

Mayra Furlan-Magaril

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,771
citations

394421

19
h-index

580821

25
g-index

33
all docs

33
docs citations

33
times ranked

5190
citing authors

#	ARTICLE	IF	CITATIONS
1	HiCUP: pipeline for mapping and processing Hi-C data. F1000Research, 2015, 4, 1310.	1.6	485
2	The pluripotent regulatory circuitry connecting promoters to their long-range interacting elements. Genome Research, 2015, 25, 582-597.	5.5	402
3	Polycomb repressive complex PRC1 spatially constrains the mouse embryonic stem cell genome. Nature Genetics, 2015, 47, 1179-1186.	21.4	330
4	Global Reorganization of the Nuclear Landscape in Senescent Cells. Cell Reports, 2015, 10, 471-483.	6.4	282
5	Lineage-specific dynamic and pre-established enhancer-promoter contacts cooperate in terminal differentiation. Nature Genetics, 2017, 49, 1522-1528.	21.4	255
6	RNA Interactions Are Essential for CTCF-Mediated Genome Organization. Molecular Cell, 2019, 76, 412-422.e5.	9.7	183
7	Global reorganisation of cis-regulatory units upon lineage commitment of human embryonic stem cells. ELife, 2017, 6, .	6.0	130
8	Long-Range Enhancer Interactions Are Prevalent in Mouse Embryonic Stem Cells and Are Reorganized upon Pluripotent State Transition. Cell Reports, 2018, 22, 2615-2627.	6.4	99
9	Genome-wide CTCF distribution in vertebrates defines equivalent sites that aid the identification of disease-associated genes. Nature Structural and Molecular Biology, 2011, 18, 708-714.	8.2	95
10	Sequential Chromatin Immunoprecipitation Protocol: ChIP-reChIP. Methods in Molecular Biology, 2009, 543, 253-266.	0.9	86
11	Promoter Capture Hi-C: High-resolution, Genome-wide Profiling of Promoter Interactions. Journal of Visualized Experiments, 2018, , .	0.3	66
12	Heterochromatin as an Important Driver of Genome Organization. Frontiers in Cell and Developmental Biology, 2020, 8, 579137.	3.7	48
13	Neural stem cells in development and regenerative medicine. Archives of Medical Research, 2003, 34, 572-588.	3.3	43
14	Protection against telomeric position effects by the chicken cHS4 beta-globin insulator. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14044-14049.	7.1	34
15	Gain of DNA methylation is enhanced in the absence of CTCF at the human retinoblastoma gene promoter. BMC Cancer, 2011, 11, 232.	2.6	32
16	In situ dissection of domain boundaries affect genome topology and gene transcription in Drosophila. Nature Communications, 2020, 11, 894.	12.8	31
17	RNA proximity sequencing reveals the spatial organization of the transcriptome in the nucleus. Nature Biotechnology, 2019, 37, 793-802.	17.5	30
18	An insulator embedded in the chicken β -globin locus regulates chromatin domain configuration and differential gene expression. Nucleic Acids Research, 2011, 39, 89-103.	14.5	29

#	ARTICLE	IF	CITATIONS
19	3D genome architecture from populations to single cells. <i>Current Opinion in Genetics and Development</i> , 2015, 31, 36-41.	3.3	27
20	The global and promoter-centric 3D genome organization temporally resolved during a circadian cycle. <i>Genome Biology</i> , 2021, 22, 162.	8.8	21
21	Sox9 Represses β -Sarcoglycan Gene Expression in Early Myogenic Differentiation. <i>Journal of Molecular Biology</i> , 2009, 394, 1-14.	4.2	18
22	The Krüppel-like factor 4 controls biosynthesis of thyrotropin-releasing hormone during hypothalamus development. <i>Molecular and Cellular Endocrinology</i> , 2011, 333, 127-133.	3.2	17
23	Globin genes transcriptional switching, chromatin structure and linked lessons to epigenetics in cancer: A comparative overview. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 147, 750-760.	1.8	8
24	Individual and Sequential Chromatin Immunoprecipitation Protocols. <i>Methods in Molecular Biology</i> , 2015, 1334, 205-218.	0.9	3
25	Shaping Up the Embryo: The Role of Genome 3D Organization. <i>Methods in Molecular Biology</i> , 2018, 1752, 157-175.	0.9	0
26	In-Nucleus Hi-C in Drosophila Cells. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0