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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

566801

15
h-index

940134

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