Wendy A Bickmore

List of Publications by Year
in descending order

180 papers	22,040 citations	74 h-index (9234)	141 g-index (9839)
237 all docs	237 docs citations	237 times ranked	19053 citing authors

#	Article	IF	Citations
1	Differences in the Localization and Morphology of Chromosomes in the Human Nucleus. Journal of Cell Biology, 1999, 145, 1119-1131.	2.3	823
2	The candidate Wilms' tumour gene is involved in genitourinary development. Nature, 1990, 346, 194-197.	13.7	814
3	Nuclear organization of the genome and the potential for gene regulation. Nature, 2007, 447, 413-417.	13.7	683
4	Genome Architecture: Domain Organization of Interphase Chromosomes. Cell, 2013, 152, 1270-1284.	13.5	659
5	Single-Cell Dynamics of Genome-Nuclear Lamina Interactions. Cell, 2013, 153, 178-192.	13.5	609
6	The spatial organization of human chromosomes within the nuclei of normal and emerin-mutant cells. Human Molecular Genetics, 2001, 10, 211-219.	1.4	592
7	Chromatin decondensation and nuclear reorganization of the HoxB locus upon induction of transcription. Genes and Development, 2004, 18, 1119-1130.	2.7	562
8	Chromatin Motion Is Constrained by Association with Nuclear Compartments in Human Cells. Current Biology, 2002, 12, 439-445.	1.8	533
9	The expression of the Wilms' tumour gene, WT1, in the developing mammalian embryo. Mechanisms of Development, 1993, 40, 85-97.	1.7	530
10	A Y chromosome gene family with RNA-binding protein homology: Candidates for the azoospermia factor AZF controlling human spermatogenesis. Cell, 1993, 75, 1287-1295.	13.5	510
11	Recruitment to the Nuclear Periphery Can Alter Expression of Genes in Human Cells. PLoS Genetics, 2008, 4, e1000039.	1.5	494
12	Ring1B Compacts Chromatin Structure and Represses Gene Expression Independent of Histone Ubiquitination. Molecular Cell, 2010, 38, 452-464.	4.5	485
13	Enhancers: five essential questions. Nature Reviews Genetics, 2013, 14, 288-295.	7.7	455
14	Chromatin Architecture of the Human Genome. Cell, 2004, 118, 555-566.	13.5	452
15	The Spatial Organization of the Human Genome. Annual Review of Genomics and Human Genetics, 2013, 14, 67-84.	2.5	358
16	Transcription factories: gene expression in unions?. Nature Reviews Genetics, 2009, 10, 457-466.	7.7	336
17	Human cord blood-derived cells can differentiate into hepatocytes in the mouse liver with no evidence of cellular fusion. Gastroenterology, 2003, 124, 1891-1900.	0.6	303
18	Psip1/Ledgf p52 Binds Methylated Histone H3K36 and Splicing Factors and Contributes to the Regulation of Alternative Splicing. PLoS Genetics, 2012, 8, e1002717.	1.5	296

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19	Re-modelling of nuclear architecture in quiescent and senescent human fibroblasts. Current Biology, 2000, 10, 149-152.	1.8	291
20	A mechanism of cohesinâ€dependent loop extrusion organizes zygotic genome architecture. EMBO Journal, 2017, 36, 3600-3618.	3.5	291
21	Chromatin decondensation is sufficient to alter nuclear organization in embryonic stem cells. Science, 2014, 346, 1238-1242.	6.0	267
22	Gene density and transcription influence the localization of chromatin outside of chromosome territories detectable by FISH. Journal of Cell Biology, 2002, 159, 753-763.	2.3	264
23	The role of chromatin structure in regulating the expression of clustered genes. Nature Reviews Genetics, 2005, 6, 775-781.	7.7	263
24	The distribution of CpG islands in mammalian chromosomes. Nature Genetics, 1994, 7, 376-382.	9.4	251
25	ENCODE explained. Nature, 2012, 489, 52-54.	13.7	245
26	Modulation of DNA binding specificity by alternative splicing of the Wilms tumor wt1 gene transcript. Science, 1992, 257, 235-237.	6.0	236
27	Imprinting mutations in the Beckwithâ€"Wiedemann syndrome suggested by an altered imprinting pattern in the IGF2â€"H19 domain. Human Molecular Genetics, 1995, 4, 2379-2385.	1.4	235
28	Localization of a putative transcriptional regulator (ATRX) at pericentromeric heterochromatin and the short arms of acrocentric chromosomes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 13983-13988.	3.3	233
29	Histone H2A Mono-Ubiquitination Is a Crucial Step to Mediate PRC1-Dependent Repression of Developmental Genes to Maintain ES Cell Identity. PLoS Genetics, 2012, 8, e1002774.	1.5	233
30	Spatial genome organization: contrasting views from chromosome conformation capture and fluorescence in situ hybridization. Genes and Development, 2014, 28, 2778-2791.	2.7	230
31	Decreased Enhancer-Promoter Proximity Accompanying Enhancer Activation. Molecular Cell, 2019, 76, 473-484.e7.	4.5	223
32	Role of PSIP1/LEDGF/p75 in Lentiviral Infectivity and Integration Targeting. PLoS ONE, 2007, 2, e1340.	1.1	209
33	Spatial organization of active and inactive genes and noncoding DNA within chromosome territories. Journal of Cell Biology, 2002, 157, 579-589.	2.3	207
34	Redistribution of H3K27me3 upon DNA hypomethylation results in de-repression of Polycomb target genes. Genome Biology, 2013, 14, R25.	13.9	200
35	HuCHRAC, a human ISWI chromatin remodelling complex contains hACF1 and two novel histone-fold proteins. EMBO Journal, 2000, 19, 3377-3387.	3.5	196
36	Aniridia-associated cytogenetic rearrangements suggest that a position effect may cause the mutant phenotype. Human Molecular Genetics, 1995, 4, 415-422.	1.4	195

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37	An Overview of Genome Organization and How We Got There: from FISH to Hi-C. Microbiology and Molecular Biology Reviews, 2015, 79, 347-372.	2.9	190
38	Histone H3 globular domain acetylation identifies a new class of enhancers. Nature Genetics, 2016, 48, 681-686.	9.4	184
39	Nuclear reorganisation and chromatin decondensation are conserved, but distinct, mechanisms linked to Hox gene activation. Development (Cambridge), 2007, 134, 909-919.	1.2	182
40	Nuclear re-organisation of the Hoxb complex during mouse embryonic development. Development (Cambridge), 2005, 132, 2215-2223.	1.2	181
41	Genes and genomes: Chromosome bands - flavours to savour. BioEssays, 1993, 15, 349-354.	1.2	178
42	Mammalian chromosome banding â€" an expression of genome organization. Trends in Genetics, 1989, 5, 144-148.	2.9	175
43	G9a Histone Methyltransferase Contributes to Imprinting in the Mouse Placenta. Molecular and Cellular Biology, 2008, 28, 1104-1113.	1.1	172
44	The Radial Positioning of Chromatin Is Not Inherited through Mitosis but Is Established De Novo in Early G1. Current Biology, 2004, 14, 166-172.	1.8	168
45	H4K16 acetylation marks active genes and enhancers of embryonic stem cells, but does not alter chromatin compaction. Genome Research, 2013, 23, 2053-2065.	2.4	158
46	Distinctive nuclear organisation of centromeres and regions involved in pluripotency in human embryonic stem cells. Journal of Cell Science, 2005, 118, 3861-3868.	1.2	147
47	The E3 ubiquitin ligase activity of RING1B is not essential for early mouse development. Genes and Development, 2015, 29, 1897-1902.	2.7	142
48	Fluorescence in situ hybridization with high-complexity repeat-free oligonucleotide probes generated by massively parallel synthesis. Chromosome Research, 2011, 19, 901-909.	1.0	140
49	Epigenetic disruption of ribosomal RNA genes and nucleolar architecture in DNA methyltransferase 1 (Dnmt1) deficient cells. Nucleic Acids Research, 2007, 35, 2191-2198.	6.5	128
50	The Hierarchy of Transcriptional Activation: From Enhancer to Promoter. Trends in Genetics, 2015, 31, 696-708.	2.9	127
51	Chromatin Organization in the Mammalian Nucleus. International Review of Cytology, 2004, 242, 283-336.	6.2	125
52	The ins and outs of gene regulation and chromosome territory organisation. Current Opinion in Cell Biology, 2007, 19, 311-316.	2.6	125
53	Human acrocentric chromosomes with transcriptionally silent nucleolar organizer regions associate with nucleoli. EMBO Journal, 2001, 20, 2867-2877.	3.5	120
54	Considering Nuclear Compartmentalization in the Light of Nuclear Dynamics. Cell, 2003, 112, 403-406.	13.5	119

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55	Specific nuclear envelope transmembrane proteins can promote the location of chromosomes to and from the nuclear periphery. Genome Biology, 2013, 14, R14.	13.9	116
56	Developmentally regulated <i>Shh</i> expression is robust to TAD perturbations. Development (Cambridge), 2019, 146, .	1.2	111
57	<i>Coolpup.py:</i> versatile pile-up analysis of Hi-C data. Bioinformatics, 2020, 36, 2980-2985.	1.8	111
58	The effects of histone deacetylase inhibitors on heterochromatin: implications for anticancer therapy?. EMBO Reports, 2005, 6, 520-524.	2.0	109
59	Large-scale identification of mammalian proteins localized to nuclear sub-compartments. Human Molecular Genetics, 2001, 10, 1995-2011.	1.4	108
60	DNA methylation affects nuclear organization, histone modifications, and linker histone binding but not chromatin compaction. Journal of Cell Biology, 2007, 177, 401-411.	2.3	107
61	<i>Shh</i> and ZRS enhancer co-localisation is specific to the zone of polarizing activity. Development (Cambridge), 2016, 143, 2994-3001.	1.2	107
62	PRC1 Fine-tunes Gene Repression and Activation to Safeguard Skin Development and Stem Cell Specification. Cell Stem Cell, 2018, 22, 726-739.e7.	5.2	106
63	Does looping and clustering in the nucleus regulate gene expression?. Current Opinion in Cell Biology, 2004, 16, 256-262.	2.6	104
64	Imprinting mutation in the Beckwith-Wiedemann syndrome leads to biallelic IGF2 expression through an H19-independent pathway. Human Molecular Genetics, 1996, 5, 2027-2032.	1.4	103
65	Formation of facultative heterochromatin in the absence of HP1. EMBO Journal, 2003, 22, 5540-5550.	3.5	102
66	The effect of translocation-induced nuclear reorganization on gene expression. Genome Research, 2010, 20, 554-564.	2.4	100
67	A central role for canonical PRC1 in shaping the 3D nuclear landscape. Genes and Development, 2020, 34, 931-949.	2.7	100
68	DNA binding capacity of the WT1 protein is abolished by Denysâ€"Drash syndrome WT1 point mutations. Human Molecular Genetics, 1995, 4, 351-358.	1.4	98
69	Disruption of Ledgf/Psip1 Results in Perinatal Mortality and HomeoticSkeletal Transformations. Molecular and Cellular Biology, 2006, 26, 7201-7210.	1.1	96
70	BRD4 interacts with NIPBL and BRD4 is mutated in a Cornelia de Langeâ€"like syndrome. Nature Genetics, 2018, 50, 329-332.	9.4	96
71	Chromatin topology, condensates and gene regulation: shifting paradigms or just a phase?. Development (Cambridge), 2019, 146, .	1.2	93
72	Enhancer Turnover Is Associated with a Divergent Transcriptional Response to Glucocorticoid in Mouse and Human Macrophages. Journal of Immunology, 2016, 196, 813-822.	0.4	89

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73	Role for the Wilms tumor gene in genital development?. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5383-5386.	3.3	86
74	3D3/lyric: a novel transmembrane protein of the endoplasmic reticulum and nuclear envelope, which is also present in the nucleolus. Experimental Cell Research, 2004, 294, 94-105.	1.2	86
75	Human diseases with underlying defects in chromatin structure and modification. Human Molecular Genetics, 2001, 10, 2233-2242.	1.4	84
76	Chromatin structure and evolution in the human genome. BMC Evolutionary Biology, 2007, 7, 72.	3.2	80
77	Bone marrow-derived SP cells can contribute to the respiratory tract of mice in vivo. Journal of Cell Science, 2005, 118, 2441-2450.	1.2	79
78	Influences of chromosome size, gene density and nuclear position on the frequency of constitutional translocations in the human population. Chromosome Research, 2002, 10, 707-715.	1.0	78
79	Mutations in TOPORS Cause Autosomal Dominant Retinitis Pigmentosa with Perivascular Retinal Pigment Epithelium Atrophy. American Journal of Human Genetics, 2007, 81, 1098-1103.	2.6	77
80	Mammalian PRP4 Kinase Copurifies and Interacts with Components of Both the U5 snRNP and the N-CoR Deacetylase Complexes. Molecular and Cellular Biology, 2002, 22, 5141-5156.	1.1	76
81	DNA Methylation Directs Polycomb-Dependent 3D Genome Re-organization in Naive Pluripotency. Cell Reports, 2019, 29, 1974-1985.e6.	2.9	76
82	Visualizing the Spatial Relationships between Defined DNA Sequences and the Axial Region of Extracted Metaphase Chromosomes. Cell, 1996, 84, 95-104.	13.5	75
83	Nuclear pore density controls heterochromatin reorganization during senescence. Genes and Development, 2019, 33, 144-149.	2.7	73
84	Chromatin at the nuclear periphery and the regulation of genome functions. Histochemistry and Cell Biology, 2015, 144, 111-122.	0.8	69
85	HRAS1-selected chromosome transfer generates markers that colocalize aniridia- and genitourinary dysplasia-associated translocation breakpoints and the Wilms tumor gene within band 11p13.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 5355-5359.	3.3	68
86	Extensive pleiotropism and allelic heterogeneity mediate metabolic effects of <i>IRX3</i> and <i>IRX5</i>. Science, 2021, 372, 1085-1091.	6.0	66
87	Chromosome territory reorganization in a human disease with altered DNA methylation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16546-16551.	3.3	64
88	Activation of Estrogen-Responsive Genes Does Not Require Their Nuclear Co-Localization. PLoS Genetics, 2010, 6, e1000922.	1.5	64
89	Addressing protein localization within the nucleus. EMBO Journal, 2002, 21, 1248-1254.	3.5	62
90	Anterior-posterior differences in HoxD chromatin topology in limb development. Development (Cambridge), 2012, 139, 3157-3167.	1.2	62

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91	Lack of bystander activation shows that localization exterior to chromosome territories is not sufficient to up-regulate gene expression. Genome Research, 2009, 19, 1184-1194.	2.4	60
92	Enhancers: From Developmental Genetics to the Genetics of Common Human Disease. Developmental Cell, 2011, 21, 17-19.	3.1	60
93	Putting the genome on the map. Trends in Genetics, 1998, 14, 403-409.	2.9	59
94	A high-resolution integrated physical, cytogenetic, and genetic map of human chromosome 11: distal p13 to proximal p15.1. Genomics, 1995, 25, 447-461.	1.3	58
95	Transcription and the nuclear periphery: edge of darkness?. Current Opinion in Genetics and Development, 2009, 19, 187-191.	1.5	55
96	The frequent evolutionary birth and death of functional promoters in mouse and human. Genome Research, 2015, 25, 1546-1557.	2.4	55
97	[22] Use of restriction endonucleases to detect and isolate genes from mammalian cells. Methods in Enzymology, 1992, 216, 224-244.	0.4	54
98	Stable Morphology, but Dynamic Internal Reorganisation, of Interphase Human Chromosomes in Living Cells. PLoS ONE, 2010, 5, e11560.	1.1	54
99	Chromosome organization in the nucleus â€“ charting new territory across the Hi-Cs. Current Opinion in Genetics and Development, 2012, 22, 125-131.	1.5	52
100	Bidirectional transcription initiation marks accessible chromatin and is not specific to enhancers. Genome Biology, 2017, 18, 242.	3.8	52
101	Perturbations of chromatin structure in human genetic disease: recent advances. Human Molecular Genetics, 2003, 12, R207-R213.	1.4	51
102	The Human Serum Amyloid A Protein (SAA) Superfamily Gene Cluster: Mapping to Chromosome 11p15.1 by Physical and Genetic Linkage Analysis. Genomics, 1994, 19, 221-227.	1.3	50
103	FGF Signalling Regulates Chromatin Organisation during Neural Differentiation via Mechanisms that Can Be Uncoupled from Transcription. PLoS Genetics, 2013, 9, e1003614.	1.5	50
104	Estrogen-induced chromatin decondensation and nuclear re-organization linked to regional epigenetic regulation in breast cancer. Genome Biology, 2015, 16, 145.	3.8	49
105	Close linkage of the human cytochrome P450IIA and P450IIB gene subfamilies: implications for the assignment of substrate specificity. Nucleic Acids Research, 1989, 17, 2907-2917.	6.5	47
106	Nuclear organization of centromeric domains is not perturbed by inhibition of histone deacetylases. Chromosome Research, 2004, 12, 505-516.	1.0	47
107	Challenges and guidelines toward 4D nucleome data and model standards. Nature Genetics, 2018, 50, 1352-1358.	9.4	47
108	Altered protein dynamics of disease-associated lamin A mutants. BMC Cell Biology, 2004, 5, 46.	3.0	46

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109	Repo-Man/PP1 regulates heterochromatin formation in interphase. Nature Communications, 2017, 8, 14048.	5.8	46
110	The Reticulocalbin Gene Maps to the WAGR Region in Human and to the Small Eye Harwell Deletion in Mouse. Genomics, 1997, 42, 260-267.	1.3	44
111	Glucocorticoid Receptor Binding Induces Rapid and Prolonged Large-Scale Chromatin Decompaction at Multiple Target Loci. Cell Reports, 2017, 21, 3022-3031.	2.9	43
112	The Chromosomal Distribution of CpG Islands in the Mouse: Evidence for Genome Scrambling in the Rodent Lineage. Genomics, 1997, 40, 454-461.	1.3	42
113	Ectopic nuclear reorganisation driven by a<i>Hoxb1</i>transgene transposed into<i>Hoxd</i>. Journal of Cell Science, 2008, 121, 571-577.	1.2	42
114	Evolution of homologous sequences on the human X and Y chromosomes, outside of the meiotic pairing segment. Nucleic Acids Research, 1987, 15, 6261-6271.	6.5	41
115	Hitch-hiking from HRAS1 to the WAGR locus with CMGT markers. Nucleic Acids Research, 1988, 16, 51-60.	6.5	41
116	Condensin II mutation causes T-cell lymphoma through tissue-specific genome instability. Genes and Development, 2016, 30, 2173-2186.	2.7	41
117	Bone Marrow Stem Cells Contribute to Alcohol Liver Fibrosis in Humans. Stem Cells and Development, 2010, 19, 1417-1425.	1.1	40
118	PRC1 and PRC2 Are Not Required for Targeting of H2A.Z to Developmental Genes in Embryonic Stem Cells. PLoS ONE, 2012, 7, e34848.	1.1	40
119	A Hox-Embedded Long Noncoding RNA: Is It All Hot Air?. PLoS Genetics, 2016, 12, e1006485.	1.5	38
120	Developmental timing in Dictyostelium is regulated by the Set1 histone methyltransferase. Developmental Biology, 2006, 292, 519-532.	0.9	37
121	Divergence of Mammalian Higher Order Chromatin Structure Is Associated with Developmental Loci. PLoS Computational Biology, 2013, 9, e1003017.	1.5	36
122	Regional chromatin decompaction in Cornelia de Lange syndrome associated with NIPBL disruption can be uncoupled from cohesin and CTCF. Human Molecular Genetics, 2013, 22, 4180-4193.	1.4	35
123	Bivalent promoter hypermethylation in cancer is linked to the H327me3/H3K4me3 ratio in embryonic stem cells. BMC Biology, 2020, 18, 25.	1.7	35
124	Colocalization of the Human CD59 Gene to 11p13 with the MIC11 Cell Surface Antigen. Genomics, 1993, 17, 129-135.	1.3	34
125	Organization of the Region Encompassing the Human Serum Amyloid A (SAA) Gene Family on Chromosome 11p15.1. Genomics, 1994, 23, 492-495.	1.3	32
126	Psip1/p52 regulates posterior Hoxa genes through activation of lncRNA Hottip. PLoS Genetics, 2017, 13, e1006677.	1.5	30

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127	Chromosome Position: Now, Where Was I?. Current Biology, 2003, 13, R357-R359.	1.8	29
128	Does radial nuclear organisation influence DNA damage?. Chromosome Research, 2005, 13, 377-388.	1.0	29
129	Regulatory Domains and Their Mechanisms. Cold Spring Harbor Symposia on Quantitative Biology, 2015, 80, 45-51.	2.0	29
130	Nuclear organisation and replication timing are coupled through RIF1â€“PP1 interaction. Nature Communications, 2021, 12, 2910.	5.8	29
131	Polycomb enables primitive endoderm lineage priming in embryonic stem cells. ELife, 2016, 5, .	2.8	28
132	CpG island libraries from human Chromosomes 18 and 22: landmarks for novel genes. Mammalian Genome, 2000, 11, 373-383.	1.0	27
133	Psip1/Ledgf p75 restrains<i>Hox</i>gene expression by recruiting both trithorax and polycomb group proteins. Nucleic Acids Research, 2014, 42, 9021-9032.	6.5	26
134	Pausing for Thought on the Boundaries of Imprinting. Cell, 2000, 102, 705-708.	13.5	25
135	CpG islands surround a DNA segment located between translocation breakpoints associated with genitourinary dysplasia and aniridia. Genomics, 1989, 5, 685-693.	1.3	23
136	KRAB zinc-finger proteins localise to novel KAP1-containing foci that are adjacent to PML nuclear bodies. Journal of Cell Science, 2009, 122, 937-946.	1.2	23
137	Regulation from a distance: long-range control of gene expression in development and disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120372.	1.8	22
138	The SOD1 transgene in the G93A mouse model of amyotrophic lateral sclerosis lies on distal mouse chromosome 12. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2005, 6, 111-114.	2.3	19
139	Linking the <i>FTO</i> obesity rs1421085 variant circuitry to cellular, metabolic, and organismal phenotypes in vivo. Science Advances, 2021, 7, .	4.7	19
140	Dual Y-chromosome Painting and Immunofluorescence Staining of Archival Human Liver Transplant Biopsies. Journal of Histochemistry and Cytochemistry, 2001, 49, 1321-1322.	1.3	18
141	CorneliaÂde Lange syndrome-associated mutations cause a DNA damage signalling and repair defect. Nature Communications, 2021, 12, 3127.	5.8	18
142	SBE6: a novel long-range enhancer involved in driving sonic hedgehog expression in neural progenitor cells. Open Biology, 2016, 6, 160197.	1.5	17
143	EvoChromo: towards a synthesis of chromatin biology and evolution. Development (Cambridge), 2019, 146, .	1.2	16
144	Quantitative spatial and temporal assessment of regulatory element activity in zebrafish. ELife, 2021, 10, .	2.8	14

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145	Do Higher-Order Chromatin Structure and Nuclear Reorganization Play a Role in Regulating Hox Gene Expression during Development?. Cold Spring Harbor Symposia on Quantitative Biology, 2004, 69, 251-258.	2.0	13
146	Recent advances in the spatial organization of the mammalian genome. Journal of Biosciences, 2020, 45, 1.	0.5	12
147	The relationship between higher-order chromatin structure and transcription. Biochemical Society Symposia, 2006, 73, 59-66.	2.7	11
148	Reed-Sternberg Cells Form by Abscission Failure in the Presence of Functional Aurora B Kinase. PLoS ONE, 2015, 10, e0124629.	1.1	11
149	PRC2-independent chromatin compaction and transcriptional repression in cancer. Oncogene, 2015, 34, 741-751.	2.6	10
150	Fluorescence in situ hybridization analysis of chromosome and chromatin structure. Methods in Enzymology, 1999, 304, 650-662.	0.4	9
151	Long-range structure of H-ras 1-selected transgenomes. Somatic Cell and Molecular Genetics, 1989, 15, 229-235.	0.7	8
152	Aniridia, Wilms' tumor and human chromosome 11. Ophthalmic Paediatrics and Genetics, 1989, 10, 229-248.	0.4	7
153	Characterization of chromatin texture by contour complexity for cancer cell classification. , 2008, , .		7
154	Patterns in the genome. Heredity, 2019, 123, 50-57.	1.2	7
155	Porin new light onto chromatin and nuclear organization. Genome Biology, 2008, 9, 222.	13.9	6
156	Changes in chromatin structure during processing of wax-embedded tissue sections. Chromosome Research, 2010, 18, 677-688.	1.0	6
157	Altered states: how gene expression is changed during differentiation. Current Opinion in Genetics and Development, 2010, 20, 467-469.	1.5	6
158	Fine-mapping and cell-specific enrichment at corneal resistance factor loci prioritize candidate causal regulatory variants. Communications Biology, 2020, 3, 762.	2.0	6
159	From bedside to bench: regulation of host factors in SARS-CoV-2 infection. Experimental and Molecular Medicine, 2021, 53, 483-494.	3.2	6
160	Expression of progerin does not result in an increased mutation rate. Chromosome Research, 2017, 25, 227-239.	1.0	5
161	Models of DNA Replication Timing in Interphase Nuclei: An Exercise in Inferring Process from State. Biometrics, 1995, 51, 750.	0.8	4
162	Sealed with a X. Nature Cell Biology, 2006, 8, 207-209.	4.6	4

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163	A condensed view of chromatin during T cell development. EMBO Journal, 2011, 30, 235-236.	3.5	4
164	Flashing a Light on the Spatial Organization of Transcription. Science, 2013, 341, 621-622.	6.0	4
165	Divergent transcriptional activation by glucocorticoids in mouse and human macrophages. Lancet, The, 2015, 385, S54.	6.3	4
166	Editorial overview: Genome architecture and expression. Current Opinion in Genetics and Development, 2019, 55, iii-iv.	1.5	4
167	Unusual chromosome architecture and behaviour at an HSR. Chromosoma, 2000, 109, 181-189.	1.0	3
168	The Metaphase Chromosome as a Reporter of Nuclear Activity. Experimental Cell Research, 1996, 229, 198-200.	1.2	2
169	A TAD Closer to Understanding Dosage Compensation. Developmental Cell, 2015, 33, 498-499.	3.1	2
170	Polycomb-mediated chromatin compaction weathers the STORM. Genome Biology, 2016, 17, 35.	3.8	2
171	MUC4 is not expressed in cell lines used for live cell imaging. Wellcome Open Research, 2021, 6, 265.	0.9	2
172	MUC4 is not expressed in cell lines used for live cell imaging. Wellcome Open Research, 0, 6, 265.	0.9	2
173	Regional Physical Mapping: Genome Analysis, vol. 5. Edited by K. E. Davies, and S. M. Tilghman. Cold Spring Harbor Laboratory Press. 1993. 140 pages. Cloth. $49.00. ISBN 0 87969 413 0.. Genetical Research, 1994, 64, 78-79.	0.3	0
174	Chromosomes: A Synthesis. By Robert P. Wagner, Marjory P. Maguire, and Raymond L. Stallings. Wiley-Liss. 1993. 523 pages. Hard cover. Price $89.95. ISBN 0 471 56124 X.. Genetical Research, 1994, 64, 83-83.	0.3	0
175	Comment on Frank Gannon's article â€˜Searching for discriminationâ€™ in EMBO reports , August 2001. EMBO Reports, 2001, 2, 860-860.	2.0	0
176	The plasticity of cell fate and gene expression â€" ewe perspectives. Current Opinion in Cell Biology, 2002, 14, 739-740.	2.6	0
177	A wake-up call to delve deeper into the cell. Development (Cambridge), 2011, 138, 5275-5276.	1.2	0
178	Higherâ€order chromatin folding and gene regulation. FASEB Journal, 2013, 27, 456.1.	0.2	0
179	The sight of transcription. Nature Cell Biology, 2022, 24, 284-285.	4.6	0
180	TADs do not stay in the loop. Molecular Cell, 2022, 82, 2188-2189.	4.5	0