

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 is a uniquely versatile transcription regulator linked to epigenetics and disease. Trends in Genetics, 2001, 17, 520-527.	6.7	533
2	Modular structure of a chicken lysozyme silencer: Involvement of an unusual thyroid hormone receptor binding site. Cell, 1990, 61, 505-514.	28.9	476
3	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
4	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
5	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
6	CTCF Genomic Binding Sites in Drosophila and the Organisation of the Bithorax Complex. PLoS Genetics, 2007, 3, e112.	3.5	162
7	The Drosophila insulator proteins CTCF and CP190 link enhancer blocking to body patterning. EMBO Journal, 2007, 26, 4203-4214.	7.8	156
8	Active promoters and insulators are marked by the centrosomal protein 190. EMBO Journal, 2009, 28, 877-888.	7.8	145
9	CTCF: insights into insulator function during development. Development (Cambridge), 2012, 139, 1045-1057.	2.5	143
10	Mutation of a Single CTCF Target Site within the <i>H19</i> Imprinting Control Region Leads to Loss of <i>Igf2</i> Imprinting and Complex Patterns of De Novo Methylation upon Maternal Inheritance. Molecular and Cellular Biology, 2004, 24, 3497-3504.	2.3	142
11	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
12	Two new insulator proteins, Pita and ZIPIC, target CP190 to chromatin. Genome Research, 2015, 25, 89-99.	5.5	106
13	Insulators and domains of gene expression. Current Opinion in Genetics and Development, 2016, 37, 17-26.	3.3	103
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	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
16	Thyroid hormone-regulated enhancer blocking: cooperation of CTCF and thyroid hormone receptor. EMBO Journal, 2003, 22, 1579-1587.	7.8	78
17	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
18	Long range chromatin interactions involved in gene regulation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 2161-2166.	4.1	54

#	ARTICLE	IF	CITATIONS
19	CTCF induces histone variant incorporation, erases the H3K27me3 histone mark and opens chromatin. <i>Nucleic Acids Research</i> , 2014, 42, 11941-11951.	14.5	41
20	A Functional Insulator Screen Identifies NURF and dREAM Components to Be Required for Enhancer-Blocking. <i>PLoS ONE</i> , 2014, 9, e107765.	2.5	39
21	CTCF chromatin residence time controls three-dimensional genome organization, gene expression and DNA methylation in pluripotent cells. <i>Nature Cell Biology</i> , 2021, 23, 881-893.	10.3	30
22	Ectopically tethered CP190 induces large-scale chromatin decondensation. <i>Scientific Reports</i> , 2014, 4, 3917.	3.3	21
23	Chromatin binding of Gcn5 in <i>Drosophila</i> is largely mediated by CP190. <i>Nucleic Acids Research</i> , 2017, 45, 2384-2395.	14.5	20
24	Choice of binding sites for CTCFL compared to CTCF is driven by chromatin and by sequence preference. <i>Nucleic Acids Research</i> , 2018, 46, 7097-7107.	14.5	20
25	Modular Insulators: Genome Wide Search for Composite CTCF/Thyroid Hormone Receptor Binding Sites. <i>PLoS ONE</i> , 2010, 5, e10119.	2.5	20
26	The HMG-box-containing proteins tHMG-1 and tHMG-2 interact during the histone-to-protamine transition in <i>Drosophila</i> spermatogenesis. <i>European Journal of Cell Biology</i> , 2015, 94, 46-59.	3.6	18
27	Insulator speckles associated with long-distance chromatin contacts. <i>Biology Open</i> , 2016, 5, 1266-1274.	1.2	11
28	<i>Drosophila</i> CP190- and dCTCF-mediated enhancer blocking is augmented by SUMOylation. <i>Epigenetics and Chromatin</i> , 2017, 10, 32.	3.9	5