Gary LeRoy

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2763285/publications.pdf

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23 papers	2,913 citations	394421 19 h-index	642732 23 g-index
26 all docs	26 docs citations	26 times ranked	4570 citing authors

#	Article	IF	Citations
1	FACT, a Factor that Facilitates Transcript Elongation through Nucleosomes. Cell, 1998, 92, 105-116.	28.9	587
2	RNA-Mediated Feedback Control of Transcriptional Condensates. Cell, 2021, 184, 207-225.e24.	28.9	324
3	The Double Bromodomain Proteins Brd2 and Brd3 Couple Histone Acetylation to Transcription. Molecular Cell, 2008, 30, 51-60.	9.7	321
4	BRD4 assists elongation of both coding and enhancer RNAs by interacting with acetylated histones. Nature Structural and Molecular Biology, 2014, 21, 1047-1057.	8.2	247
5	Capturing the Onset of PRC2-Mediated Repressive Domain Formation. Molecular Cell, 2018, 70, 1149-1162.e5.	9.7	222
6	Multiple modes of PRC2 inhibition elicit global chromatin alterations in H3K27M pediatric glioma. Science Advances, 2018, 4, eaau5935.	10.3	126
7	MeCP2 links heterochromatin condensates and neurodevelopmental disease. Nature, 2020, 586, 440-444.	27.8	112
8	Nucleolin Is Required for RNA Polymerase I Transcription In Vivo. Molecular and Cellular Biology, 2007, 27, 937-948.	2.3	109
9	Chromatin proteins captured by ChIPâ€"mass spectrometry are linked to dosage compensation in Drosophila. Nature Structural and Molecular Biology, 2013, 20, 202-209.	8.2	100
10	Allosteric Activation Dictates PRC2 Activity Independent of Its Recruitment to Chromatin. Molecular Cell, 2018, 70, 422-434.e6.	9.7	100
11	Low-Grade Astrocytoma Mutations in IDH1, P53, and ATRX Cooperate to Block Differentiation of Human Neural Stem Cells via Repression of SOX2. Cell Reports, 2017, 21, 1267-1280.	6.4	95
12	Distinct Stimulatory Mechanisms Regulate the Catalytic Activity of Polycomb Repressive Complex 2. Molecular Cell, 2018, 70, 435-448.e5.	9.7	90
13	Heterochromatin Protein 1 Is Extensively Decorated with Histone Code-like Post-translational Modifications. Molecular and Cellular Proteomics, 2009, 8, 2432-2442.	3.8	88
14	Proteogenomic characterization and mapping of nucleosomes decoded by Brd and HP1 proteins. Genome Biology, 2012, 13, R68.	9.6	81
15	Automethylation of PRC2 promotes H3K27 methylation and is impaired in H3K27M pediatric glioma. Genes and Development, 2019, 33, 1428-1440.	5.9	75
16	LEDGF and HDGF2 relieve the nucleosome-induced barrier to transcription in differentiated cells. Science Advances, 2019, 5, eaay3068.	10.3	61
17	Identification of RecQL1 as a Holliday junction processing enzyme in human cell lines. Nucleic Acids Research, 2005, 33, 6251-6257.	14.5	52
18	Identification of Nidogen 1 as a lung metastasis protein through secretome analysis. Genes and Development, 2017, 31, 1439-1455.	5.9	41

#	Article	IF	Citations
19	CRISPR and biochemical screens identify MAZ as a cofactor in CTCF-mediated insulation at Hox clusters. Nature Genetics, 2022, 54, 202-212.	21.4	37
20	The H3K36me2 writer-reader dependency in H3K27M-DIPG. Science Advances, 2021, 7, .	10.3	20
21	Proteogenomics analysis reveals specific genomic orientations of distal regulatory regions composed by non-canonical histone variants. Epigenetics and Chromatin, 2015, 8, 13.	3.9	10
22	An Esrrb and Nanog Cell Fate Regulatory Module Controlled by Feed Forward Loop Interactions. Frontiers in Cell and Developmental Biology, 2021, 9, 630067.	3.7	8
23	Chromatin Starts to Come Clean. Molecular Cell, 2016, 64, 439-441.	9.7	2