Rainer Renkawitz

List of Publications by Year
in descending order

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28 papers	3,413 citations	361413 20 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	3151 citing authors

#	Article	IF	Citations
1	CTCF chromatin residence time controls three-dimensional genome organization, gene expression and DNA methylation in pluripotent cells. Nature Cell Biology, 2021, 23, 881-893.	10.3	30
2	Choice of binding sites for CTCFL compared to CTCF is driven by chromatin and by sequence preference. Nucleic Acids Research, 2018, 46, 7097-7107.	14.5	20
3	Chromatin binding of Gcn5 in Drosophila is largely mediated by CP190. Nucleic Acids Research, 2017, 45, 2384-2395.	14.5	20
4	Drosophila CP190- and dCTCF-mediated enhancer blocking is augmented by SUMOylation. Epigenetics and Chromatin, 2017, 10, 32.	3.9	5
5	Insulator speckles associated with long-distance chromatin contacts. Biology Open, 2016, 5, 1266-1274.	1.2	11
6	Insulators and domains of gene expression. Current Opinion in Genetics and Development, 2016, 37, 17-26.	3.3	103
7	The HMG-box-containing proteins tHMG-1 and tHMG-2 interact during the histone-to-protamine transition in Drosophila spermatogenesis. European Journal of Cell Biology, 2015, 94, 46-59.	3.6	18
8	Two new insulator proteins, Pita and ZIPIC, target CP190 to chromatin. Genome Research, 2015, 25, 89-99.	5.5	106
9	A Functional Insulator Screen Identifies NURF and dREAM Components to Be Required for Enhancer-Blocking. PLoS ONE, 2014, 9, e107765.	2.5	39
10	CTCF induces histone variant incorporation, erases the H3K27me3 histone mark and opens chromatin. Nucleic Acids Research, 2014, 42, 11941-11951.	14.5	41
11	Ectopically tethered CP190 induces large-scale chromatin decondensation. Scientific Reports, 2014, 4, 3917.	3.3	21
12	The male germ cell gene regulator CTCFL is functionally different from CTCF and binds CTCF-like consensus sites in a nucleosome composition-dependent manner. Epigenetics and Chromatin, 2012, 5, 8.	3.9	80
13	CTCF: insights into insulator function during development. Development (Cambridge), 2012, 139, 1045-1057.	2.5	143
14	CTCF shapes chromatin by multiple mechanisms: the impact of 20Âyears of CTCF research on understanding the workings of chromatin. Chromosoma, 2010, 119, 351-360.	2.2	85
15	Modular Insulators: Genome Wide Search for Composite CTCF/Thyroid Hormone Receptor Binding Sites. PLoS ONE, 2010, 5, e10119.	2.5	20
16	Active promoters and insulators are marked by the centrosomal protein 190. EMBO Journal, 2009, 28, 877-888.	7.8	145
17	Long range chromatin interactions involved in gene regulation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 2161-2166.	4.1	54
18	CTCF Genomic Binding Sites in Drosophila and the Organisation of the Bithorax Complex. PLoS Genetics, 2007, 3, e112.	3.5	162

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19	Transition from a nucleosome-based to a protamine-based chromatin configuration during spermiogenesis in Drosophila. Journal of Cell Science, 2007, 120, 1689-1700.	2.0	193
20	The Drosophila insulator proteins CTCF and CP190 link enhancer blocking to body patterning. EMBO Journal, 2007, 26, 4203-4214.	7.8	156
21	Targeting of CTCF to the nucleolus inhibits nucleolar transcription through a poly(ADP-ribosyl)ation-dependent mechanism. Journal of Cell Science, 2006, 119, 1746-1759.	2.0	75
22	CTCF binding and higher order chromatin structure of the H19 locus are maintained in mitotic chromatin. EMBO Journal, 2005, 24, 3291-3300.	7.8	123
23	CTCF is conserved from Drosophila to humans and confers enhancer blocking of the Fabâ€8 insulator. EMBO Reports, 2005, 6, 165-170.	4.5	215
24	Mutation of a Single CTCF Target Site within the H19 Imprinting Control Region Leads to Loss of Igf2 Imprinting and Complex Patterns of De Novo Methylation upon Maternal Inheritance. Molecular and Cellular Biology, 2004, 24, 3497-3504.	2.3	142
25	Thyroid hormone-regulated enhancer blocking: cooperation of CTCF and thyroid hormone receptor. EMBO Journal, 2003, 22, 1579-1587.	7.8	78
26	BORIS, a novel male germ-line-specific protein associated with epigenetic reprogramming events, shares the same 11-zinc-finger domain with CTCF, the insulator protein involved in reading imprinting marks in the soma. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6806-6811.	7.1	319
27	CTCF is a uniquely versatile transcription regulator linked to epigenetics and disease. Trends in Genetics, 2001, 17, 520-527.	6.7	533
28	Modular structure of a chicken lysozyme silencer: Involvement of an unusual thyroid hormone receptor binding site. Cell, 1990, 61, 505-514.	28.9	476