

Olivier Cuvier

List of Publications by Year in descending order

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34
papers

2,067
citations

279487

23
h-index

377514

34
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39
all docs

39
docs citations

39
times ranked

2517
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic ubiquitination activity of PCAF controls the stability of the oncoprotein Hdm2. <i>Nature Cell Biology</i> , 2007, 9, 331-338.	4.6	164
2	Chromosome Condensation by a Human Condensin Complex in <i>Xenopus</i> Egg Extracts. <i>Journal of Biological Chemistry</i> , 2001, 276, 5417-5420.	1.6	162
3	Integrator complex regulates NELF-mediated RNA polymerase II pause/release and processivity at coding genes. <i>Nature Communications</i> , 2014, 5, 5531.	5.8	150
4	Recruitment of <i>Drosophila</i> Polycomb group proteins to chromatin by DSP1. <i>Nature</i> , 2005, 434, 533-538.	13.7	136
5	MCM8 Is an MCM2-7-Related Protein that Functions as a DNA Helicase during Replication Elongation and Not Initiation. <i>Cell</i> , 2005, 120, 315-328.	13.5	129
6	Specific Gain- and Loss-of-Function Phenotypes Induced by Satellite-Specific DNA-Binding Drugs Fed to <i>Drosophila melanogaster</i> . <i>Molecular Cell</i> , 2000, 6, 1013-1024.	4.5	106
7	A role of topoisomerase II in linking DNA replication to chromosome condensation. <i>Journal of Cell Biology</i> , 2003, 160, 645-655.	2.3	102
8	Chromatin Immunoprecipitation Indirect Peaks Highlight Long-Range Interactions of Insulator Proteins and Pol II Pausing. <i>Molecular Cell</i> , 2014, 53, 672-681.	4.5	102
9	Chromatin Insulator Factors Involved in Long-Range DNA Interactions and Their Role in the Folding of the <i>Drosophila</i> Genome. <i>PLoS Genetics</i> , 2014, 10, e1004544.	1.5	101
10	Genome-Wide Mapping of Boundary Element-Associated Factor (BEAF) Binding Sites in <i>Drosophila melanogaster</i> Links BEAF to Transcription. <i>Molecular and Cellular Biology</i> , 2009, 29, 3556-3568.	1.1	95
11	Identification of a Class of Chromatin Boundary Elements. <i>Molecular and Cellular Biology</i> , 1998, 18, 7478-7486.	1.1	86
12	Evidence for an antagonistic relationship between the boundary element-associated factor BEAF and the transcription factor DREF. <i>Chromosoma</i> , 1999, 108, 375-383.	1.0	81
13	BEAF Regulates Cell-Cycle Genes through the Controlled Deposition of H3K9 Methylation Marks into Its Conserved Dual-Core Binding Sites. <i>PLoS Biology</i> , 2008, 6, e327.	2.6	60
14	Dynamic chromatin technologies: from individual molecules to epigenomic regulation in cells. <i>Nature Reviews Genetics</i> , 2017, 18, 457-472.	7.7	60
15	The AT-Hook Protein D1 Is Essential for <i>Drosophila melanogaster</i> Development and Is Implicated in Position-Effect Variegation. <i>Molecular and Cellular Biology</i> , 2002, 22, 1218-1232.	1.1	51
16	Displacement of D1, HP1 and topoisomerase II from satellite heterochromatin by a specific polyamide. <i>EMBO Journal</i> , 2006, 25, 2397-2408.	3.5	51
17	Identification of a multicopy chromatin boundary element at the borders of silenced chromosomal domains. <i>Chromosoma</i> , 2002, 110, 519-531.	1.0	47
18	ORC Is Necessary at the Interphase-to-Mitosis Transition to Recruit cdc2 Kinase and Disassemble RPA Foci. <i>Current Biology</i> , 2006, 16, 516-523.	1.8	44

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19	Roles of chromatin insulator proteins in higher-order chromatin organization and transcription regulation. <i>Nucleus</i> , 2011, 2, 358-369.	0.6	43
20	A topoisomerase II-dependent mechanism for resetting replicons at the Sâ€M-phase transition. <i>Genes and Development</i> , 2008, 22, 860-865.	2.7	37
21	Insulators recruit histone methyltransferase d<scp>M</scp>es4 to regulate chromatin of flanking genes. <i>EMBO Journal</i> , 2014, 33, 1599-1613.	3.5	34
22	A hypophosphorylated form of RPA34 is a specific component of pre-replication centers. <i>Journal of Cell Science</i> , 2004, 117, 4909-4920.	1.2	31
23	Computational Identification of Genomic Features That Influence 3D Chromatin Domain Formation. <i>PLoS Computational Biology</i> , 2016, 12, e1004908.	1.5	31
24	Predicting double-strand DNA breaks using epigenome marks or DNA at kilobase resolution. <i>Genome Biology</i> , 2018, 19, 34.	3.8	26
25	Exploring histone loading on HIV DNA reveals a dynamic nucleosome positioning between unintegrated and integrated viral genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6822-6830.	3.3	26
26	Insulator-based loops mediate the spreading of H3K27me3 over distant micro-domains repressing euchromatin genes. <i>Genome Biology</i> , 2020, 21, 193.	3.8	18
27	Chromatin-associated MRN complex protects highly transcribing genes from genomic instability. <i>Science Advances</i> , 2021, 7, .	4.7	18
28	Predicting the spatial organization of chromosomes using epigenetic data. <i>Genome Biology</i> , 2015, 16, 182.	3.8	16
29	TAD-free analysis of architectural proteins and insulators. <i>Nucleic Acids Research</i> , 2018, 46, e27-e27.	6.5	16
30	Modification of positionâ€effect variegation by competition for binding to <i>Drosophila</i> satellites. <i>EMBO Reports</i> , 2002, 3, 747-752.	2.0	13
31	Dense neural networks for predicting chromatin conformation. <i>BMC Bioinformatics</i> , 2018, 19, 372.	1.2	13
32	Uncovering direct and indirect molecular determinants of chromatin loops using a computational integrative approach. <i>PLoS Computational Biology</i> , 2017, 13, e1005538.	1.5	8
33	Probing long-range interactions by extracting free energies from genome-wide chromosome conformation capture data. <i>BMC Bioinformatics</i> , 2015, 16, 171.	1.2	3
34	Persistence of Long-Range Contacts at Insulators. , 2018, , 171-185.		1