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List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/389604/publications.pdf>

Version: 2024-02-01

16
papers

8,938
citations

567281

15
h-index

940533

16
g-index

28
all docs

28
docs citations

28
times ranked

9256
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of Chromosomal Domains by Loop Extrusion. Cell Reports, 2016, 15, 2038-2049.	6.4	1,570
2	Targeted Degradation of CTCF Decouples Local Insulation of Chromosome Domains from Genomic Compartmentalization. Cell, 2017, 169, 930-944.e22.	28.9	1,374
3	<i>FTO</i> Obesity Variant Circuitry and Adipocyte Browning in Humans. New England Journal of Medicine, 2015, 373, 895-907.	27.0	1,105
4	HiGlass: web-based visual exploration and analysis of genome interaction maps. Genome Biology, 2018, 19, 125.	8.8	950
5	Two independent modes of chromatin organization revealed by cohesin removal. Nature, 2017, 551, 51-56.	27.8	935
6	Cooler: scalable storage for Hi-C data and other genomically labeled arrays. Bioinformatics, 2020, 36, 311-316.	4.1	754
7	Single-nucleus Hi-C reveals unique chromatin reorganization at oocyte-to-zygote transition. Nature, 2017, 544, 110-114.	27.8	604
8	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.	7.1	510
9	Ultrastructural Details of Mammalian Chromosome Architecture. Molecular Cell, 2020, 78, 554-565.e7.	9.7	359
10	Emerging Evidence of Chromosome Folding by Loop Extrusion. Cold Spring Harbor Symposia on Quantitative Biology, 2017, 82, 45-55.	1.1	227
11	Two major mechanisms of chromosome organization. Current Opinion in Cell Biology, 2019, 58, 142-152.	5.4	167
12	Gene Expression Noise Facilitates Adaptation and Drug Resistance Independently of Mutation. Physical Review Letters, 2011, 107, 218101.	7.8	66
13	Interaction of the N- and C-terminal Autoregulatory Domains of FRL2 Does Not Inhibit FRL2 Activity. Journal of Biological Chemistry, 2008, 283, 33750-33762.	3.4	51
14	The 4D Nucleome Data Portal as a resource for searching and visualizing curated nucleomics data. Nature Communications, 2022, 13, 2365.	12.8	49
15	The genome-wide multi-layered architecture of chromosome pairing in early Drosophila embryos. Nature Communications, 2019, 10, 4486.	12.8	38
16	Scool: a new data storage format for single-cell Hi-C data. Bioinformatics, 2021, 37, 2053-2054.	4.1	3