Edith Heard

List of Publications by Year
in descending order

162 papers	26,197 citations	11651 70 h-index	7348 152 g-index
204 all docs	204 docs citations	204 times ranked	26288 citing authors

#	Article	IF	Citations
1	Spatial partitioning of the regulatory landscape of the X-inactivation centre. Nature, 2012, 485, 381-385.	27.8	2,595
2	Rb-Mediated Heterochromatin Formation and Silencing of E2F Target Genes during Cellular Senescence. Cell, 2003, 113, 703-716.	28.9	1,991
3	HiC-Pro: an optimized and flexible pipeline for Hi-C data processing. Genome Biology, 2015, 16, 259.	8.8	1,632
4	Transgenerational Epigenetic Inheritance: Myths and Mechanisms. Cell, 2014, 157, 95-109.	28.9	1,393
5	Systematic Discovery of Xist RNA Binding Proteins. Cell, 2015, 161, 404-416.	28.9	886
6	Advances in epigenetics link genetics to the environment and disease. Nature, 2019, 571, 489-499.	27.8	863
7	Epigenetic Dynamics of Imprinted X Inactivation During Early Mouse Development. Science, 2004, 303, 644-649.	12.6	736
8	X-chromosome inactivation: counting, choice and initiation. Nature Reviews Genetics, 2001, 2, 59-67.	16.3	616
9	X-CHROMOSOME INACTIVATION IN MAMMALS. Annual Review of Genetics, 1997, 31, 571-610.	7.6	485
10	Methylation of Histone H3 at Lys-9 Is an Early Mark on the X Chromosome during X Inactivation. Cell, 2001, 107, 727-738.	28.9	471
11	Mouse Polycomb Proteins Bind Differentially to Methylated Histone H3 and RNA and Are Enriched in Facultative Heterochromatin. Molecular and Cellular Biology, 2006, 26, 2560-2569.	2.3	462
12	A novel role for Xist RNA in the formation of a repressive nuclear compartment into which genes are recruited when silenced. Genes and Development, 2006, 20, 2223-2237.	5.9	442
13	Dosage compensation in mammals: fine-tuning the expression of the X chromosome. Genes and Development, 2006, 20, 1848-1867.	5.9	439
14	Predictive Polymer Modeling Reveals Coupled Fluctuations in Chromosome Conformation and Transcription. Cell, 2014, 157, 950-963.	28.9	411
15	Eutherian mammals use diverse strategies to initiate X-chromosome inactivation during development. Nature, 2011, 472, 370-374.	27.8	394
16	Structural organization of the inactive X chromosome in the mouse. Nature, 2016, 535, 575-579.	27.8	369
17	Imprinted X-inactivation in extra-embryonic endoderm cell lines from mouse blastocysts. Development (Cambridge), 2005, 132, 1649-1661.	2.5	352
18	Differentially methylated forms of histone H3 show unique association patterns with inactive human X chromosomes. Nature Genetics, 2002, 30, 73-76.	21.4	343

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19	Regulation of X-chromosome inactivation by the X-inactivation centre. Nature Reviews Genetics, 2011, 12, 429-442.	16.3	312
20	Transient colocalization of X-inactivation centres accompanies the initiation of X inactivation. Nature Cell Biology, 2006, 8, 293-299.	10.3	304
21	LINE-1 Activity in Facultative Heterochromatin Formation during X Chromosome Inactivation. Cell, 2010, 141, 956-969.	28.9	296
22	Cohesin-based chromatin interactions enable regulated gene expression within preexisting architectural compartments. Genome Research, 2013, 23, 2066-2077.	5.5	282
23	The inactive X chromosome adopts a unique three-dimensional conformation that is dependent on Xist RNA. Genes and Development, 2011, 25, 1371-1383.	5.9	278
24	Monomethylation of Histone H4-Lysine 20 Is Involved in Chromosome Structure and Stability and Is Essential for Mouse Development. Molecular and Cellular Biology, 2009, 29, 2278-2295.	2.3	271
25	Structural and functional diversity of Topologically Associating Domains. FEBS Letters, 2015, 589, 2877-2884.	2.8	269
26	Recent advances in X-chromosome inactivation. Current Opinion in Cell Biology, 2004, 16, 247-255.	5.4	253
27	The pluripotent genome in three dimensions is shaped around pluripotency factors. Nature, 2013, 501, 227-231.	27.8	236
28	Jarid2 Methylation via the PRC2 Complex Regulates H3K27me3 Deposition during Cell Differentiation. Molecular Cell, 2015, 57, 769-783.	9.7	229
29	Jarid2 Is Implicated in the Initial Xist-Induced Targeting of PRC2 to the Inactive X Chromosome. Molecular Cell, 2014, 53, 301-316.	9.7	221
30	Jarid2 binds mono-ubiquitylated H2A lysine 119 to mediate crosstalk between Polycomb complexes PRC1 and PRC2. Nature Communications, 2016, 7, 13661.	12.8	207
31	The Implication of Early Chromatin Changes in X Chromosome Inactivation. Cell, 2019, 176, 182-197.e23.	28.9	207
32	Noncoding RNAs and Epigenetic Mechanisms During X-Chromosome Inactivation. Annual Review of Cell and Developmental Biology, 2014, 30, 561-580.	9.4	195
33	Differential Histone H3 Lys-9 and Lys-27 Methylation Profiles on the X Chromosome. Molecular and Cellular Biology, 2004, 24, 5475-5484.	2.3	194
34	X inactivation and the complexities of silencing a sex chromosome. Current Opinion in Cell Biology, 2009, 21, 359-366.	5.4	192
35	X-Chromosome Inactivation: A Crossroads Between Chromosome Architecture and Gene Regulation. Annual Review of Genetics, 2018, 52, 535-566.	7.6	192
36	MicroRNA Regulation of Cbx7 Mediates a Switch of Polycomb Orthologs during ESC Differentiation. Cell Stem Cell, 2012, 10, 33-46.	11.1	191

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37	XACT Noncoding RNA Competes with XIST in the Control of X Chromosome Activity during Human Early Development. Cell Stem Cell, 2017, 20, 102-111.	11.1	181
38	Evidence for de novo imprinted X-chromosome inactivation independent of meiotic inactivation in mice. Nature, 2005, 438, 369-373.	27.8	177
39	Delving into the diversity of facultative heterochromatin: the epigenetics of the inactive X chromosome. Current Opinion in Genetics and Development, 2005, 15, 482-489.	3.3	175
40	HiTC: exploration of high-throughput â€˜Câ€™ experiments. Bioinformatics, 2012, 28, 2843-2844.	4.1	165
41	Smchd1-Dependent and -Independent Pathways Determine Developmental Dynamics of CpG Island Methylation on the Inactive X Chromosome. Developmental Cell, 2012, 23, 265-279.	7.0	160
42	Xist RNA in action: Past, present, and future. PLoS Genetics, 2019, 15, e1008333.	3.5	160
43	Segmental folding of chromosomes: A basis for structural and regulatory chromosomal neighborhoods?. BioEssays, 2013, 35, 818-828.	2.5	158
44	Dynamic changes in paternal X-chromosome activity during imprinted X-chromosome inactivation in mice. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5198-5203.	7.1	152
45	Role of Histone Methyltransferase G9a in CpG Methylation of the Prader-Willi Syndrome Imprinting Center. Journal of Biological Chemistry, 2003, 278, 14996-15000.	3.4	149
46	The Two Active X Chromosomes in Female ESCs Block Exit from the Pluripotent State by Modulating the ESC Signaling Network. Cell Stem Cell, 2014, 14, 203-216.	11.1	149
47	SPEN integrates transcriptional and epigenetic control of X-inactivation. Nature, 2020, 578, 455-460.	27.8	146
48	Live-Cell Chromosome Dynamics and Outcome of X Chromosome Pairing Events during ES Cell Differentiation. Cell, 2011, 145, 447-458.	28.9	137
49	Deterministic and Stochastic Allele Specific Gene Expression in Single Mouse Blastomeres. PLoS ONE, 2011, 6, e21208.	2.5	134
50	X-chromosome inactivation: new insights into cis and trans regulation. Current Opinion in Genetics and Development, 2015, 31, 57-66.	3.3	131
51	<i>Xist</i> Yeast Artificial Chromosome Transgenes Function as X-Inactivation Centers Only in Multicopy Arrays and Not as Single Copies. Molecular and Cellular Biology, 1999, 19, 3156-3166.	2.3	130
52	The ins and outs of gene regulation and chromosome territory organisation. Current Opinion in Cell Biology, 2007, 19, 311-316.	5.4	125
53	High-resolution analysis of epigenetic changes associated with X inactivation. Genome Research, 2009, 19, 1361-1373.	5.5	122
54	Xist-dependent imprinted X inactivation and the early developmental consequences of its failure. Nature Structural and Molecular Biology, 2017, 24, 226-233.	8.2	122

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55	Developmental Dynamics and Disease Potential of Random Monoallelic Gene Expression. Developmental Cell, 2014, 28, 366-380.	7.0	118
56	Xâ€chromosome inactivation in development and cancer. FEBS Letters, 2014, 588, 2514-2522.	2.8	118
57	Parental-to-embryo switch of chromosome organization in early embryogenesis. Nature, 2020, 580, 142-146.	27.8	116
58	Novel players in X inactivation: insights into Xist-mediated gene silencing and chromosome conformation. Nature Structural and Molecular Biology, 2017, 24, 197-204.	8.2	114
59	Combined Immunofluorescence, RNA Fluorescent In Situ Hybridization, and DNA Fluorescent In Situ Hybridization to Study Chromatin Changes, Transcriptional Activity, Nuclear Organization, and X-Chromosome Inactivation. Methods in Molecular Biology, 2008, 463, 297-308.	0.9	113
60	Maternal LSD1/KDM1A is an essential regulator of chromatin and transcription landscapes during zygotic genome activation. ELife, 2016, 5, .	6.0	107
61	The inactive X chromosome is epigenetically unstable and transcriptionally labile in breast cancer. Genome Research, 2015, 25, 488-503.	5.5	106
62	Closing the loop: 3C versus DNA FISH. Genome Biology, 2016, 17, 215.	8.8	101
63	Epigenetic Functions of Smchd1 Repress Gene Clusters on the Inactive X Chromosome and on Autosomes. Molecular and Cellular Biology, 2013, 33, 3150-3165.	2.3	99
64	X Inactiveâ€“Specific Transcript RNA Coating and Genetic Instability of the X Chromosome in BRCA1 Breast Tumors. Cancer Research, 2007, 67, 5134-5140.	0.9	95
65	Relationship of XIST expression and responses of ovarian cancer to chemotherapy. Molecular Cancer Therapeutics, 2002, 1, 769-76.	4.1	92
66	ncPRO-seq: a tool for annotation and profiling of ncRNAs in sRNA-seq data. Bioinformatics, 2012, 28, 3147-3149.	4.1	91
67	Evolutionary diversity and developmental regulation of X-chromosome inactivation. Human Genetics, 2011, 130, 307-327.	3.8	87
68	The non-canonical SMC protein SmcHD1 antagonises TAD formation and compartmentalisation on the inactive X chromosome. Nature Communications, 2019, 10, 30.	12.8	87
69	Gene regulation in time and space during X-chromosome inactivation. Nature Reviews Molecular Cell Biology, 2022, 23, 231-249.	37.0	86
70	Naive and primed murine pluripotent stem cells have distinct miRNA expression profiles. Rna, 2012, 18, 253-264.	3.5	84
71	Antisense RNA in imprinting: spreading silence through Air. Trends in Genetics, 2002, 18, 434-437.	6.7	79
72	The role of <i>Xist</i> â€mediated Polycomb recruitment in the initiation of Xâ€chromosome inactivation. EMBO Reports, 2019, 20, e48019.	4.5	79

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73	Landscape of monoallelic DNA accessibility in mouse embryonic stem cells and neural progenitor cells. Nature Genetics, 2017, 49, 377-386.	21.4	76
74	MOF-associated complexes ensure stem cell identity and Xist repression. ELife, 2014, 3, e02024.	6.0	76
75	The Ftx Noncoding Locus Controls X Chromosome Inactivation Independently of Its RNA Products. Molecular Cell, 2018, 70, 462-472.e8.	9.7	75
76	Highly Dynamic and Sex-Specific Expression of microRNAs During Early ES Cell Differentiation. PLoS Genetics, 2009, 5, e1000620.	3.5	73
77	Fifty years of X-inactivation research. Development (Cambridge), 2011, 138, 5049-5055.	2.5	73
78	Role and control of X chromosome dosage in mammalian development. Current Opinion in Genetics and Development, 2013, 23, 109-115.	3.3	72
79	A developmental switch in H4 acetylation upstream of Xist plays a role in X chromosome inactivation. EMBO Journal, 1999, 18, 2897-2907.	7.8	67
80	Ten years of genetics and genomics: what have we achieved and where are we heading?. Nature Reviews Genetics, 2010, 11, 723-733.	16.3	65
81	Xist nucleates local protein gradients to propagate silencing across the X chromosome. Cell, 2021, 184, 6174-6192.e32.	28.9	62
82	Function of the Sex Chromosomes in Mammalian Fertility. Cold Spring Harbor Perspectives in Biology, 2011, 3, a002675-a002675.	5.5	60
83	The bipartite TAD organization of the X-inactivation center ensures opposing developmental regulation of Tsix and Xist. Nature Genetics, 2019, 51, 1024-1034.	21.4	60
84	Lessons from comparative analysis of X-chromosome inactivation in mammals. Chromosome Research, 2009, 17, 659-669.	2.2	59
85	Structural Fluctuations of the Chromatin Fiber within Topologically Associating Domains. Biophysical Journal, 2016, 110, 1234-1245.	0.5	58
86	Recent advances in X-chromosome inactivation research. Current Opinion in Cell Biology, 2012, 24, 825-832.	5.4	53
87	Initiation of epigenetic reprogramming of the X chromosome in somatic nuclei transplanted to a mouse oocyte. EMBO Reports, 2005, 6, 748-754.	4.5	52
88	Contribution of epigenetic landscapes and transcription factors to X-chromosome reactivation in the inner cell mass. Nature Communications, 2017, 8, 1297.	12.8	52
89	A phosphorylated subpopulation of the histone variant macroH2A1 is excluded from the inactive X chromosome and enriched during mitosis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1533-1538.	7.1	51
90	Molecular Mechanisms of Facultative Heterochromatin Formation: An X-Chromosome Perspective. Annual Review of Biochemistry, 2020, 89, 255-282.	11.1	51

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91	Genetic and epigenetic features direct differential efficiency of Xist-mediated silencing at X-chromosomal and autosomal locations. Nature Communications, 2017, 8, 690.	12.8	50
92	A Conserved Noncoding Locus Regulates Random Monoallelic Xist Expression across a Topological Boundary. Molecular Cell, 2020, 77, 352-367.e8.	9.7	48
93	Challenges and guidelines toward 4D nucleome data and model standards. Nature Genetics, 2018, 50, 1352-1358.	21.4	47
94	The role of inverted duplication in the generation of gene amplification in mammalian cells. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1090, 143-155.	2.4	46
95	Unusual chromatin status and organization of the inactive X chromosome in murine trophoblast giant cells. Development (Cambridge), 2013, 140, 861-872.	2.5	45
96	Random monoallelic expression of genes on autosomes: Parallels with X-chromosome inactivation. Seminars in Cell and Developmental Biology, 2016, 56, 100-110.	5.0	44
97	X-Chromosome Inactivation in Mouse Embryonic Stem Cells: Analysis of Histone Modifications and Transcriptional Activity Using Immunofluorescence and FISH. Methods in Enzymology, 2003, 376, 405-419.	1.0	43
98	In-cell identification and measurement of RNA-protein interactions. Nature Communications, 2019, 10, 5317.	12.8	43
99	Nonrigid Registration of 3-D Multichannel Microscopy Images of Cell Nuclei. IEEE Transactions on Image Processing, 2008, 17, 493-499.	9.8	40
100	H4K20me1 and H3K27me3 are concurrently loaded onto the inactive X chromosome but dispensable for inducing gene silencing. EMBO Reports, 2021, 22, e51989.	4.5	40
101	Small RNAs derived from structural non-coding RNAs. Methods, 2013, 63, 76-84.	3.8	39
102	Kinetics of <i>Xist</i>-induced gene silencing can be predicted from combinations of epigenetic and genomic features. Genome Research, 2019, 29, 1087-1099.	5.5	38
103	Efficient and versatile CRISPR engineering of human neurons in culture to model neurological disorders. Wellcome Open Research, 2016, 1, 13.	1.8	38
104	RNAi-Dependent and Independent Control of LINE1 Accumulation and Mobility in Mouse Embryonic Stem Cells. PLoS Genetics, 2013, 9, e1003791.	3.5	37
105	Genomes of <i>Ellobius</i> species provide insight into the evolutionary dynamics of mammalian sex chromosomes. Genome Research, 2016, 26, 1202-1210.	5.5	37
106	A symmetric toggle switch explains the onset of random X inactivation in different mammals. Nature Structural and Molecular Biology, 2019, 26, 350-360.	8.2	36
107	X chromosome inactivation: new players in the initiation of gene silencing. F1000Research, 2017, 6, 344.	1.6	34
108	Physical Mapping and YAC Contig Analysis of the Region Surrounding Xist on the Mouse X Chromosome. Genomics, 1993, 15, 559-569.	2.9	33

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109	Dynamic plasticity of large-scale chromatin structure revealed by self-assembly of engineered chromosome regions. Journal of Cell Biology, 2010, 190, 761-776.	5.2	32
110	Nuclear positioning and pairing of X-chromosome inactivation centers are not primary determinants during initiation of random X-inactivation. Nature Genetics, 2019, 51, 285-295.	21.4	32
111	Mammalian X-Chromosome Inactivation: An Epigenetics Paradigm. Cold Spring Harbor Symposia on Quantitative Biology, 2004, 69, 89-102.	1.1	32
112	Deep-Sequencing Protocols Influence the Results Obtained in Small-RNA Sequencing. PLoS ONE, 2012, 7, e32724.	2.5	31
113	An improved method for the screening of YAC libraries. Nucleic Acids Research, 1989, 17, 5861-5861.	14.5	28
114	Topologically Associating Domains in Chromosome Architecture and Gene Regulatory Landscapes during Development, Disease, and Evolution. Cold Spring Harbor Symposia on Quantitative Biology, 2017, 82, 267-278.	1.1	28
115	Molecular correlates of the murine Xce locus. Genetical Research, 1998, 72, 217-224.	0.9	27
116	Effective normalization for copy number variation in Hi-C data. BMC Bioinformatics, 2018, 19, 313.	2.6	27
117	Priorities for ocean microbiome research. Nature Microbiology, 2022, 7, 937-947.	13.3	27
118	Nuclear Organization and Dosage Compensation. Cold Spring Harbor Perspectives in Biology, 2010, 2, a000604-a000604.	5.5	25
119	Creation of a deletion series of mouse YACs covering a 500 kb region aroundXist. Nucleic Acids Research, 1994, 22, 1830-1837.	14.5	23
120	Cloning and Localization of the MurineXpctGene: Evidence for Complex Rearrangements during the Evolution of the Region around theXistGene. Genomics, 1998, 48, 296-303.	2.9	23
121	XIST loss impairs mammary stem cell differentiation and increases tumorigenicity through Mediator hyperactivation. Cell, 2022, 185, 2164-2183.e25.	28.9	22
122	Localization and expression analysis of a novel conserved brain expressed transcript, Brx /BRX, lying within the Xic/XIC candidate region. Mammalian Genome, 1997, 8, 760-766.	2.2	21
123	Ordered chromatin changes and human X chromosome reactivation by cell fusion-mediated pluripotent reprogramming. Nature Communications, 2016, 7, 12354.	12.8	19
124	The Molecular and Nuclear Dynamics of X-Chromosome Inactivation. Cold Spring Harbor Perspectives in Biology, 2021, , a040196.	5.5	19
125	Insertion of unique sites into YAC arms for rapid physical analysis following YAC transfer into mammalian cells. Nucleic Acids Research, 1995, 23, 4011-4012.	14.5	17
126	Anti-Xistentialism. Nature Genetics, 1999, 21, 343-344.	21.4	16

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127	SPEN is required for Xist upregulation during initiation of X chromosome inactivation. Nature Communications, 2021, 12, 7000.	12.8	16
128	Foreword: Coping with sex chromosome imbalance. Chromosome Research, 2009, 17, 579-583.	2.2	13
129	Noncoding RNAs: biology and applicationsâ€"a Keystone Symposia report. Annals of the New York Academy of Sciences, 2021, 1506, 118-141.	3.8	13
130	girafe â€" an R/Bioconductor package for functional exploration of aligned next-generation sequencing reads. Bioinformatics, 2010, 26, 2902-2903.	4.1	12
131	Inversion of a topological domain leads to restricted changes in its gene expression and affects interdomain communication. Development (Cambridge), 2022, 149, .	2.5	10
132	A large inverted duplicated DNA region associated with an amplified oncogene is stably maintained in a YAC. Human Molecular Genetics, 1993, 2, 133-138.	2.9	9
133	High-Resolution 3D DNA FISH Using Plasmid Probes and Computational Correction of Optical Aberrations to Study Chromatin Structure at the Sub-megabase Scale. Methods in Molecular Biology, 2015, 1262, 37-53.	0.9	9
134	Live-Cell Imaging Combined with Immunofluorescence, RNA, or DNA FISH to Study the Nuclear Dynamics and Expression of the X-Inactivation Center. Methods in Molecular Biology, 2013, 1042, 13-31.	0.9	9
135	Changes in the organization of the genome during the mammalian cell cycle. Genome Biology, 2013, 14, 142.	9.6	8
136	X Chromosome Inactivation: When Dosage Counts. Cell, 2009, 139, 865-867.	28.9	7
137	Locus specific epigenetic modalities of random allelic expression imbalance. Nature Communications, 2021, 12, 5330.	12.8	7
138	Non-rigid Registration of 3D Multi-channel Microscopy Images of Cell Nuclei. Lecture Notes in Computer Science, 2006, 9, 907-914.	1.3	6
139	Chromosome Structural Proteins and RNA-Mediated Epigenetic Silencing. Developmental Cell, 2008, 14, 813-814.	7.0	5
140	LINE-1 Activity in Facultative Heterochromatin Formation during X Chromosome Inactivation. Cell, 2016, 166, 782.	28.9	5
141	Live Imaging of Xist RNA. Methods in Molecular Biology, 2018, 1861, 67-72.	0.9	5
142	Voices in methods development. Nature Methods, 2019, 16, 945-951.	19.0	5
143	Molecular biology for green recoveryâ€"A call for action. PLoS Biology, 2022, 20, e3001623.	5.6	5
144	The use of 5-azacytidine to increase cleavage of methylation sensitive rare cutting restriction enzymes sites in amplified DNA. Nucleic Acids Research, 1990, 18, 6147-6148.	14.5	4

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145	RNA FISH to Study Zygotic Genome Activation in Early Mouse Embryos. Methods in Molecular Biology, 2017, 1605, 133-145.	0.9	4
146	Digging into X chromosome inactivation. Science, 2021, 374, 942-943.	12.6	4
147	Rnf12â€"A Jack of All Trades in X Inactivation?. PLoS Genetics, 2011, 7, e1002002.	3.5	3
148	[25]Selected methods related to the mouse as a model system. Methods in Molecular Genetics, 1996, 8, 439-469.	0.6	2
149	Transcriptome Profiling of Single Mouse Oocytes. Methods in Molecular Biology, 2018, 1818, 51-65.	0.9	2
150	3D solutions to complex gene regulation. Nature Reviews Molecular Cell Biology, 2016, 17, 739-739.	37.0	1
151	Transcriptional Analysis by Nascent RNA FISH of In Vivo Trophoblast Giant Cells or In Vitro Short-term Cultures of Ectoplacental Cone Explants. Journal of Visualized Experiments, 2016, , .	0.3	1
152	Loss of <i>XIST</i> Impairs Human Mammary Stem Cell Differentiation and Increases Tumorigenicity Through Enhancer and Mediator Complex Hyperactivation. SSRN Electronic Journal, 0, , .	0.4	1
153	The X Chromosome from Telomere to Telomere: Key Achievements and Future Opportunities. Faculty Reviews, 2021, 10, 63.	3.9	1
154	Mapping of Chromosome by 3D-Chromosome Painting During Early Mouse Development. Methods in Molecular Biology, 2021, 2214, 175-187.	0.9	1
155	Initiation de lâ€™inactivation du chromosome X durant le dÃ©veloppement embryonnaire prÃ©coce chez la souris et lâ€™humain. Bulletin De L'Academie Nationale De Medecine, 2013, 197, 609-617.	0.0	1
156	05-P007 X chromosome inactivation in murine extraembryonic development at post-implantation stages. Mechanisms of Development, 2009, 126, S114.	1.7	0
157	S05-04. Evolutionary diversity and developmental dynamics of X-chromosome inactivation. Mechanisms of Development, 2009, 126, S7.	1.7	0
158	Epigenetic mechanisms in development and disease. Seminars in Cell and Developmental Biology, 2010, 21, 185-185.	5.0	0
159	Cell nucleus. Current Opinion in Cell Biology, 2013, 25, 279-280.	5.4	0
160	Preface. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160353.	4.0	0
161	From Chromosome Conformation Capture to Polymer Physics and Back. , 2017, , 203-224.		0
162	Bioinformatic Analysis of Single-Cell Hi-C Data from Early Mouse Embryo. Methods in Molecular Biology, 2021, 2214, 295-316.	0.9	0