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List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

8,938
citations

566801

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940134

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28
all docs

28
docs citations

28
times ranked

9256
citing authors

#	ARTICLE	IF	CITATIONS
1	The 4D Nucleome Data Portal as a resource for searching and visualizing curated nucleomics data. Nature Communications, 2022, 13, 2365.	5.8	49
2	Scool: a new data storage format for single-cell Hi-C data. Bioinformatics, 2021, 37, 2053-2054.	1.8	3
3	Cooler: scalable storage for Hi-C data and other genomically labeled arrays. Bioinformatics, 2020, 36, 311-316.	1.8	754
4	Ultrastructural Details of Mammalian Chromosome Architecture. Molecular Cell, 2020, 78, 554-565.e7.	4.5	359
5	The genome-wide multi-layered architecture of chromosome pairing in early Drosophila embryos. Nature Communications, 2019, 10, 4486.	5.8	38
6	Two major mechanisms of chromosome organization. Current Opinion in Cell Biology, 2019, 58, 142-152.	2.6	167
7	Chromatin organization by an interplay of loop extrusion and compartmental segregation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6697-E6706.	3.3	510
8	HiGlass: web-based visual exploration and analysis of genome interaction maps. Genome Biology, 2018, 19, 125.	3.8	950
9	Targeted Degradation of CTCF Decouples Local Insulation of Chromosome Domains from Genomic Compartmentalization. Cell, 2017, 169, 930-944.e22.	13.5	1,374
10	Single-nucleus Hi-C reveals unique chromatin reorganization at oocyte-to-zygote transition. Nature, 2017, 544, 110-114.	13.7	604
11	Two independent modes of chromatin organization revealed by cohesin removal. Nature, 2017, 551, 51-56.	13.7	935
12	Emerging Evidence of Chromosome Folding by Loop Extrusion. Cold Spring Harbor Symposia on Quantitative Biology, 2017, 82, 45-55.	2.0	227
13	Formation of Chromosomal Domains by Loop Extrusion. Cell Reports, 2016, 15, 2038-2049.	2.9	1,570
14	<i>FTO</i> Obesity Variant Circuitry and Adipocyte Browning in Humans. New England Journal of Medicine, 2015, 373, 895-907.	13.9	1,105
15	Gene Expression Noise Facilitates Adaptation and Drug Resistance Independently of Mutation. Physical Review Letters, 2011, 107, 218101.	2.9	66
16	Interaction of the N- and C-terminal Autoregulatory Domains of FRL2 Does Not Inhibit FRL2 Activity. Journal of Biological Chemistry, 2008, 283, 33750-33762.	1.6	51