James R Davie

List of Publications by Year
in descending order

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190 papers	16,157 citations	28190 55 h-index	17546 121 g-index
194 all docs	194 docs citations	194 times ranked	17213 citing authors

#	Article	IF	Citations
1	Histone H4-K16 Acetylation Controls Chromatin Structure and Protein Interactions. Science, 2006, 311, 844-847.	6.0	1,881
2	A complex containing N-CoR, mSln3 and histone deacetylase mediates transcriptional repression. Nature, 1997, 387, 43-48.	13.7	1,204
3	Inhibition of Histone Deacetylase Activity by Butyrate. Journal of Nutrition, 2003, 133, 2485S-2493S.	1.3	1,084
4	Histone Deacetylases Associated with the mSin3 Corepressor Mediate Mad Transcriptional Repression. Cell, 1997, 89, 349-356.	13.5	929
5	ETO, a Target of t(8;21) in Acute Leukemia, Interacts with the N-CoR and mSin3 Corepressors. Molecular and Cellular Biology, 1998, 18, 7176-7184.	1.1	417
6	Regulation of Neuronal Traits by a Novel Transcriptional Complex. Neuron, 2001, 31, 353-365.	3.8	400
7	Isolation and Characterization of cDNAs Corresponding to an Additional Member of the Human Histone Deacetylase Gene Family. Journal of Biological Chemistry, 1997, 272, 28001-28007.	1.6	396
8	Roles of histone deacetylases in epigenetic regulation: emerging paradigms from studies with inhibitors. Clinical Epigenetics, 2012, 4, 5.	1.8	388
9	Gene regulation by Sp1 and Sp3. Biochemistry and Cell Biology, 2004, 82, 460-471.	0.9	366
10	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.	1.5	330
11	Epigenetic control. Journal of Cellular Physiology, 2009, 219, 243-250.	2.0	319
12	The role of Sp1 and Sp3 in normal and cancer cell biology. Annals of Anatomy, 2010, 192, 275-283.	1.0	279
13	Role of covalent modifications of histones in regulating gene expression. Gene, 1999, 240, 1-12.	1.0	270
14	Increased Ser-10 Phosphorylation of Histone H3 in Mitogen-stimulated and Oncogene-transformed Mouse Fibroblasts. Journal of Biological Chemistry, 1999, 274, 24914-24920.	1.6	248
15	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.	0.9	233
16	The Ras-MAPK signal transduction pathway, cancer and chromatin remodeling. Biochemistry and Cell Biology, 2005, 83, 1-14.	0.9	201
17	SAP30, a Component of the mSin3 Corepressor Complex Involved in N-CoR-Mediated Repression by Specific Transcription Factors. Molecular Cell, 1998, 2, 33-42.	4.5	196
18	Covalent modifications of histones: expression from chromatin templates. Current Opinion in Genetics and Development, 1998, 8, 173-178.	1.5	182

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19	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.	1.2	162
20	Chromatin immunoprecipitation: a tool for studying histone acetylation and transcription factor binding. Methods, 2003, 31, 67-75.	1.9	155
21	Level of ubiquitinated histone H2B in chromatin is coupled to ongoing transcription. Biochemistry, 1990, 29, 4752-4757.	1.2	146
22	Ubiquitinated histone H2B is preferentially located in transcriptionally active chromatin. Biochemistry, 1989, 28, 958-963.	1.2	140
23	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.	6.5	130
24	DNA Modifications: Function and Applications in Normal and Disease States. Biology, 2014, 3, 670-723.	1.3	129
25	Ubiquitination of Histone H3 in Elongating Spermatids of Rat Testes. Journal of Biological Chemistry, 1998, 273, 13165-13169.	1.6	127
26	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.	0.9	122
27	Control of histone modifications. , 1999, 75, 141-148.		116
28	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.	0.9	105
29	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.	1.6	101
30	Immediate early response genes and cell transformation. , 2013, 137, 64-77.		101
31	Histone Acetylation Is Required to Maintain the Unfolded Nucleosome Structure Associated with Transcribing DNA. Journal of Biological Chemistry, 1998, 273, 14516-14522.	1.6	100
32	Competitive inhibition of histone deacetylase activity by trichostatin A and butyrate. Biochemistry and Cell Biology, 2007, 85, 751-758.	0.9	97
33	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.	1.2	94
34	Ser-10 phosphorylation of histone H3 and immediate early gene expression in oncogene-transformed mouse fibroblasts. Cancer Research, 2002, 62, 75-8.	0.4	94
35	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
36	Regulation and regulatory parameters of histone modifications. , 1998, 72, 203-213.		87

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37	Nuclear matrix, dynamic histone acetylation and transcriptionally active chromatin. , 1997, 24, 197-207.		84
38	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.	1.6	84
39	The dynamic broad epigenetic (H3K4me3, H3K27ac) domain as a mark of essential genes. Clinical Epigenetics, 2021, 13, 138.	1.8	84
40	Structure of polyubiquitinated histone H2A. Biochemistry, 1989, 28, 964-968.	1.2	82
41	Phosphorylation of Histones by Tissue Transglutaminase. Journal of Biological Chemistry, 2006, 281, 5532-5538.	1.6	82
42	The insulator binding protein CTCF associates with the nuclear matrix. Experimental Cell Research, 2003, 288, 218-223.	1.2	81
43	The Transcriptional Repressor Sp3 Is Associated with CK2-phosphorylated Histone Deacetylase 2. Journal of Biological Chemistry, 2002, 277, 35783-35786.	1.6	80
44	Multiple functions of dynamic histone acetylation. Journal of Cellular Biochemistry, 1994, 55, 98-105.	1.2	75
45	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.	1.6	75
46	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.	0.4	73
47	Nuclear organization and chromatin dynamics â€“ Sp1, Sp3 and histone deacetylases. Advances in Enzyme Regulation, 2008, 48, 189-208.	2.9	72
48	Stimulation of the Ras-MAPK pathway leads to independent phosphorylation of histone H3 on serine 10 and 28. Oncogene, 2005, 24, 3492-3502.	2.6	69
49	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.	2.0	67
50	Protein arginine methyltransferases (PRMTs): Role in chromatin organization. Advances in Biological Regulation, 2015, 57, 173-184.	1.4	67
51	Changes in the histone H2A variant H2A.Z and polyubiquitinated histone species in developing trout testis. Biochemistry, 1987, 26, 4417-4421.	1.2	64
52	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.	1.1	64
53	Targeting class I histone deacetylases in cancer therapy. Expert Opinion on Therapeutic Targets, 2013, 17, 29-41.	1.5	62
54	The many roles of the transcriptional regulator CTCF. Biochemistry and Cell Biology, 2003, 81, 161-167.	0.9	61

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55	Molecular cloning and cDNA sequence analysis of coho salmon stanniocalcin. Molecular and Cellular Endocrinology, 1992, 90, 7-15.	1.6	60
56	Histone modifications as a platform for cancer therapy. Journal of Cellular Biochemistry, 2005, 94, 1088-1102.	1.2	59
57	Epigenetic regulation of ACE2, the receptor of the SARS-CoV-2 virus¹. Genome, 2021, 64, 386-399.	0.9	58
58	Effect of Estradiol on Histone Acetylation Dynamics in Human Breast Cancer Cells. Journal of Biological Chemistry, 2001, 276, 49435-49442.	1.6	57
59	Differential Intranuclear Organization of Transcription Factors Sp1 and Sp3. Molecular Biology of the Cell, 2005, 16, 4073-4083.	0.9	57
60	Two-dimensional gel systems for rapid histone analysis for use in minislab polyacrylamide gel electrophoresis. Analytical Biochemistry, 1982, 120, 276-281.	1.1	56
61	Expression and Characterization of Branched-chain Î±-Ketoacid Dehydrogenase Kinase from the Rat. Journal of Biological Chemistry, 1995, 270, 19861-19867.	1.6	56
62	MSK1 and MSK2 Mediate Mitogen- and Stress-Induced Phosphorylation of Histone H3: A Controversy Resolved. Science Signaling, 2003, 2003, pe33-pe33.	1.6	56
63	The Nuclear Matrix and the Regulation of Chromatin Organization and Function. International Review of Cytology, 1996, 162A, 191-250.	6.2	55
64	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. Carcinogenesis, 1992, 13, 573-578.	1.3	54
65	Histones of Chlamydomonas reinhardtii (Synthesis, Acetylation, and Methylation). Plant Physiology, 1995, 109, 393-407.	2.3	54
66	Western blotting and immunochemical detection of histones electrophoretically resolved on acid-urea-Triton- and sodium dodecyl sulfate-polyacrylamide gels. Analytical Biochemistry, 1992, 200, 339-341.	1.1	53
67	Differential Distribution of Unmodified and Phosphorylated Histone Deacetylase 2 in Chromatin. Journal of Biological Chemistry, 2007, 282, 33227-33236.	1.6	53
68	Ultrastructure of transcriptionally competent chromatin. Nucleic Acids Research, 1990, 18, 7015-7024.	6.5	52
69	CHD1 associates with NCoR and histone deacetylase as well as with RNA splicing proteins. Biochemical and Biophysical Research Communications, 2003, 308, 170-176.	1.0	51
70	Estrogen regulation of trefoil factor 1 expression by estrogen receptor Î± and Sp proteins. Experimental Cell Research, 2005, 302, 96-107.	1.2	51
71	Chromatin organization and nuclear microenvironments in cancer cells. Journal of Cellular Biochemistry, 2008, 104, 2004-2015.	1.2	51
72	Histone H3 phosphorylation, immediate-early gene expression, and the nucleosomal response: a historical perspective¹This 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.	0.9	51

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73	Mitogen- and Stress-Activated Kinase 1 (MSK1) Regulates Cigarette Smoke-Induced Histone Modifications on NF-Î³B-dependent Genes. PLoS ONE, 2012, 7, e31378.	1.1	51
74	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.	6.5	50
75	Regulation of chromatin structure via histone post-translational modification and the link to carcinogenesis. Cancer and Metastasis Reviews, 2013, 32, 363-376.	2.7	50
76	Histone modifications, chromatin structure, and the nuclear matrix. , 1996, 62, 149-157.		49
77	The estrogen receptor: more than the average transcription factor. Biochemistry and Cell Biology, 2002, 80, 335-341.	0.9	49
78	Protein Kinase CK2 Regulates the Dimerization of Histone Deacetylase 1 (HDAC1) and HDAC2 during Mitosis. Journal of Biological Chemistry, 2013, 288, 16518-16528.	1.6	48
79	Estrogen regulated expression of the p21^{Waf1/Cip1} gene in estrogen receptor positive human breast cancer cells. Journal of Cellular Physiology, 2010, 224, 28-32.	2.0	46
80	RNA-dependent dynamic histone acetylation regulates MCL1 alternative splicing. Nucleic Acids Research, 2014, 42, 1656-1670.	6.5	46
81	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.	0.4	45
82	Mitotic partitioning of transcription factors. Journal of Cellular Biochemistry, 2008, 105, 1-8.	1.2	44
83	Inhibition of Transcription Selectively Reduces the Level of Ubiquitinated Histone H2B in Chromatin. Biochemical and Biophysical Research Communications, 1994, 203, 344-350.	1.0	43
84	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.	1.6	42
85	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.	1.6	40
86	Measurement of histone acetyltransferase and histone deacetylase activities and kinetics of histone acetylation. Methods, 2003, 31, 12-23.	1.9	39
87	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.	1.2	39
88	Sp1 and Sp3 foci distribution throughout mitosis. Journal of Cell Science, 2006, 119, 1063-1070.	1.2	39
89	Nuclear factor 1 is a component of the nuclear matrix. Journal of Cellular Biochemistry, 1994, 55, 252-263.	1.2	37
90	Histone H3K4 trimethylation: dynamic interplay with pre-mRNA splicing. Biochemistry and Cell Biology, 2016, 94, 1-11.	0.9	37

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91	Phosphorylated serine 28 of histone H3 is associated with destabilized nucleosomes in transcribed chromatin. Nucleic Acids Research, 2007, 35, 6640-6647.	6.5	36
92	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.	0.9	36
93	Pre-mRNA splicing: Role of epigenetics and implications in disease. Advances in Biological Regulation, 2012, 52, 377-388.	1.4	36
94	Estrogen regulation of nuclear matrix-intermediate filament proteins in human breast cancer cells. , 1996, 63, 174-184.		35
95	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.	1.6	34
96	Mitogen- and Stress-Activated Protein Kinase 1 Activity and Histone H3 Phosphorylation in Oncogene-Transformed Mouse Fibroblasts. Cancer Research, 2004, 64, 9076-9079.	0.4	34
97	Estrogen receptor-Î² regulates psoriasin (S100A7) in human breast cancer. Breast Cancer Research and Treatment, 2007, 104, 75-85.	1.1	34
98	Biotin is not a natural histone modification. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2009, 1789, 719-733.	0.9	34
99	Estrogen Regulates the Association of Intermediate Filament Proteins with Nuclear DNA in Human Breast Cancer Cells. Journal of Biological Chemistry, 1998, 273, 29093-29097.	1.6	33
100	Histone H1S-3 phosphorylation in Ha-ras oncogene-transformed mouse fibroblasts. Oncogene, 2002, 21, 8397-8403.	2.6	33
101	Timing of the appearance of ubiquitinated histones in developing new macronuclei of Tetrahymena thermophila. Biochemistry and Cell Biology, 1991, 69, 66-71.	0.9	32
102	Control of Chromatin Remodeling. Critical Reviews in Eukaryotic Gene Expression, 2000, 10, 303-25.	0.4	32
103	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.	1.6	31
104	PDK2-mediated alternative splicing switches Bnip3 from cell death to cell survival. Journal of Cell Biology, 2015, 210, 1101-1115.	2.3	31
105	Properties of chicken erythrocyte histone deacetylase associated with the nuclear matrix. Biochemical Journal, 1996, 314, 631-637.	1.7	30
106	Role of MSK1 in the Malignant Phenotype of Ras-transformed Mouse Fibroblasts. Journal of Biological Chemistry, 2011, 286, 42-49.	1.6	30
107	DNA Methylation Contributes to the Differential Expression Levels of Mecp2 in Male Mice Neurons and Astrocytes. International Journal of Molecular Sciences, 2019, 20, 1845.	1.8	30
108	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. Biochemical and Biophysical Research Communications, 1992, 184, 840-847.	1.0	29

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109	<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.	1.5	29
110	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
111	Connecting the dots: chromatin and alternative splicing in EMT. Biochemistry and Cell Biology, 2016, 94, 12-25.	0.9	28
112	Chronic Ethanol Exposure Alters DNA Methylation in Neural Stem Cells: Role of Mouse Strain and Sex. Molecular Neurobiology, 2020, 57, 650-667.	1.9	28
113	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.	1.3	26
114	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. Biochemistry, 1994, 33, 8962-8968.	1.2	25
115	Changes in the nuclear matrix of chicken erythrocytes that accompany maturation. Biochemical Journal, 1996, 320, 257-265.	1.7	25
116	Ras-associated nuclear structural change appears functionally significant and independent of the mitotic signaling pathway. , 1998, 70, 130-140.		25
117	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.	1.6	25
118	DNA methylation and histone post-translational modification stability in post-mortem brain tissue. Clinical Epigenetics, 2019, 11, 5.	1.8	25
119	Nuclear distribution of histone deacetylase: a marker enzyme for the internal nuclear matrix. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1992, 1130, 307-313.	2.4	24
120	Genomic landscape of transcriptionally active histone arginine methylation marks, H3R2me2s and H4R3me2a, relative to nucleosome depleted regions. Gene, 2020, 742, 144593.	1.0	24
121	Nuclear matrix proteins in well and poorly differentiated human breast cancer cell lines. Journal of Cellular Biochemistry, 1997, 66, 9-15.	1.2	23
122	The chicken erythrocyte epigenome. Epigenetics and Chromatin, 2016, 9, 19.	1.8	23
123	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.	1.4	23
124	CUG-initiated FGF-2 induces chromatin compaction in cultured cardiac myocytes and in vitro. Journal of Cellular Physiology, 2001, 186, 457-467.	2.0	22
125	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.	1.3	21
126	Purification and Characterization of Chicken Erythrocyte Histone Deacetylase 1â€. Biochemistry, 1999, 38, 5939-5947.	1.2	20

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127	Signal transduction pathways and chromatin structure in cancer cells. Journal of Cellular Biochemistry, 2000, 79, 27-35.	1.2	20
128	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.	0.9	19
129	Dynamic distribution of HDAC1 and HDAC2 during mitosis: Association with Fâ€actin. Journal of Cellular Physiology, 2013, 228, 1525-1535.	2.0	19
130	Analysis of erythroid nuclear proteins binding to the promoter and enhancer elements of the chicken histone H5 gene. Nucleic Acids Research, 1992, 20, 6385-6392.	6.5	18
131	Gene expression regulation through 14-3-3 interactions with histones and HDACs. Discovery Medicine, 2011, 11, 349-58.	0.5	18
132	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
133	Analysis of human breast cancer nuclear proteins binding to the promoter elements of the c-myc gene. , 1996, 60, 560-571.		17
134	The chicken model organism for epigenomic research. Genome, 2021, 64, 476-489.	0.9	17
135	Characterization of stably transfected fusion protein GFP-estrogen receptor-? in MCF-7 human breast cancer cells. Journal of Cellular Biochemistry, 2002, 86, 365-375.	1.2	16
136	Transcriptionâ€dependent association of HDAC2 with active chromatin. Journal of Cellular Physiology, 2018, 233, 1650-1657.	2.0	16
137	Mitogen and stress- activated protein kinase regulated gene expression in cancer cells. Advances in Biological Regulation, 2019, 71, 147-155.	1.4	16
138	Abnormalities of chromatin in tumor cells. , 2006, , 25-47.		16
139	High Mobility Group A2 protects cancer cells against telomere dysfunction. Oncotarget, 2016, 7, 12761-12782.	0.8	16
140	C-myc gene chromatin of estrogen receptor positive and negative breast cancer cells. Molecular and Cellular Endocrinology, 1993, 91, 83-89.	1.6	15
141	Increased genomic instability and altered chromosomal protein phosphorylation timing in HRASâ€transformed mouse fibroblasts. Genes Chromosomes and Cancer, 2009, 48, 397-409.	1.5	15
142	NAPP2, a Peroxisomal Membrane Protein, Is Also a Transcriptional Corepressor. Genomics, 2002, 79, 423-431.	1.3	14
143	An integrated analysis of genes and pathways exhibiting metabolic differences between estrogen receptor positive breast cancer cells. BMC Cancer, 2007, 7, 181.	1.1	14
144	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.	2.3	14

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145	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.	0.5	14
146	Dynamic Histone Acetylation of H3K4me3 Nucleosome Regulates MCL1 Preâ€mRNA Splicing. Journal of Cellular Physiology, 2016, 231, 2196-2204.	2.0	13
147	Developmental changes in transcription factors associated with the nuclear matrix of chicken erythrocytes. , 1996, 62, 454-466.		12
148	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.	0.4	12
149	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.	1.5	12
150	Yin Yang Gene Expression Ratio Signature for Lung Cancer Prognosis. PLoS ONE, 2013, 8, e68742.	1.1	12
151	Mitogen- and Stress-Activated Protein Kinases 1 and 2 Are Required for Maximal Trefoil Factor 1 Induction. PLoS ONE, 2013, 8, e63189.	1.1	12
152	The steroid receptor RNA activator protein (SRAP) controls cancer cell migration/motility. FEBS Letters, 2015, 589, 4010-4018.	1.3	12
153	Mitogen-induced distinct epialleles are phosphorylated at either H3S10 or H3S28, depending on H3K27 acetylation. Molecular Biology of the Cell, 2017, 28, 817-824.	0.9	12
154	Efficient method for vsualization and isolation of proteins resolved in polyacrylamide gels. Journal of Chromatography A, 1984, 298, 115-121.	1.8	10
155	Acetylation and methylation of histones H3 and H4 in chicken immature erythrocytes are not directly coupled. Biochemical and Biophysical Research Communications, 1992, 185, 414-419.	1.0	10
156	Repression of histone H5 gene expression in chicken mature erythrocytes is correlated with reduced DNA-binding activities of transcription factors SP1 and GATA-1. FEBS Letters, 1993, 331, 141-144.	1.3	10
157	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.	1.2	10
158	The discovery and development of the CRISPR system in applications in genome manipulation. Biochemistry and Cell Biology, 2017, 95, 203-210.	0.9	10
159	Atypical chromatin structure of immune-related genes expressed in chicken erythrocytes. Biochemistry and Cell Biology, 2020, 98, 171-177.	0.9	10
160	<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.	1.5	10
161	Nuclear microenvironments and cancer. Journal of Cellular Biochemistry, 2008, 104, 1949-1952.	1.2	9
162	Nucleosomal response, immediate-early gene expression and cell transformation. Advances in Enzyme Regulation, 2010, 50, 135-145.	2.9	9

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163	HDAC inhibitors prevent the induction of the immediateâ€early gene FOSL1, but do not alter the nucleosome response. FEBS Letters, 2013, 587, 1510-1517.	1.3	9
164	The key role of differential broad H3K4me3 and H3K4ac domains in breast cancer. Gene, 2022, 826, 146463.	1.0	9
165	Chromatin organization of transcribed genes in chicken polychromatic erythrocytes. Gene, 2019, 699, 80-87.	1.0	8
166	A 16 Yin Yang gene expression ratio signature for ER+/nodeâ˜ breast cancer. International Journal of Cancer, 2017, 140, 1413-1424.	2.3	7
167	Transcription factor GATA-1-multiprotein complexes and chicken erythroid development. FEBS Letters, 1994, 342, 273-277.	1.3	6
168	Isolation of Proteins Cross-linked to DNA by Formaldehyde. , 2002, , 753-758.		6
169	Ubiquitin C-terminal hydrolase isozyme L1 is associated with shelterin complex at interstitial telomeric sites. Epigenetics and Chromatin, 2017, 10, 54.	1.8	6
170	Transcriptionally Active Chromatinâ€"Lessons Learned from the Chicken Erythrocyte Chromatin Fractionation. Cells, 2021, 10, 1354.	1.8	6
171	In situ footprinting of chicken histone H5 gene in mature and immature erythrocytes reveals common factor-binding sites. Chromosoma, 1996, 104, 504-510.	1.0	5
172	Novel DNase I Hypersensitive Sites in the 3â€²-Flanking Region of the Human c-mycGene. DNA and Cell Biology, 1996, 15, 543-548.	0.9	5
173	Histone modifications. New Comprehensive Biochemistry, 2004, , 205-240.	0.1	5
174	DNA methylation and chromatin modifications. , 2019, , 13-36.		4
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