

Michael J Hendzel

List of Publications by Year in descending order

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141
papers

14,557
citations

15504

65
h-index

19749

117
g-index

148
all docs

148
docs citations

148
times ranked

18245
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitosis-specific phosphorylation of histone H3 initiates primarily within pericentromeric heterochromatin during G2 and spreads in an ordered fashion coincident with mitotic chromosome condensation. <i>Chromosoma</i> , 1997, 106, 348-360.	2.2	1,679
2	PARP inhibition: PARP1 and beyond. <i>Nature Reviews Cancer</i> , 2010, 10, 293-301.	28.4	1,166
3	Enzymatic Activity Associated with Class II HDACs Is Dependent on a Multiprotein Complex Containing HDAC3 and SMRT/N-CoR. <i>Molecular Cell</i> , 2002, 9, 45-57.	9.7	663
4	PARP1-dependent Kinetics of Recruitment of MRE11 and NBS1 Proteins to Multiple DNA Damage Sites. <i>Journal of Biological Chemistry</i> , 2008, 283, 1197-1208.	3.4	469
5	Rapid exchange of histone H1.1 on chromatin in living human cells. <i>Nature</i> , 2000, 408, 873-876.	27.8	397
6	Proteome-wide identification of poly(ADP-ribose) binding proteins and poly(ADP-ribose)-associated protein complexes. <i>Nucleic Acids Research</i> , 2008, 36, 6959-6976.	14.5	359
7	RNF8- and RNF168-dependent degradation of KDM4A/JMJD2A triggers 53BP1 recruitment to DNA damage sites. <i>EMBO Journal</i> , 2012, 31, 1865-1878.	7.8	302
8	Increased Ser-10 Phosphorylation of Histone H3 in Mitogen-stimulated and Oncogene-transformed Mouse Fibroblasts. <i>Journal of Biological Chemistry</i> , 1999, 274, 24914-24920.	3.4	248
9	Promyelocytic Leukemia (Pml) Nuclear Bodies Are Protein Structures That Do Not Accumulate RNA. <i>Journal of Cell Biology</i> , 2000, 148, 283-292.	5.2	245
10	BMI1-mediated histone ubiquitylation promotes DNA double-strand break repair. <i>Journal of Cell Biology</i> , 2010, 191, 45-60.	5.2	240
11	Nucleoplasmic β -actin exists in a dynamic equilibrium between low-mobility polymeric species and rapidly diffusing populations. <i>Journal of Cell Biology</i> , 2006, 172, 541-552.	5.2	238
12	Ataxia Telangiectasia Mutated (ATM) Signaling Network Is Modulated by a Novel Poly(ADP-ribose)-dependent Pathway in the Early Response to DNA-damaging Agents. <i>Journal of Biological Chemistry</i> , 2007, 282, 16441-16453.	3.4	225
13	A New Family of Human Histone Deacetylases Related to <i>Saccharomyces cerevisiae</i> HDA1p. <i>Journal of Biological Chemistry</i> , 1999, 274, 11713-11720.	3.4	222
14	ATM-dependent DNA Damage-independent Mitotic Phosphorylation of H2AX in Normally Growing Mammalian Cells. <i>Molecular Biology of the Cell</i> , 2005, 16, 5013-5025.	2.1	220
15	The C-terminal Domain Is the Primary Determinant of Histone H1 Binding to Chromatin in Vivo. <i>Journal of Biological Chemistry</i> , 2004, 279, 20028-20034.	3.4	198
16	Human HDAC7 Histone Deacetylase Activity Is Associated with HDAC3 in Vivo. <i>Journal of Biological Chemistry</i> , 2001, 276, 35826-35835.	3.4	192
17	Regulation of Global Acetylation in Mitosis through Loss of Histone Acetyltransferases and Deacetylases from Chromatin. <i>Journal of Biological Chemistry</i> , 2001, 276, 38307-38319.	3.4	189
18	Condensed Chromatin Behaves like a Solid on the Mesoscale In Vitro and in Living Cells. <i>Cell</i> , 2020, 183, 1772-1784.e13.	28.9	186

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19	H1 Family Histones in the Nucleus. <i>Journal of Biological Chemistry</i> , 2005, 280, 27809-27814.	3.4	178
20	Using FRAP and mathematical modeling to determine the in vivo kinetics of nuclear proteins. <i>Methods</i> , 2003, 29, 14-28.	3.8	173
21	Interplay between human DNA repair proteins at a unique double-strand break in vivo. <i>EMBO Journal</i> , 2006, 25, 222-231.	7.8	172
22	Reduced Mobility of the Alternate Splicing Factor (Asf) through the Nucleoplasm and Steady State Speckle Compartments. <i>Journal of Cell Biology</i> , 2000, 150, 41-52.	5.2	168
23	Germline Mutations in BAP1 Impair Its Function in DNA Double-Strand Break Repair. <i>Cancer Research</i> , 2014, 74, 4282-4294.	0.9	168
24	RHAMM Is a Centrosomal Protein That Interacts with Dynein and Maintains Spindle Pole Stability. <i>Molecular Biology of the Cell</i> , 2003, 14, 2262-2276.	2.1	167
25	Overexpression of transcripts originating from the MMSET locus characterizes all t(4;14)(p16;q32)-positive multiple myeloma patients. <i>Blood</i> , 2005, 105, 4060-4069.	1.4	159
26	Sequential fractionation and isolation of subcellular proteins from tissue or cultured cells. <i>MethodsX</i> , 2015, 2, 440-445.	1.6	145
27	The Transcription Coactivator Cbp Is a Dynamic Component of the Promyelocytic Leukemia Nuclear Body. <i>Journal of Cell Biology</i> , 2001, 152, 1099-1106.	5.2	141
28	Catalytic Function of the PR-Set7 Histone H4 Lysine 20 Methyltransferase Is Essential for Mitotic Entry and Genomic Stability. <i>Journal of Biological Chemistry</i> , 2008, 283, 19478-19488.	3.4	137
29	PARP activation regulates the RNA-binding protein NONO in the DNA damage response to DNA double-strand breaks. <i>Nucleic Acids Research</i> , 2012, 40, 10287-10301.	14.5	136
30	Topoisomerase II alpha is associated with the mammalian centromere in a cell cycle- and species-specific manner and is required for proper centromere/kinetochore structure.. <i>Journal of Cell Biology</i> , 1996, 134, 1097-1107.	5.2	133
31	Investigation of PARP-1, PARP-2, and PARG interactomes by affinity-purification mass spectrometry. <i>Proteome Science</i> , 2010, 8, 22.	1.7	133
32	Kdm4b Histone Demethylase Is a DNA Damage Response Protein and Confers a Survival Advantage following I^3 -irradiation. <i>Journal of Biological Chemistry</i> , 2013, 288, 21376-21388.	3.4	130
33	Depletion of nuclear actin is a key mediator of quiescence in epithelial cells. <i>Journal of Cell Science</i> , 2011, 124, 123-132.	2.0	128
34	Mechanotransduction from the ECM to the genome: Are the pieces now in place?. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 1964-1987.	2.6	123
35	DEAD Box 1 Facilitates Removal of RNA and Homologous Recombination at DNA Double-Strand Breaks. <i>Molecular and Cellular Biology</i> , 2016, 36, 2794-2810.	2.3	122
36	Poly(ADP-ribose) polymerase-1 antagonizes DNA resection at double-strand breaks. <i>Nature Communications</i> , 2019, 10, 2954.	12.8	122

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37	The expanding role of poly(ADP-ribose) metabolism: current challenges and new perspectives. <i>Current Opinion in Cell Biology</i> , 2006, 18, 145-151.	5.4	120
38	Actin dynamics and functions in the interphase nucleus: moving toward an understanding of nuclear polymeric actin This paper is one of a selection of papers published in this Special Issue, entitled 29th Annual International Asilomar Chromatin and Chromosomes Conference, and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2009, 87, 283-306.	2.0	120
39	Chromatin Condensation Is Not Associated with Apoptosis. <i>Journal of Biological Chemistry</i> , 1998, 273, 24470-24478.	3.4	118
40	CBX4-mediated SUMO modification regulates BMI1 recruitment at sites of DNA damage. <i>Nucleic Acids Research</i> , 2012, 40, 5497-5510.	14.5	117
41	The RNF138 E3 ligase displaces Ku to promote DNA end resection and regulate DNA repair pathway choice. <i>Nature Cell Biology</i> , 2015, 17, 1446-1457.	10.3	113
42	Emerging roles of eraser enzymes in the dynamic control of protein ADP-ribosylation. <i>Nature Communications</i> , 2019, 10, 1182.	12.8	113
43	Polycomb repressive complex 2 contributes to DNA double-strand break repair. <i>Cell Cycle</i> , 2013, 12, 2675-2683.	2.6	112
44	Direct visualization of the elt-2 gut-specific GATA factor binding to a target promoter inside the living <i>Caenorhabditis elegans</i> embryo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 11883-11888.	7.1	105
45	CBP, a transcriptional coactivator and acetyltransferase. <i>Biochemistry and Cell Biology</i> , 2001, 79, 253-266.	2.0	103
46	PARP-3 associates with polycomb group bodies and with components of the DNA damage repair machinery. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 385-401.	2.6	100
47	The H2A.X: Is it just a surrogate marker of double-strand breaks or much more?. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 73-82.	2.2	94
48	Targeting poly(ADP-ribosyl)ation: a promising approach in cancer therapy. <i>Trends in Molecular Medicine</i> , 2005, 11, 456-463.	6.7	92
49	Organization of Highly Acetylated Chromatin around Sites of Heterogeneous Nuclear RNA Accumulation. <i>Molecular Biology of the Cell</i> , 1998, 9, 2491-2507.	2.1	90
50	Characterization of the histone H2A.Z-1 and H2A.Z-2 isoforms in vertebrates. <i>BMC Biology</i> , 2009, 7, 86.	3.8	89
51	Poly(ADP-ribosyl)ation-dependent Transient Chromatin Decondensation and Histone Displacement following Laser Microirradiation. <i>Journal of Biological Chemistry</i> , 2016, 291, 1789-1802.	3.4	80
52	Distinct dynamics and distribution of histone methyl-lysine derivatives in mouse development. <i>Developmental Biology</i> , 2004, 276, 337-351.	2.0	79
53	A Small Molecule Inhibitor of Polycomb Repressive Complex 1 Inhibits Ubiquitin Signaling at DNA Double-strand Breaks. <i>Journal of Biological Chemistry</i> , 2013, 288, 26944-26954.	3.4	76
54	Multiple functions of dynamic histone acetylation. <i>Journal of Cellular Biochemistry</i> , 1994, 55, 98-105.	2.6	75

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55	A requirement for polymerized actin in DNA double-strand break repair. <i>Nucleus</i> , 2012, 3, 384-395.	2.2	75
56	The relationship between histone H3 phosphorylation and acetylation throughout the mammalian cell cycle This paper is one of a selection of papers published in this Special Issue, entitled 27th International West Coast Chromatin and Chromosome Conference, and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2006, 84, 640-657.	2.0	73
57	Association of Human DEAD Box Protein DDX1 with a Cleavage Stimulation Factor Involved in 3' End Processing of Pre-mRNA. <i>Molecular Biology of the Cell</i> , 2001, 12, 3046-3059.	2.1	72
58	Dynamic Changes in Histone H3 Lysine 9 Methylations. <i>Journal of Biological Chemistry</i> , 2006, 281, 8888-8897.	3.4	72
59	Polycomb group proteins in the DNA damage response: A link between radiation resistance and stemness. <i>Cell Cycle</i> , 2011, 10, 883-894.	2.6	72
60	Polycomb group-mediated histone H2A monoubiquitination in epigenome regulation and nuclear processes. <i>Nature Communications</i> , 2020, 11, 5947.	12.8	72
61	H2A.Bbd: an X-chromosome-encoded histone involved in mammalian spermiogenesis. <i>Nucleic Acids Research</i> , 2010, 38, 1780-1789.	14.5	71
62	Quantitative Analysis of CBP- and P300-Induced Histone Acetylations In Vivo Using Native Chromatin. <i>Molecular and Cellular Biology</i> , 2003, 23, 7611-7627.	2.3	70
63	Methylation of MRE11 Regulates its Nuclear Compartmentalization. <i>Cell Cycle</i> , 2005, 4, 981-989.	2.6	70
64	Polycomb group protein gene silencing, non-coding RNA, stem cells, and cancer This paper is one of a selection of papers published in this Special Issue, entitled The 30th Annual International Asilomar Chromatin and Chromosomes Conference, and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2009, 87, 711-746.	2.0	70
65	The oncogenic potential of Jumonji D2 (JMJD2/KDM4) histone demethylase overexpression. <i>Biochemistry and Cell Biology</i> , 2013, 91, 369-377.	2.0	68
66	MUC1 Initiates Src-CrkL-Rac1/Cdc42 Mediated Actin Cytoskeletal Protrusive Motility after Ligating Intercellular Adhesion Molecule-1. <i>Molecular Cancer Research</i> , 2008, 6, 555-567.	3.4	65
67	The Interchromatin Compartment Participates in the Structural and Functional Organization of the Cell Nucleus. <i>BioEssays</i> , 2020, 42, e1900132.	2.5	65
68	Direct Visualization of a Protein Nuclear Architecture. <i>Molecular Biology of the Cell</i> , 1999, 10, 2051-2062.	2.1	62
69	Phosphorylation of polynucleotide kinase/ phosphatase by DNA-dependent protein kinase and ataxia-telangiectasia mutated regulates its association with sites of DNA damage. <i>Nucleic Acids Research</i> , 2011, 39, 9224-9237.	14.5	61
70	The cytotoxicity of \hat{I}^3 -secretase inhibitor I to breast cancer cells is mediated by proteasome inhibition, not by \hat{I}^3 -secretase inhibition. <i>Breast Cancer Research</i> , 2009, 11, R57.	5.0	60
71	The CD20 Calcium Channel Is Localized to Microvilli and Constitutively Associated with Membrane Rafts. <i>Journal of Biological Chemistry</i> , 2004, 279, 19893-19901.	3.4	59
72	MeCP2 binds to nucleosome free (linker DNA) regions and to H3K9/H3K27 methylated nucleosomes in the brain. <i>Nucleic Acids Research</i> , 2012, 40, 2884-2897.	14.5	57

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73	The solid and liquid states of chromatin. <i>Epigenetics and Chromatin</i> , 2021, 14, 50.	3.9	55
74	Electron Spectroscopic Imaging of Chromatin. <i>Methods</i> , 1999, 17, 188-200.	3.8	53
75	Characterizing fluorescence recovery curves for nuclear proteins undergoing binding events. <i>Bulletin of Mathematical Biology</i> , 2004, 66, 1515-1545.	1.9	52
76	Molecular dynamics of histone H1. This paper is one of a selection of papers published in this Special Issue, entitled CSBMCB's 51st Annual Meeting "Epigenetics and Chromatin Dynamics", and has undergone the Journal's usual peer review process. <i>Biochemistry and Cell Biology</i> , 2009, 87, 189-206.	2.0	51
77	Covalent Inhibition of Ubc13 Affects Ubiquitin Signaling and Reveals Active Site Elements Important for Targeting. <i>ACS Chemical Biology</i> , 2015, 10, 1718-1728.	3.4	50
78	Proteomic Investigation of Phosphorylation Sites in Poly(ADP-ribose) Polymerase-1 and Poly(ADP-ribose) Glycohydrolase. <i>Journal of Proteome Research</i> , 2009, 8, 1014-1029.	3.7	49
79	Notch signaling as a therapeutic target for breast cancer treatment?. <i>Breast Cancer Research</i> , 2011, 13, 210.	5.0	47
80	Synthesis and biological testing of novel pyridoisothiazolones as histone acetyltransferase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 3678-3689.	3.0	43
81	Compartmentalization of regulatory proteins in the cell nucleus. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2001, 76, 9-21.	2.5	41
82	Dynamic relocation of poly(ADP-ribose) glycohydrolase isoforms during radiation-induced DNA damage. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 226-237.	4.1	40
83	Proteome-wide Identification of WRN-Interacting Proteins in Untreated and Nuclease-Treated Samples. <i>Journal of Proteome Research</i> , 2011, 10, 1216-1227.	3.7	39
84	Linker Histones Are Mobilized during Infection with Herpes Simplex Virus Type 1. <i>Journal of Virology</i> , 2008, 82, 8629-8646.	3.4	37
85	F-actin-dependent Insolubility of Chromatin-modifying Components. <i>Journal of Biological Chemistry</i> , 2004, 279, 25017-25023.	3.4	36
86	Improved transfection efficiency of an aliphatic lipid substituted 2 kDa polyethylenimine is attributed to enhanced nuclear association and uptake in rat bone marrow stromal cell. <i>Journal of Gene Medicine</i> , 2011, 13, 46-59.	2.8	36
87	Epigenetics regulate centromere formation and kinetochore function. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 2027-2039.	2.6	35
88	Quantitative Analysis Reveals Asynchronous and more than DSB-Associated Histone H2AX Phosphorylation after Exposure to Ionizing Radiation. <i>Radiation Research</i> , 2006, 165, 283-292.	1.5	34
89	Reprogramming progeria fibroblasts reestablishes a normal epigenetic landscape. <i>Aging Cell</i> , 2017, 16, 870-887.	6.7	34
90	G2 histone methylation is required for the proper segregation of chromosomes. <i>Journal of Cell Science</i> , 2009, 122, 2957-2968.	2.0	33

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91	DNA ligase III acts as a DNA strand break sensor in the cellular orchestration of DNA strand break repair. <i>Nucleic Acids Research</i> , 2015, 43, 875-892.	14.5	32
92	Pin1 promotes histone H1 dephosphorylation and stabilizes its binding to chromatin. <i>Journal of Cell Biology</i> , 2013, 203, 57-71.	5.2	30
93	Molecular Basis for K63-Linked Ubiquitination Processes in Double-Strand DNA Break Repair: A Focus on Kinetics and Dynamics. <i>Journal of Molecular Biology</i> , 2017, 429, 3409-3429.	4.2	30
94	Quantification of Protein-Protein and Protein-DNA Interactions In Vivo, Using Fluorescence Recovery after Photobleaching. <i>Methods in Enzymology</i> , 2003, 375, 415-442.	1.0	29
95	Core Histones H2B and H4 Are Mobilized during Infection with Herpes Simplex Virus 1. <i>Journal of Virology</i> , 2011, 85, 13234-13252.	3.4	29
96	The F-act's of nuclear actin. <i>Current Opinion in Cell Biology</i> , 2014, 28, 84-89.	5.4	28
97	RNF8 E3 Ubiquitin Ligase Stimulates Ubc13 E2 Conjugating Activity That Is Essential for DNA Double Strand Break Signaling and BRCA1 Tumor Suppressor Recruitment. <i>Journal of Biological Chemistry</i> , 2016, 291, 9396-9410.	3.4	26
98	Changes in the nuclear matrix of chicken erythrocytes that accompany maturation. <i>Biochemical Journal</i> , 1996, 320, 257-265.	3.7	25
99	Fixation-dependent organization of core histones following DNA fluorescent in situ hybridization. <i>Chromosoma</i> , 1997, 106, 114-123.	2.2	25
100	Nuclear distribution of histone deacetylase: a marker enzyme for the internal nuclear matrix. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992, 1130, 307-313.	2.4	24
101	The Transcriptional Regulator CBP Has Defined Spatial Associations within Interphase Nuclei. <i>PLoS Computational Biology</i> , 2006, 2, e139.	3.2	24
102	Impaired in vivo binding of MeCP2 to chromatin in the absence of its DNA methyl-binding domain. <i>Nucleic Acids Research</i> , 2013, 41, 4888-4900.	14.5	24
103	RYBP Is a K63-Ubiquitin-Chain-Binding Protein that Inhibits Homologous Recombination Repair. <i>Cell Reports</i> , 2018, 22, 383-395.	6.4	23
104	CBP, a transcriptional coactivator and acetyltransferase. <i>Biochemistry and Cell Biology</i> , 2001, 79, 253-266.	2.0	23
105	The Differential Mobilization of Histones H3.1 and H3.3 by Herpes Simplex Virus 1 Relates Histone Dynamics to the Assembly of Viral Chromatin. <i>PLoS Pathogens</i> , 2013, 9, e1003695.	4.7	22
106	Poly(ADP-ribose) glycohydrolase is a component of the FMRP-associated messenger ribonucleoproteins. <i>Biochemical Journal</i> , 2005, 392, 499-509.	3.7	19
107	Core Histone Hyperacetylation Impacts Cooperative Behavior and High-Affinity Binding of Histone H1 to Chromatin. <i>Biochemistry</i> , 2010, 49, 4420-4431.	2.5	19
108	Association of ATM activation and DNA repair with induced radioresistance after low-dose irradiation. <i>Radiation Protection Dosimetry</i> , 2015, 166, 131-136.	0.8	18

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109	RNA polymerase II transcription and the functional organization of the mammalian cell nucleus. <i>Chromosoma</i> , 1995, 103, 509-516.	2.2	17
110	A Key Role for Poly(ADP-Ribose) Polymerase 3 in Ectodermal Specification and Neural Crest Development. <i>PLoS ONE</i> , 2011, 6, e15834.	2.5	17
111	Subnuclear localization and mobility are key indicators of PAX3 dysfunction in Waardenburg syndrome. <i>Human Molecular Genetics</i> , 2008, 17, 1825-1837.	2.9	16
112	Modelling the compartmentalization of splicing factors. <i>Journal of Theoretical Biology</i> , 2006, 239, 298-312.	1.7	15
113	Using quantitative imaging microscopy to define the target substrate specificities of histone post-translational-modifying enzymes. <i>Methods</i> , 2005, 36, 351-361.	3.8	14
114	Epigenetic regulation of centromere formation and kinetochore function This paper is one of a selection of papers published in this Special Issue, entitled 27th International West Coast Chromatin and Chromosome Conference, and has undergone the Journal's usual peer review process.. <i>Biochemistry and Cell Biology</i> , 2006, 84, 605-630.	2.0	14
115	The PAX3 Paired Domain and Homeodomain Function as a Single Binding Module In Vivo to Regulate Subnuclear Localization and Mobility by a Mechanism That Requires Base-Specific Recognition. <i>Journal of Molecular Biology</i> , 2010, 402, 178-193.	4.2	13
116	Matrix metalloproteinase-2 mediates ribosomal RNA transcription by cleaving nucleolar histones. <i>FEBS Journal</i> , 2021, 288, 6736-6751.	4.7	13
117	The integration of tissue structure and nuclear function. <i>Biochemistry and Cell Biology</i> , 2001, 79, 267-274.	2.0	12
118	BCL10 is recruited to sites of DNA damage to facilitate DNA double-strand break repair. <i>Cell Cycle</i> , 2016, 15, 84-94.	2.6	12
119	The relationship between histone posttranslational modification and DNA damage signaling and repair. <i>International Journal of Radiation Biology</i> , 2019, 95, 382-393.	1.8	12
120	Visualization of miniSOG Tagged DNA Repair Proteins in Combination with Electron Spectroscopic Imaging (ESI). <i>Journal of Visualized Experiments</i> , 2015, , .	0.3	11
121	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, 414-419.	2.1	10
122	Interaction of chromatin with a histone H1 containing swapped N- and C-terminal domains. <i>Bioscience Reports</i> , 2015, 35, .	2.4	10
123	Trichostatin A decreases the levels of MeCP2 expression and phosphorylation and increases its chromatin binding affinity. <i>Epigenetics</i> , 2017, 12, 934-944.	2.7	10
124	Domain analysis of PNKP-XRCC1 interactions: Influence of genetic variants of XRCC1. <i>Journal of Biological Chemistry</i> , 2019, 294, 520-530.	3.4	10
125	Characterization and comparison of protein complexes initiated by the intracellular domain of individual Notch paralogs. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 479-485.	2.1	6
126	The integration of tissue structure and nuclear function. <i>Biochemistry and Cell Biology</i> , 2001, 79, 267-274.	2.0	6

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127	Nuclear matrix proteins bind very tightly to specific regions of the chicken histone H5 gene. <i>Biochemistry and Cell Biology</i> , 1992, 70, 822-829.	2.0	3
128	Modeling transcription factor binding events to DNA using a random walker/jumper representation on a 1D/2D lattice with different affinity sites. <i>Physical Biology</i> , 2007, 4, 256-267.	1.8	3
129	Conversations between chromatin modifications and DNA double strand break repair: A commentary. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2013, 750, 1-4.	1.0	3
130	Immunofluorescence of Histone Proteins. <i>Methods in Molecular Biology</i> , 2017, 1528, 165-171.	0.9	3
131	Shuttling towards a predictive assay for radiotherapy. <i>Translational Cancer Research</i> , 2016, 5, S742-S746.	1.0	3
132	A Method for Assessing Kinetic Changes of Histone H1 after Post-Translational Modifications. , 2009, , .		2
133	DNA Repair Foci Formation and Function at DNA Double-Strand Breaks. , 2016, , 219-237.		2
134	Using a model comparison approach to describe the assembly pathway for histone H1. <i>PLoS ONE</i> , 2018, 13, e0191562.	2.5	2
135	Heterogeneity of Organization of Subcompartments in DSB Repair Foci. <i>Frontiers in Genetics</i> , 0, 13, .	2.3	2
136	Reduction of histone acetylation in mitosis through loss of histone acetyltransferases and deacetylases from chromatin. <i>Biochemistry and Cell Biology</i> , 1999, 77, 400.	2.0	1
137	Conference Scene: Epigenetics Eh! The first formal meeting of the Canadian epigenetics community. <i>Epigenomics</i> , 2011, 3, 409-415.	2.1	1
138	Depletion of nuclear actin is a key mediator of quiescence in epithelial cells. <i>Development (Cambridge)</i> , 2011, 138, e0207-e0207.	2.5	1
139	Introduction: <i>Genome Biology</i> . <i>Genome</i> , 2021, 64, v-vii.	2.0	0
140	Nucleolar Matrix Metalloproteinase-2 Regulates rRNA Transcription. <i>FASEB Journal</i> , 2018, 32, lb416.	0.5	0
141	RNA polymerase II transcription and the functional organization of the mammalian cell nucleus. <i>Chromosoma</i> , 1995, 103, 509-516.	2.2	0