

Frédéric Bantignies

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,795
citations

471509

17
h-index

713466

21
g-index

31
all docs

31
docs citations

31
times ranked

5116
citing authors

#	ARTICLE	IF	CITATIONS
1	A shared ancient enhancer element differentially regulates the bric-a-brac tandem gene duplicates in the developing <i>Drosophila</i> leg. <i>PLoS Genetics</i> , 2022, 18, e1010083.	3.5	5
2	Higher-Order Chromatin Organization Using 3D DNA Fluorescent In Situ Hybridization. <i>Methods in Molecular Biology</i> , 2021, 2157, 221-237.	0.9	4
3	Higher-Order Chromosomal Structures Mediate Genome Function. <i>Journal of Molecular Biology</i> , 2020, 432, 676-681.	4.2	37
4	Regulation of single-cell genome organization into TADs and chromatin nanodomains. <i>Nature Genetics</i> , 2020, 52, 1151-1157.	21.4	127
5	4D Genome Rewiring during Oncogene-Induced and Replicative Senescence. <i>Molecular Cell</i> , 2020, 78, 522-538.e9.	9.7	107
6	Principles of genome folding into topologically associating domains. <i>Science Advances</i> , 2019, 5, eaaw1668.	10.3	415
7	TADs are 3D structural units of higher-order chromosome organization in <i>Drosophila</i> . <i>Science Advances</i> , 2018, 4, eaar8082.	10.3	237
8	Stable Polycomb-dependent transgenerational inheritance of chromatin states in <i>Drosophila</i> . <i>Nature Genetics</i> , 2017, 49, 876-886.	21.4	81
9	Single-cell absolute contact probability detection reveals chromosomes are organized by multiple low-frequency yet specific interactions. <i>Nature Communications</i> , 2017, 8, 1753.	12.8	137
10	In Vivo Models to Address the Function of Polycomb Group Proteins. <i>Methods in Molecular Biology</i> , 2016, 1480, 265-267.	0.9	0
11	Chromosome Conformation Capture on Chip (4C): Data Processing. <i>Methods in Molecular Biology</i> , 2016, 1480, 243-261.	0.9	0
12	Single-molecule super-resolution imaging of chromosomes and in situ haplotype visualization using Oligopaint FISH probes. <i>Nature Communications</i> , 2015, 6, 7147.	12.8	329
13	Topological Organization of <i>Drosophila</i> Hox Genes Using DNA Fluorescent In Situ Hybridization. <i>Methods in Molecular Biology</i> , 2014, 1196, 103-120.	0.9	17
14	Three-Dimensional Folding and Functional Organization Principles of the <i>Drosophila</i> Genome. <i>Cell</i> , 2012, 148, 458-472.	28.9	1,728
15	Polycomb-Dependent Regulatory Contacts between Distant Hox Loci in <i>Drosophila</i> . <i>Cell</i> , 2011, 144, 214-226.	28.9	374
16	Polycomb group proteins: repression in 3D. <i>Trends in Genetics</i> , 2011, 27, 454-464.	6.7	112
17	Genomic interactions: Chromatin loops and gene meeting points in transcriptional regulation. <i>Seminars in Cell and Developmental Biology</i> , 2009, 20, 849-855.	5.0	123
18	Polycomb group-mediated gene silencing mechanisms: stability versus flexibility. <i>Epigenomics</i> , 2009, 1, 301-318.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Polycomb response elements mediate the formation of chromosome higher-order structures in the bithorax complex. <i>Nature Cell Biology</i> , 2007, 9, 1167-1174.	10.3	262
20	RNAi Components Are Required for Nuclear Clustering of Polycomb Group Response Elements. <i>Cell</i> , 2006, 124, 957-971.	28.9	288
21	Cellular memory and dynamic regulation of polycomb group proteins. <i>Current Opinion in Cell Biology</i> , 2006, 18, 275-283.	5.4	122
22	Polycomb group-dependent Cyclin A repression in <i>Drosophila</i> . <i>Genes and Development</i> , 2006, 20, 501-513.	5.9	52
23	Inheritance of Polycomb-dependent chromosomal interactions in <i>Drosophila</i> . <i>Genes and Development</i> , 2003, 17, 2406-2420.	5.9	221