroblasts. <i>Journal of Biological Chemistry</i> , 1999 , 274, 24914-20	5.4	230
62	Direct visualization of the human estrogen receptor alpha reveals a role for ligand in the nuclear distribution of the receptor. <i>Molecular Biology of the Cell</i> , 1999 , 10, 471-86	3.5	222
61	Control of histone modifications. <i>Journal of Cellular Biochemistry</i> , 1999 , Suppl 32-33, 141-8	4.7	105
60	Role of covalent modifications of histones in regulating gene expression. <i>Gene</i> , 1999 , 240, 1-12	3.8	256
59	Purification and characterization of chicken erythrocyte histone deacetylase 1. <i>Biochemistry</i> , 1999 , 38, 5939-47	3.2	17
58	Regulation and regulatory parameters of histone modifications. <i>Journal of Cellular Biochemistry</i> , 1998 , 72 Suppl 30-31, 203-213	4.7	74
57	Ras-associated nuclear structural change appears functionally significant and independent of the mitotic signaling pathway 1998 , 70, 130-140		21
56	Covalent modifications of histones: expression from chromatin templates. <i>Current Opinion in Genetics and Development</i> , 1998 , 8, 173-8	4.9	176
55	SAP30, a component of the mSin3 corepressor complex involved in N-CoR-mediated repression by specific transcription factors. <i>Molecular Cell</i> , 1998 , 2, 33-42	17.6	181
54	Ubiquitination of histone H3 in elongating spermatids of rat testes. <i>Journal of Biological Chemistry</i> , 1998 , 273, 13165-9	5.4	110
53	Impaired assembly of E1 decarboxylase of the branched-chain alpha-ketoacid dehydrogenase complex in type IA maple syrup urine disease. <i>Journal of Biological Chemistry</i> , 1998 , 273, 13110-8	5.4	34
52	Estrogen regulates the association of intermediate filament proteins with nuclear DNA in human breast cancer cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 29093-7	5.4	25
51	Histone acetylation is required to maintain the unfolded nucleosome structure associated with transcribing DNA. <i>Journal of Biological Chemistry</i> , 1998 , 273, 14516-22	5.4	87
50	ETO, a target of t(8;21) in acute leukemia, interacts with the N-CoR and mSin3 corepressors. <i>Molecular and Cellular Biology</i> , 1998 , 18, 7176-84	4.8	381
49	Estrogen receptor diminishes DNA-binding activities of chicken GATA-1 and CACCC-binding proteins. <i>DNA and Cell Biology</i> , 1997 , 16, 1477-82	3.6	3
48	Histone H1b phosphorylation is dependent upon ongoing transcription and replication in normal and ras-transformed mouse fibroblasts. <i>Journal of Biological Chemistry</i> , 1997 , 272, 8113-6	5.4	40

47	Isolation and characterization of cDNAs corresponding to an additional member of the human histone deacetylase gene family. <i>Journal of Biological Chemistry</i> , 1997 , 272, 28001-7	5.4	364
46	Rapid deubiquitination of nucleosomal histones in human tumor cells caused by proteasome inhibitors and stress response inducers: effects on replication, transcription, translation, and the cellular stress response. <i>Biochemistry</i> , 1997 , 36, 14418-29	3.2	151
45	Histone deacetylases associated with the mSin3 corepressor mediate mad transcriptional repression. <i>Cell</i> , 1997 , 89, 349-56	56.2	856
44	A complex containing N-CoR, mSin3 and histone deacetylase mediates transcriptional repression. <i>Nature</i> , 1997 , 387, 43-8	50.4	1109
43	Nuclear matrix, dynamic histone acetylation and transcriptionally active chromatin. <i>Molecular Biology Reports</i> , 1997 , 24, 197-207	2.8	74
42	Nuclear matrix proteins in well and poorly differentiated human breast cancer cell lines. <i>Journal of Cellular Biochemistry</i> , 1997 , 66, 9-15	4.7	20
41	Novel nuclear matrix protein HET binds to and influences activity of the HSP27 promoter in human breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 1997 , 67, 275-286	4.7	83
40	In situ footprinting of chicken histone H5 gene in mature and immature erythrocytes reveals common factor-binding sites. <i>Chromosoma</i> , 1996 , 104, 504-10	2.8	3
39	Properties of chicken erythrocyte histone deacetylase associated with the nuclear matrix. <i>Biochemical Journal</i> , 1996 , 314 (Pt 2), 631-7	3.8	25
38	Changes in the nuclear matrix of chicken erythrocytes that accompany maturation. <i>Biochemical Journal</i> , 1996 , 320 (Pt 1), 257-65	3.8	23
37	Analysis of human breast cancer nuclear proteins binding to the promoter elements of the c-myc gene. <i>Journal of Cellular Biochemistry</i> , 1996 , 60, 560-71	4.7	14
36	Histone modifications, chromatin structure, and the nuclear matrix. <i>Journal of Cellular Biochemistry</i> , 1996 , 62, 149-57	4.7	46
35	Developmental changes in transcription factors associated with the nuclear matrix of chicken erythrocytes. <i>Journal of Cellular Biochemistry</i> , 1996 , 62, 454-66	4.7	10
34	Estrogen regulation of nuclear matrix-intermediate filament proteins in human breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 1996 , 63, 174-84	4.7	27
33	Novel DNase I hypersensitive sites in the 3Rflanking region of the human c-myc gene. <i>DNA and Cell Biology</i> , 1996 , 15, 543-8	3.6	5
32	Protein Blotting of Basic Proteins Resolved on Acid-Urea-Triton-Polyacrylamide Gels. <i>Springer Protocols</i> , 1996 , 263-267	0.3	
31	In situ footprinting of chicken histone H5 gene in mature and immature erythrocytes reveals common factor-binding sites. <i>Chromosoma</i> , 1996 , 104, 504-510	2.8	
30	Differential compaction of transcriptionally competent and repressed chromatin reconstituted with histone H1 subtypes. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995 , 1260, 207-14		17

29	Increased phosphorylation of histone H1 in mouse fibroblasts transformed with oncogenes or constitutively active mitogen-activated protein kinase kinase. <i>Journal of Biological Chemistry</i> , 1995 , 270, 20098-105	5.4	91
28	Histones of <i>Chlamydomonas reinhardtii</i> . Synthesis, acetylation, and methylation. <i>Plant Physiology</i> , 1995 , 109, 393-407	6.6	43
27	Expression and characterization of branched-chain alpha-ketoacid dehydrogenase kinase from the rat. Is it a histidine-protein kinase?. <i>Journal of Biological Chemistry</i> , 1995 , 270, 19861-7	5.4	48
26	Fibroblasts transformed by combinations of ras, myc and mutant p53 exhibit increased phosphorylation of histone H1 that is independent of metastatic potential. <i>FEBS Letters</i> , 1995 , 377, 51-3 ^{3.8}		24
25	The nuclear matrix and the regulation of chromatin organization and function. <i>International Review of Cytology</i> , 1995 , 162A, 191-250		48
24	Multiple functions of dynamic histone acetylation. <i>Journal of Cellular Biochemistry</i> , 1994 , 55, 98-105	4.7	72
23	Nuclear factor 1 is a component of the nuclear matrix. <i>Journal of Cellular Biochemistry</i> , 1994 , 55, 252-63	4.7	34
22	Inhibition of transcription selectively reduces the level of ubiquitinated histone H2B in chromatin. <i>Biochemical and Biophysical Research Communications</i> , 1994 , 203, 344-50	3.4	42
21	Transcription factor GATA-1-multiprotein complexes and chicken erythroid development. <i>FEBS Letters</i> , 1994 , 342, 273-7	3.8	5
20	In vitro reconstitution of the 24-meric E2 inner core of bovine mitochondrial branched-chain alpha-keto acid dehydrogenase complex: requirement for chaperonins GroEL and GroES. <i>Biochemistry</i> , 1994 , 33, 8962-8	3.2	20
19	C-myc gene chromatin of estrogen receptor positive and negative breast cancer cells. <i>Molecular and Cellular Endocrinology</i> , 1993 , 91, 83-9	4.4	14
18	Repression of histone H5 gene expression in chicken mature erythrocytes is correlated with reduced DNA-binding activities of transcription factors Sp1 and GATA-1. <i>FEBS Letters</i> , 1993 , 331, 141-4	3.8	9
17	Analysis of erythroid nuclear proteins binding to the promoter and enhancer elements of the chicken histone H5 gene. <i>Nucleic Acids Research</i> , 1992 , 20, 6385-92	20.1	17
16	Colonic aberrant crypt foci are associated with increased expression of c-fos: the possible role of modified c-fos expression in preneoplastic lesions in colon cancer. <i>Carcinogenesis</i> , 1992 , 13, 573-8	4.6	53
15	Molecular cloning and cDNA sequence analysis of coho salmon stanniocalcin. <i>Molecular and Cellular Endocrinology</i> , 1992 , 90, 7-15	4.4	54
14	Nuclear matrix proteins bind very tightly to specific regions of the chicken histone H5 gene. <i>Biochemistry and Cell Biology</i> , 1992 , 70, 822-9	3.6	2
13	Acetylation and methylation of histones H3 and H4 in chicken immature erythrocytes are not directly coupled. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 185, 414-9	3.4	10
12	Intracellular histamine and liver regeneration: high affinity binding of histamine to chromatin, low affinity binding to matrix, and depletion of a nuclear storage pool following partial hepatectomy. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 184, 840-7	3.4	26

11	Nuclear distribution of histone deacetylase: a marker enzyme for the internal nuclear matrix. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992 , 1130, 307-13		21
10	Western blotting and immunochemical detection of histones electrophoretically resolved on acid-urea-triton- and sodium dodecyl sulfate-polyacrylamide gels. <i>Analytical Biochemistry</i> , 1992 , 200, 339-41	3.1	50
9	Timing of the appearance of ubiquitinated histones in developing new macronuclei of <i>Tetrahymena thermophila</i> . <i>Biochemistry and Cell Biology</i> , 1991 , 69, 66-71	3.6	31
8	Ultrastructure of transcriptionally competent chromatin. <i>Nucleic Acids Research</i> , 1990 , 18, 7015-24	20.1	45
7	Level of ubiquitinated histone H2B in chromatin is coupled to ongoing transcription. <i>Biochemistry</i> , 1990 , 29, 4752-7	3.2	138
6	Structure of polyubiquitinated histone H2A. <i>Biochemistry</i> , 1989 , 28, 964-8	3.2	76
5	Ubiquitinated histone H2B is preferentially located in transcriptionally active chromatin. <i>Biochemistry</i> , 1989 , 28, 958-63	3.2	133
4	Changes in the histone H2A variant H2A.Z and polyubiquitinated histone species in developing trout testis. <i>Biochemistry</i> , 1987 , 26, 4417-21	3.2	59
3	Efficient method for visualization and isolation of proteins resolved in polyacrylamide gels. <i>Journal of Chromatography A</i> , 1984 , 298, 115-21	4.5	8
2	Two-dimensional gel systems for rapid histone analysis for use in minislab polyacrylamide gel electrophoresis. <i>Analytical Biochemistry</i> , 1982 , 120, 276-81	3.1	54
1	High-Resolution Chromatin Immunoprecipitation Assay		211-216