FranÃ§ois Le Dily

List of Publications by Year
in descending order

35 papers	2,206 citations	331670 21 h-index	361022 35 g-index
43 all docs	43 docs citations	43 times ranked	3814 citing authors

#	Article	IF	Citations
1	Transcription factors orchestrate dynamic interplay between genome topology and gene regulation during cell reprogramming. Nature Genetics, 2018, 50, 238-249.	21.4	295
2	Distinct structural transitions of chromatin topological domains correlate with coordinated hormone-induced gene regulation. Genes and Development, 2014, 28, 2151-2162.	5.9	270
3	ADP-riboseâ€“derived nuclear ATP synthesis by NUDIX5 is required for chromatin remodeling. Science, 2016, 352, 1221-1225.	12.6	141
4	Nucleosome-Driven Transcription Factor Binding and Gene Regulation. Molecular Cell, 2013, 49, 67-79.	9.7	129
5	Distinct roles of cohesin-SA1 and cohesin-SA2 in 3D chromosome organization. Nature Structural and Molecular Biology, 2018, 25, 496-504.	8.2	128
6	Promoter bivalency favors an open chromatin architecture in embryonic stem cells. Nature Genetics, 2018, 50, 1452-1462.	21.4	113
7	Three-Dimensional Genomic Structure and Cohesin Occupancy Correlate with Transcriptional Activity during Spermatogenesis. Cell Reports, 2019, 28, 352-367.e9.	6.4	112
8	CDK2-dependent activation of PARP-1 is required for hormonal gene regulation in breast cancer cells. Genes and Development, 2012, 26, 1972-1983.	5.9	107
9	CTCF is dispensable for immune cell transdifferentiation but facilitates an acute inflammatory response. Nature Genetics, 2020, 52, 655-661.	21.4	98
10	Differential Estrogen-Regulation of CXCL12 Chemokine Receptors, CXCR4 and CXCR7, Contributes to the Growth Effect of Estrogens in Breast Cancer Cells. PLoS ONE, 2011, 6, e20898.	2.5	91
11	Unliganded progesterone receptor-mediated targeting of an RNA-containing repressive complex silences a subset of hormone-inducible genes. Genes and Development, 2013, 27, 1179-1197.	5.9	76
12	Lamin B1 mapping reveals the existence of dynamic and functional euchromatin lamin B1 domains. Nature Communications, 2018, 9, 3420.	12.8	66
13	OneD: increasing reproducibility of Hi-C samples with abnormal karyotypes. Nucleic Acids Research, 2018, 46, e49-e49.	14.5	50
14	Arginine Citrullination at the C-Terminal Domain Controls RNA Polymerase II Transcription. Molecular Cell, 2019, 73, 84-96.e7.	9.7	50
15	Signaling by Steroid Hormones in the 3D Nuclear Space. International Journal of Molecular Sciences, 2018, 19, 306.	4.1	49
16	Hormone-control regions mediate steroid receptorâ€“dependent genome organization. Genome Research, 2019, 29, 29-39.	5.5	49
17	Two Chromatin Remodeling Activities Cooperate during Activation of Hormone Responsive Promoters. PLoS Genetics, 2009, 5, e1000567.	3.5	47
18	Rapid reversible changes in compartments and local chromatin organization revealed by hyperosmotic shock. Genome Research, 2019, 29, 18-28.	5.5	40

#	Article	IF	Citations
19	ATP, Mg2+, Nuclear Phase Separation, and Genome Accessibility. Trends in Biochemical Sciences, 2019, 44, 565-574.	7.5	37
20	The impact of chromosomal fusions on 3D genome folding and recombination in the germ line. Nature Communications, 2021, 12, 2981.	12.8	34
21	COUP-TFI modulates estrogen signaling and influences proliferation, survival and migration of breast cancer cells. Breast Cancer Research and Treatment, 2008, 110, 69-83.	2.5	30
22	On the demultiplexing of chromosome capture conformation data. FEBS Letters, 2015, 589, 3005-3013.	2.8	23
23	Nuclear Factor 1 Synergizes with Progesterone Receptor on the Mouse Mammary Tumor Virus Promoter Wrapped around a Histone H3/H4 Tetramer by Facilitating Access to the Central Hormone-responsive Elements. Journal of Biological Chemistry, 2010, 285, 2622-2631.	3.4	22
24	TADs as modular and dynamic units for gene regulation by hormones. FEBS Letters, 2015, 589, 2885-2892.	2.8	20
25	Unliganded Progesterone Receptor Governs Estrogen Receptor Gene Expression by Regulating DNA Methylation in Breast Cancer Cells. Cancers, 2018, 10, 371.	3.7	15
26	C/EBPÎ± mediates the growth inhibitory effect of progestins on breast cancer cells. EMBO Journal, 2019, 38, e101426.	7.8	15
27	Involvement of COUP-TFs in Cancer Progression. Cancers, 2011, 3, 700-715.	3.7	14
28	OUP accepted manuscript. Nucleic Acids Research, 2021, 49, 11005-11021.	14.5	14
29	A set of accessible enhancers enables the initial response of breast cancer cells to physiological progestin concentrations. Nucleic Acids Research, 2021, 49, 12716-12731.	14.5	13
30	Loss of E-cadherin-mediated cell contacts reduces estrogen receptor alpha (ERÎ±) transcriptional efficiency by affecting the respective contribution exerted by AF1 and AF2 transactivation functions. Biochemical and Biophysical Research Communications, 2008, 365, 304-309.	2.1	10
31	Chromatin topology defines estradiol-primed progesterone receptor and PAX2 binding in endometrial cancer cells. ELife, 2022, 11, .	6.0	10
32	Coordinated changes in gene expression, H1 variant distribution and genome 3D conformation in response to H1 depletion. Nucleic Acids Research, 2022, 50, 3892-3910.	14.5	10
33	90 YEARS OF PROGESTERONE: Molecular mechanisms of progesterone receptor action on the breast cancer genome. Journal of Molecular Endocrinology, 2020, 65, T65-T79.	2.5	9
34	Parallel sequencing lives, or what makes large sequencing projects successful. GigaScience, 2017, 6, 1-6.	6.4	4
35	In vivo temporal resolution of acute promyelocytic leukemia progression reveals a role of Klf4 in suppressing early leukemic transformation. Genes and Development, 2022, 36, 451-467.	5.9	1