

# Gary LeRoy

## List of Publications by Year in descending order

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

Version: 2024-02-01

23  
papers

2,913  
citations

393982

19  
h-index

642321

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. <i>Cell</i> , 1998, 92, 105-116.	13.5	587
2	RNA-Mediated Feedback Control of Transcriptional Condensates. <i>Cell</i> , 2021, 184, 207-225.e24.	13.5	324
3	The Double Bromodomain Proteins Brd2 and Brd3 Couple Histone Acetylation to Transcription. <i>Molecular Cell</i> , 2008, 30, 51-60.	4.5	321
4	BRD4 assists elongation of both coding and enhancer RNAs by interacting with acetylated histones. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 1047-1057.	3.6	247
5	Capturing the Onset of PRC2-Mediated Repressive Domain Formation. <i>Molecular Cell</i> , 2018, 70, 1149-1162.e5.	4.5	222
6	Multiple modes of PRC2 inhibition elicit global chromatin alterations in H3K27M pediatric glioma. <i>Science Advances</i> , 2018, 4, eaau5935.	4.7	126
7	MeCP2 links heterochromatin condensates and neurodevelopmental disease. <i>Nature</i> , 2020, 586, 440-444.	13.7	112
8	Nucleolin Is Required for RNA Polymerase I Transcription In Vivo. <i>Molecular and Cellular Biology</i> , 2007, 27, 937-948.	1.1	109
9	Chromatin proteins captured by ChIP-mass spectrometry are linked to dosage compensation in <i>Drosophila</i> . <i>Nature Structural and Molecular Biology</i> , 2013, 20, 202-209.	3.6	100
10	Allosteric Activation Dictates PRC2 Activity Independent of Its Recruitment to Chromatin. <i>Molecular Cell</i> , 2018, 70, 422-434.e6.	4.5	100
11	Low-Grade Astrocytoma Mutations in IDH1, P53, and ATRX Cooperate to Block Differentiation of Human Neural Stem Cells via Repression of SOX2. <i>Cell Reports</i> , 2017, 21, 1267-1280.	2.9	95
12	Distinct Stimulatory Mechanisms Regulate the Catalytic Activity of Polycomb Repressive Complex 2. <i>Molecular Cell</i> , 2018, 70, 435-448.e5.	4.5	90
13	Heterochromatin Protein 1 Is Extensively Decorated with Histone Code-like Post-translational Modifications. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2432-2442.	2.5	88
14	Proteogenomic characterization and mapping of nucleosomes decoded by Brd and HP1 proteins. <i>Genome Biology</i> , 2012, 13, R68.	13.9	81
15	Automethylation of PRC2 promotes H3K27 methylation and is impaired in H3K27M pediatric glioma. <i>Genes and Development</i> , 2019, 33, 1428-1440.	2.7	75
16	LEDGF and HDGF2 relieve the nucleosome-induced barrier to transcription in differentiated cells. <i>Science Advances</i> , 2019, 5, eaay3068.	4.7	61
17	Identification of RecQL1 as a Holliday junction processing enzyme in human cell lines. <i>Nucleic Acids Research</i> , 2005, 33, 6251-6257.	6.5	52
18	Identification of Nidogen 1 as a lung metastasis protein through secretome analysis. <i>Genes and Development</i> , 2017, 31, 1439-1455.	2.7	41

#	ARTICLE	IF	CITATIONS
19	CRISPR and biochemical screens identify MAZ as a cofactor in CTCF-mediated insulation at Hox clusters. <i>Nature Genetics</i> , 2022, 54, 202-212.	9.4	37
20	The H3K36me2 writer-reader dependency in H3K27M-DIPG. <i>Science Advances</i> , 2021, 7, .	4.7	20
21	Proteogenomics analysis reveals specific genomic orientations of distal regulatory regions composed by non-canonical histone variants. <i>Epigenetics and Chromatin</i> , 2015, 8, 13.	1.8	10
22	An Esrrb and Nanog Cell Fate Regulatory Module Controlled by Feed Forward Loop Interactions. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 630067.	1.8	8
23	Chromatin Starts to Come Clean. <i>Molecular Cell</i> , 2016, 64, 439-441.	4.5	2