

Shelley L Berger

List of Publications by Year in descending order

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Version: 2024-02-01

218
papers

43,914
citations

2101
100
h-index

2178
202
g-index

230
all docs

230
docs citations

230
times ranked

45859
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymatic transfer of acetate on histones from lysine reservoir sites to lysine activating sites. Science Advances, 2022, 8, eabj5688.	10.3	30
2	EBF1 nuclear repositioning instructs chromatin refolding to promote therapy resistance in T leukemic cells. Molecular Cell, 2022, 82, 1003-1020.e15.	9.7	13
3	Î²-Hydroxybutyrate suppresses colorectal cancer. Nature, 2022, 605, 160-165.	27.8	120
4	ADAR1 downregulation by autophagy drives senescence independently of RNA editing by enhancing p16INK4a levels. Nature Cell Biology, 2022, 24, 1202-1210.	10.3	19
5	SIRT1 â€“ a new mammalian substrate of nuclear autophagy. Autophagy, 2021, 17, 593-595.	9.1	56
6	The biochemical and genetic discovery of the SAGA complex. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2021, 1864, 194669.	1.9	20
7	RNA modification to the rescue!. Cell Host and Microbe, 2021, 29, 313-315.	11.0	0
8	InÂvivo CD8+ TÂcell CRISPR screening reveals control by Fli1 in infection and cancer. Cell, 2021, 184, 1262-1280.e22.	28.9	107
9	p53 mediates target gene association with nuclear speckles for amplified RNA expression. Molecular Cell, 2021, 81, 1666-1681.e6.	9.7	41
10	ZMYND8-regulated IRF8 transcription axis is an acute myeloid leukemia dependency. Molecular Cell, 2021, 81, 3604-3622.e10.	9.7	32
11	Tramtrack acts during late pupal development to direct ant caste identity. PLoS Genetics, 2021, 17, e1009801.	3.5	8
12	Kr-h1 maintains distinct caste-specific neurotranscriptomes in response to socially regulated hormones. Cell, 2021, 184, 5807-5823.e14.	28.9	27
13	An NK-like CAR TÂcell transition in CAR TÂcell dysfunction. Cell, 2021, 184, 6081-6100.e26.	28.9	160
14	Epigenetic Regulator CoREST Controls Social Behavior in Ants. Molecular Cell, 2020, 77, 338-351.e6.	9.7	33
15	Systematic genetic and proteomic screens during gametogenesis identify H2BK34 methylation as an evolutionary conserved meiotic mark. Epigenetics and Chromatin, 2020, 13, 35.	3.9	6
16	SIRT1 is downregulated by autophagy in senescence and ageing. Nature Cell Biology, 2020, 22, 1170-1179.	10.3	236
17	An integrated multi-omics approach identifies epigenetic alterations associated with Alzheimerâ€™s disease. Nature Genetics, 2020, 52, 1024-1035.	21.4	191
18	Social reprogramming in ants induces longevity-associated glia remodeling. Science Advances, 2020, 6, eaba9869.	10.3	46

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19	Food for thought. Science, 2020, 370, 660-662.	12.6	18
20	TEX15 associates with MILI and silences transposable elements in male germ cells. Genes and Development, 2020, 34, 745-750.	5.9	33
21	Genetics Meets Epigenetics in Treg Cells and Autoimmunity. Immunity, 2020, 52, 897-899.	14.3	3
22	Impaired Death Receptor Signaling in Leukemia Causes Antigen-Independent Resistance by Inducing CAR T-cell Dysfunction. Cancer Discovery, 2020, 10, 552-567.	9.4	184
23	Mitochondria-to-nucleus retrograde signaling drives formation of cytoplasmic chromatin and inflammation in senescence. Genes and Development, 2020, 34, 428-445.	5.9	188
24	TOX transcriptionally and epigenetically programs CD8+ T cell exhaustion. Nature, 2019, 571, 211-218.	27.8	934
25	TCF-1-Centered Transcriptional Network Drives an Effector versus Exhausted CD8 ⁺ Cell-Fate Decision. Immunity, 2019, 51, 840-855.e5.	14.3	409
26	p63 establishes epithelial enhancers at critical craniofacial development genes. Science Advances, 2019, 5, eaaw0946.	10.3	36
27	Comparison of genotoxic versus nongenotoxic stabilization of p53 provides insight into parallel stress-responsive transcriptional networks. Cell Cycle, 2019, 18, 809-823.	2.6	11
28	Histone Acetyltransferase p300 Induces De Novo Super-Enhancers to Drive Cellular Senescence. Molecular Cell, 2019, 73, 684-698.e8.	9.7	97
29	Gcn5-Mediated Histone Acetylation Governs Nucleosome Dynamics in Spermiogenesis. Developmental Cell, 2019, 51, 745-758.e6.	7.0	47
30	Alcohol metabolism contributes to brain histone acetylation. Nature, 2019, 574, 717-721.	27.8	161
31	Histone modification signatures in human sperm distinguish clinical abnormalities. Journal of Assisted Reproduction and Genetics, 2019, 36, 267-275.	2.5	38
32	Dysregulation of the epigenetic landscape of normal aging in Alzheimer's disease. Nature Neuroscience, 2018, 21, 497-505.	14.8	236
33	Acetyl-CoA promotes glioblastoma cell adhesion and migration through Ca ²⁺ -NFAT signaling. Genes and Development, 2018, 32, 497-511.	5.9	97
34	Senescence Elicits Stemness: A Surprising Mechanism for Cancer Relapse. Cell Metabolism, 2018, 27, 710-711.	16.2	32
35	KMT2D regulates p63 target enhancers to coordinate epithelial homeostasis. Genes and Development, 2018, 32, 181-193.	5.9	77
36	Combinatorial genetics in liver repopulation and carcinogenesis with a in vivo CRISPR activation platform. Hepatology, 2018, 68, 663-676.	7.3	63

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37	Regulation of chromatin and gene expression by metabolic enzymes and metabolites. Nature Reviews Molecular Cell Biology, 2018, 19, 563-578.	37.0	297
38	Antennal Olfactory Physiology and Behavior of Males of the Ponerine Ant <i>Harpegnathos saltator</i> . Journal of Chemical Ecology, 2018, 44, 999-1007.	1.8	13
39	Disruption of TET2 promotes the therapeutic efficacy of CD19-targeted T cells. Nature, 2018, 558, 307-312.	27.8	574
40	Epigenetic Regulation in Neurodegenerative Diseases. Trends in Neurosciences, 2018, 41, 587-598.	8.6	248
41	RNA Binding to CBP Stimulates Histone Acetylation and Transcription. Cell, 2017, 168, 135-149.e22.	28.9	298
42	Chemosensory sensitivity reflects reproductive status in the ant <i>Harpegnathos saltator</i> . Scientific Reports, 2017, 7, 3732.	3.3	33
43	Acetyl-CoA synthetase regulates histone acetylation and hippocampal memory. Nature, 2017, 546, 381-386.	27.8	329
44	The Sustained Impact of Model Organisms in Genetics and Epigenetics. Genetics, 2017, 205, 1-4.	2.9	13
45	Cytoplasmic chromatin triggers inflammation in senescence and cancer. Nature, 2017, 550, 402-406.	27.8	851
46	eRNA binding produces tailored CBP activity profiles to regulate gene expression. RNA Biology, 2017, 14, 1655-1659.	3.1	23
47	Specialized odorant receptors in social insects that detect cuticular hydrocarbon cues and candidate pheromones. Nature Communications, 2017, 8, 297.	12.8	95
48	The interplay between epigenetic changes and the p53 protein in stem cells. Genes and Development, 2017, 31, 1195-1201.	5.9	40
49	An Engineered <i>orco</i> Mutation Produces Aberrant Social Behavior and Defective Neural Development in Ants. Cell, 2017, 170, 736-747.e9.	28.9	188
50	The Neuropeptide Corazonin Controls Social Behavior and Caste Identity in Ants. Cell, 2017, 170, 748-759.e12.	28.9	146
51	TDP-43 Promotes Neurodegeneration by Impairing Chromatin Remodeling. Current Biology, 2017, 27, 3579-3590.e6.	3.9	63
52	Functional characterization of odorant receptors in the ponerine ant, <i>Harpegnathos saltator</i> . Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8586-8591.	7.1	84
53	Changes in the Transcriptome of Human Astrocytes Accompanying Oxidative Stress-Induced Senescence. Frontiers in Aging Neuroscience, 2016, 8, 208.	3.4	72
54	Mapping H4K20me3 onto the chromatin landscape of senescent cells indicates a function in control of cell senescence and tumor suppression through preservation of genetic and epigenetic stability. Genome Biology, 2016, 17, 158.	8.8	65

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55	A rare DNA contact mutation in cancer confers p53 gain-of-function and tumor cell survival via TNFAIP8 induction. <i>Molecular Oncology</i> , 2016, 10, 1207-1220.	4.6	27
56	Exploring the Dynamic Relationship Between Cellular Metabolism and Chromatin Structure Using SILAC-Mass Spec and ChIP-Sequencing. <i>Methods in Enzymology</i> , 2016, 574, 311-329.	1.0	3
57	Epigenetic Mechanisms of Longevity and Aging. <i>Cell</i> , 2016, 166, 822-839.	28.9	649
58	Lysine methylation represses p53 activity in teratocarcinoma cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 9822-9827.	7.1	36
59	Humanized <i>H19/lgf2</i> locus reveals diverged imprinting mechanism between mouse and human and reflects Silver-Russell syndrome phenotypes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10938-10943.	7.1	28
60	A Chromatin-Focused siRNA Screen for Regulators of p53-Dependent Transcription. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 2671-2678.	1.8	4
61	Epigenetic stability of exhausted T cells limits durability of reinvigoration by PD-1 blockade. <i>Science</i> , 2016, 354, 1160-1165.	12.6	939
62	Comprehensive analysis of histone post-translational modifications in mouse and human male germ cells. <i>Epigenetics and Chromatin</i> , 2016, 9, 24.	3.9	113
63	Mammalian autophagy degrades nuclear constituents in response to tumorigenic stress. <i>Autophagy</i> , 2016, 12, 1416-1417.	9.1	40
64	MLL1 is essential for the senescence-associated secretory phenotype. <i>Genes and Development</i> , 2016, 30, 321-336.	5.9	121
65	Epigenetic (re)programming of caste-specific behavior in the ant <i>Camponotus floridanus</i> . <i>Science</i> , 2016, 351, aac6633.	12.6	184
66	Metabolic Signaling to Chromatin. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a019463.	5.5	110
67	H4K44 Acetylation Facilitates Chromatin Accessibility during Meiosis. <i>Cell Reports</i> , 2015, 13, 1772-1780.	6.4	42
68	Characterization of BRD4 during Mammalian Postmeiotic Sperm Development. <i>Molecular and Cellular Biology</i> , 2015, 35, 1433-1448.	2.3	38
69	H3K36 methylation promotes longevity by enhancing transcriptional fidelity. <i>Genes and Development</i> , 2015, 29, 1362-1376.	5.9	196
70	<i>CDKN2B</i> Loss Promotes Progression from Benign Melanocytic Nevus to Melanoma. <i>Cancer Discovery</i> , 2015, 5, 1072-1085.	9.4	78
71	Autophagy mediates degradation of nuclear lamina. <i>Nature</i> , 2015, 527, 105-109.	27.8	510
72	Cuticular Hydrocarbon Pheromones for Social Behavior and Their Coding in the Ant Antenna. <i>Cell Reports</i> , 2015, 12, 1261-1271.	6.4	121

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73	Mitotic Stress Is an Integral Part of the Oncogene-Induced Senescence Program that Promotes Multinucleation and Cell Cycle Arrest. <i>Cell Reports</i> , 2015, 12, 1483-1496.	6.4	67
74	Chemoreceptor Evolution in Hymenoptera and Its Implications for the Evolution of Eusociality. <i>Genome Biology and Evolution</i> , 2015, 7, 2407-2416.	2.5	141
75	Gain-of-function p53 mutants co-opt chromatin pathways to drive cancer growth. <i>Nature</i> , 2015, 525, 206-211.	27.8	386
76	Development of Organometallic S6K1 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 305-314.	6.4	20
77	TP53 engagement with the genome occurs in distinct local chromatin environments via pioneer factor activity. <i>Genome Research</i> , 2015, 25, 179-188.	5.5	95
78	DNA Methylation in Social Insects: How Epigenetics Can Control Behavior and Longevity. <i>Annual Review of Entomology</i> , 2015, 60, 435-452.	11.8	156
79	Stable-isotope-labeled Histone Peptide Library for Histone Post-translational Modification and Variant Quantification by Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2450-2466.	3.8	53
80	Epigenetics of Aging and Aging-related Disease. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, S17-S20.	3.6	200
81	Inactivation of Yeast Isw2 Chromatin Remodeling Enzyme Mimics Longevity Effect of Calorie Restriction via Induction of Genotoxic Stress Response. <i>Cell Metabolism</i> , 2014, 19, 952-966.	16.2	69
82	Geroscience: Linking Aging to Chronic Disease. <i>Cell</i> , 2014, 159, 709-713.	28.9	1,709
83	Eusocial insects as emerging models for behavioural epigenetics. <i>Nature Reviews Genetics</i> , 2014, 15, 677-688.	16.3	186
84	The SAGA Histone Deubiquitinase Module Controls Yeast Replicative Lifespan via Sir2 Interaction. <i>Cell Reports</i> , 2014, 8, 477-486.	6.4	62
85	Histone Methylation Has Dynamics Distinct from Those of Histone Acetylation in Cell Cycle Reentry from Quiescence. <i>Molecular and Cellular Biology</i> , 2014, 34, 3968-3980.	2.3	42
86	Genome-Wide Epigenetics. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1-4.	0.7	18
87	Senescent cells harbour features of the cancer epigenome. <i>Nature Cell Biology</i> , 2013, 15, 1495-1506.	10.3	300
88	Separation of Spermatogenic Cell Types Using STA-PUT Velocity Sedimentation. <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	63
89	Social insect genomes exhibit dramatic evolution in gene composition and regulation while preserving regulatory features linked to sociality. <i>Genome Research</i> , 2013, 23, 1235-1247.	5.5	205
90	Depletion of the novel p53-target gene carnitine palmitoyltransferase 1C delays tumor growth in the neurofibromatosis type I tumor model. <i>Cell Death and Differentiation</i> , 2013, 20, 659-668.	11.2	81

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91	Lysosome-mediated processing of chromatin in senescence. <i>Journal of Cell Biology</i> , 2013, 202, 129-143.	5.2	413
92	A chromatin link to caste identity in the carpenter ant <i>Camponotus floridanus</i> . <i>Genome Research</i> , 2013, 23, 486-496.	5.5	125
93	Lamin B1 depletion in senescent cells triggers large-scale changes in gene expression and the chromatin landscape. <i>Genes and Development</i> , 2013, 27, 1787-1799.	5.9	440
94	Inhibition of Isw2-mediated chromatin remodeling by calorie restriction extends lifespan by potentiating stress response. <i>FASEB Journal</i> , 2013, 27, 796.1.	0.5	0
95	Phylogenetic and Transcriptomic Analysis of Chemosensory Receptors in a Pair of Divergent Ant Species Reveals Sex-Specific Signatures of Odor Coding. <i>PLoS Genetics</i> , 2012, 8, e1002930.	3.5	192
96	Low-hanging fruit: targeting Brdt in the testes. <i>EMBO Journal</i> , 2012, 31, 3788-3789.	7.8	11
97	The Linker Histone Plays a Dual Role during Gametogenesis in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2012, 32, 2771-2783.	2.3	28
98	MYST protein acetyltransferase activity requires active site lysine autoacetylation. <i>EMBO Journal</i> , 2012, 31, 58-70.	7.8	101
99	Transgenerational Inheritance of Longevity: Epigenetic Mysteries Abound. <i>Cell Metabolism</i> , 2012, 15, 6-7.	16.2	8
100	Gcn5p-dependent acetylation induces degradation of the meiotic transcriptional repressor Ume6p. <i>Molecular Biology of the Cell</i> , 2012, 23, 1609-1617.	2.1	21
101	Genome-wide and Caste-Specific DNA Methylomes of the Ants <i>Camponotus floridanus</i> and <i>Harpegnathos saltator</i> . <i>Current Biology</i> , 2012, 22, 1755-1764.	3.9	361
102	IDH mutation impairs histone demethylation and results in a block to cell differentiation. <i>Nature</i> , 2012, 483, 474-478.	27.8	1,693
103	Yeast Aging Proteome Unveiled a Novel Aging Regulation Pathway Mediated by the Chromatin Remodeling Complex ISW2. <i>FASEB Journal</i> , 2012, 26, 965.2.	0.5	0
104	Histone H4 Lysine 20 of <i>Saccharomyces cerevisiae</i> Is Monomethylated and Functions in Subtelomeric Silencing. <i>Biochemistry</i> , 2011, 50, 10473-10483.	2.5	24
105	Acetylation of Yeast AMPK Controls Intrinsic Aging Independently of Caloric Restriction. <i>Cell</i> , 2011, 146, 969-979.	28.9	133
106	A genetic and molecular toolbox for analyzing histone ubiquitylation and sumoylation in yeast. <i>Methods</i> , 2011, 54, 296-303.	3.8	12
107	The contribution of epigenetic memory to immunologic memory. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 154-159.	3.3	39
108	H2B ubiquitylation is part of chromatin architecture that marks exon-intron structure in budding yeast. <i>BMC Genomics</i> , 2011, 12, 627.	2.8	27

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109	Carnitine palmitoyltransferase 1C promotes cell survival and tumor growth under conditions of metabolic stress. <i>Genes and Development</i> , 2011, 25, 1041-1051.	5.9	386
110	Cutting Edge: Persistently Open Chromatin at Effector Gene Loci in Resting Memory CD8+ T Cells Independent of Transcriptional Status. <i>Journal of Immunology</i> , 2011, 186, 2705-2709.	0.8	74
111	Inactivation of the Sas2 histone acetyltransferase delays senescence driven by telomere dysfunction. <i>EMBO Journal</i> , 2010, 29, 158-170.	7.8	45
112	Systematic screen reveals new functional dynamics of histones H3 and H4 during gametogenesis. <i>Genes and Development</i> , 2010, 24, 1772-1786.	5.9	94
113	Genomic Comparison of the Ants <i>Camponotus floridanus</i> and <i>Harpegnathos saltator</i> . <i>Science</i> , 2010, 329, 1068-1071.	12.6	420
114	G9a and Glp Methylate Lysine 373 in the Tumor Suppressor p53. <i>Journal of Biological Chemistry</i> , 2010, 285, 9636-9641.	3.4	339
115	Signaling Kinase AMPK Activates Stress-Promoted Transcription via Histone H2B Phosphorylation. <i>Science</i> , 2010, 329, 1201-1205.	12.6	320
116	Genome-wide mapping of histone H4 serine-1 phosphorylation during sporulation in <i>Saccharomyces cerevisiae</i> . <i>Nucleic Acids Research</i> , 2010, 38, 4599-4606.	14.5	19
117	Chromatin dynamics during herpes simplex virus-1 lytic infection. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 223-227.	1.9	25
118	Keeping p53 in Check: A High-Stakes Balancing Act. <i>Cell</i> , 2010, 142, 17-19.	28.9	26
119	Cell Signaling and Transcriptional Regulation via Histone Phosphorylation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2010, 75, 23-26.	1.1	14
120	Epigenetic Drugs Can Stimulate Metastasis through Enhanced Expression of the Pro-Metastatic Ezrin Gene. <i>PLoS ONE</i> , 2010, 5, e12710.	2.5	43
121	Histone H4 lysine 16 acetylation regulates cellular lifespan. <i>FASEB Journal</i> , 2010, 24, 662.2.	0.5	0
122	Genome reprogramming during sporulation. <i>International Journal of Developmental Biology</i> , 2009, 53, 425-432.	0.6	30
123	The Histone Variant H3.3 Regulates Gene Expression during Lytic Infection with Herpes Simplex Virus Type 1. <i>Journal of Virology</i> , 2009, 83, 1416-1421.	3.4	99
124	Histone H4 lysine 16 acetylation regulates cellular lifespan. <i>Nature</i> , 2009, 459, 802-807.	27.8	580
125	Identification and characterization of novel sirtuin inhibitor scaffolds. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 7031-7041.	3.0	32
126	An operational definition of epigenetics: Figure 1.. <i>Genes and Development</i> , 2009, 23, 781-783.	5.9	1,457

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127	Protein Acetylation Microarray Reveals that NuA4 Controls Key Metabolic Target Regulating Gluconeogenesis. <i>Cell</i> , 2009, 136, 1073-1084.	28.9	279
128	Moving AHEAD with an international human epigenome project. <i>Nature</i> , 2008, 454, 711-715.	27.8	177
129	Out of the jaws of death: PRMT5 steers p53. <i>Nature Cell Biology</i> , 2008, 10, 1389-1390.	10.3	19
130	The Putative Cancer Stem Cell Marker USP22 Is a Subunit of the Human SAGA Complex Required for Activated Transcription and Cell-Cycle Progression. <i>Molecular Cell</i> , 2008, 29, 102-111.	9.7	370
131	Hit and Run: Transient Deubiquitylase Activity in a Chromatin-Remodeling Complex. <i>Molecular Cell</i> , 2008, 31, 773-774.	9.7	10
132	The emerging field of dynamic lysine methylation of non-histone proteins. <i>Current Opinion in Genetics and Development</i> , 2008, 18, 152-158.	3.3	270
133	14-3-3 Interaction with Histone H3 Involves a Dual Modification Pattern of Phosphoacetylation. <i>Molecular and Cellular Biology</i> , 2008, 28, 2840-2849.	2.3	77
134	The histone H2B-specific ubiquitin ligase RNF20/hBRE1 acts as a putative tumor suppressor through selective regulation of gene expression. <i>Genes and Development</i> , 2008, 22, 2664-2676.	5.9	240
135	H2B Ubiquitylation and De-Ubiquitylation in Gene Activation. <i>Novartis Foundation Symposium</i> , 2008, , 63-77.	1.1	13
136	CTCF-Dependent Chromatin Boundary Element between the Latency-Associated Transcript and ICPO Promoters in the Herpes Simplex Virus Type 1 Genome. <i>Journal of Virology</i> , 2007, 81, 5192-5201.	3.4	44
137	Histone H3 K4 Demethylation during Activation and Attenuation of <i>GAL1</i> Transcription in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2007, 27, 7856-7864.	2.3	40
138	New Nomenclature for Chromatin-Modifying Enzymes. <i>Cell</i> , 2007, 131, 633-636.	28.9	849
139	H2B Ubiquitylation Acts as a Barrier to Ctk1 Nucleosomal Recruitment Prior to Removal by Ubp8 within a SAGA-Related Complex. <i>Molecular Cell</i> , 2007, 27, 275-288.	9.7	196
140	Functional dissection of protein complexes involved in yeast chromosome biology using a genetic interaction map. <i>Nature</i> , 2007, 446, 806-810.	27.8	806
141	The complex language of chromatin regulation during transcription. <i>Nature</i> , 2007, 447, 407-412.	27.8	2,432
142	p53 is regulated by the lysine demethylase LSD1. <i>Nature</i> , 2007, 449, 105-108.	27.8	699
143	Sumoylation of the Yeast Gcn5 Protein. <i>Biochemistry</i> , 2006, 45, 1035-1042.	2.5	27
144	In vivo dual cross-linking for identification of indirect DNA-associated proteins by chromatin immunoprecipitation. <i>BioTechniques</i> , 2006, 41, 694-698.	1.8	162

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145	Repression of p53 activity by Smyd2-mediated methylation. <i>Nature</i> , 2006, 444, 629-632.	27.8	541
146	Structure and Dimerization of the Kinase Domain from Yeast Snf1, a Member of the Snf1/AMPK Protein Family. <i>Structure</i> , 2006, 14, 477-485.	3.3	62
147	Histone sumoylation is a negative regulator in <i>Saccharomyces cerevisiae</i> and shows dynamic interplay with positive-acting histone modifications. <i>Genes and Development</i> , 2006, 20, 966-976.	5.9	282
148	LKB1 Is Recruited to the p21/WAF1 Promoter by p53 to Mediate Transcriptional Activation. <i>Cancer Research</i> , 2006, 66, 10701-10708.	0.9	91
149	Trimethylation of Histone H3 Lysine 4 by Set1 in the Lytic Infection of Human Herpes Simplex Virus 1. <i>Journal of Virology</i> , 2006, 80, 5740-5746.	3.4	95
150	Phosphorylation of histone H4 Ser1 regulates sporulation in yeast and is conserved in fly and mouse spermatogenesis. <i>Genes and Development</i> , 2006, 20, 2580-2592.	5.9	94
151	A Feed-Forward Repression Mechanism Anchors the Sin3/Histone Deacetylase and N-CoR/SMRT Corepressors on Chromatin. <i>Molecular and Cellular Biology</i> , 2006, 26, 5226-5236.	2.3	26
152	Factor and histone covalent modifications in genome regulation. <i>FASEB Journal</i> , 2006, 20, A850.	0.5	0
153	Histone H3 phosphorylation can promote TBP recruitment through distinct promoter-specific mechanisms. <i>EMBO Journal</i> , 2005, 24, 997-1008.	7.8	89
154	Phosphorylation of Histone H4 Serine 1 during DNA Damage Requires Casein Kinase II in <i>S. cerevisiae</i> . <i>Current Biology</i> , 2005, 15, 656-660.	3.9	133
155	H2B Ubiquitin Protease Ubp8 and Sgf11 Constitute a Discrete Functional Module within the <i>Saccharomyces cerevisiae</i> SAGA Complex. <i>Molecular and Cellular Biology</i> , 2005, 25, 1162-1172.	2.3	126
156	Maintenance of Low Histone Ubiquitylation by Ubp10 Correlates with Telomere-Proximal Sir2 Association and Gene Silencing. <i>Molecular Cell</i> , 2005, 17, 585-594.	9.7	153
157	During Lytic Infection Herpes Simplex Virus Type 1 Is Associated with Histones Bearing Modifications That Correlate with Active Transcription. <i>Journal of Virology</i> , 2004, 78, 10178-10186.	3.4	147
158	Temporal and Spatial Changes in Transcription Factor Binding and Histone Modifications at the Steroidogenic Acute Regulatory Protein (StAR) Locus Associated with StAR Transcription. <i>Molecular Endocrinology</i> , 2004, 18, 791-806.	3.7	93
159	Rad6 plays a role in transcriptional activation through ubiquitylation of histone H2B. <i>Genes and Development</i> , 2004, 18, 184-195.	5.9	186
160	Good Fences Make Good Neighbors. <i>Molecular Cell</i> , 2004, 16, 500-502.	9.7	7
161	Histone H2B Ubiquitylation and Deubiquitylation in Genomic Regulation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2004, 69, 289-300.	1.1	16
162	Histone Modification Patterns During Gene Activation. <i>Methods in Enzymology</i> , 2003, 377, 130-153.	1.0	18

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163	Structural Basis for Histone and Phosphohistone Binding by the GCN5 Histone Acetyltransferase. <i>Molecular Cell</i> , 2003, 12, 461-473.	9.7	136
164	A Novel Human Ada2 Homologue Functions with Gcn5 or Brg1 To Coactivate Transcription. <i>Molecular and Cellular Biology</i> , 2003, 23, 6944-6957.	2.3	59
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