

Capucine Van Rechem

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

2,265
citations

361413

20
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

4154
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone Lysine Methylation Dynamics: Establishment, Regulation, and Biological Impact. <i>Molecular Cell</i> , 2012, 48, 491-507.	9.7	975
2	KDM4A Lysine Demethylase Induces Site-Specific Copy Gain and Rereplication of Regions Amplified in Tumors. <i>Cell</i> , 2013, 154, 541-555.	28.9	189
3	Conserved Antagonism between JMJD2A/KDM4A and HP1 ³ during Cell Cycle Progression. <i>Molecular Cell</i> , 2010, 40, 736-748.	9.7	129
4	METTL13 Methylation of eEF1A Increases Translational Output to Promote Tumorigenesis. <i>Cell</i> , 2019, 176, 491-504.e21.	28.9	117
5	The Transcription Factor Encyclopedia. <i>Genome Biology</i> , 2012, 13, R24.	9.6	103
6	Differential Regulation of HIC1 Target Genes by CtBP and NuRD, via an Acetylation/SUMOylation Switch, in Quiescent versus Proliferating Cells. <i>Molecular and Cellular Biology</i> , 2010, 30, 4045-4059.	2.3	80
7	Hypoxia drives transient site-specific copy gain and drug-resistant gene expression. <i>Genes and Development</i> , 2015, 29, 1018-1031.	5.9	72
8	Scavenger Chemokine (CXC Motif) Receptor 7 (CXCR7) Is a Direct Target Gene of HIC1 (Hypermethylated) Tj ETQq0 0 0 rgBT /Overlock	3.4	68
9	The SKP1-Cul1-F-box and Leucine-rich Repeat Protein 4 (SCF-FbxL4) Ubiquitin Ligase Regulates Lysine Demethylase 4A (KDM4A)/Jumonji Domain-containing 2A (JMJD2A) Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 30462-30470.	3.4	54
10	Lysine Demethylase KDM4A Associates with Translation Machinery and Regulates Protein Synthesis. <i>Cancer Discovery</i> , 2015, 5, 255-263.	9.4	51
11	The Histone Deacetylase SIRT6 Restrains Transcription Elongation via Promoter-Proximal Pausing. <i>Molecular Cell</i> , 2019, 75, 683-699.e7.	9.7	50
12	HIC1 interacts with a specific subunit of SWI/SNF complexes, ARID1A/BAF250A. <i>Biochemical and Biophysical Research Communications</i> , 2009, 385, 586-590.	2.1	47
13	Hypermethylated in Cancer 1 (HIC1) Recruits Polycomb Repressive Complex 2 (PRC2) to a Subset of Its Target Genes through Interaction with Human Polycomb-like (hPCL) Proteins. <i>Journal of Biological Chemistry</i> , 2012, 287, 10509-10524.	3.4	43
14	DNA replication fork speed underlies cell fate changes and promotes reprogramming. <i>Nature Genetics</i> , 2022, 54, 318-327.	21.4	38
15	Cross-talk between Lysine-Modifying Enzymes Controls Site-Specific DNA Amplifications. <i>Cell</i> , 2018, 174, 803-817.e16.	28.9	34
16	Histone Lysine Methylation Dynamics Control EGFR DNA Copy-Number Amplification. <i>Cancer Discovery</i> , 2020, 10, 306-325.	9.4	31
17	Loss of Hypermethylated in Cancer 1 (HIC1) in Breast Cancer Cells Contributes to Stress-induced Migration and Invasion through β -2 Adrenergic Receptor (ADRB2) Misregulation. <i>Journal of Biological Chemistry</i> , 2012, 287, 5379-5389.	3.4	30
18	The Receptor Tyrosine Kinase EphA2 Is a Direct Target Gene of Hypermethylated in Cancer 1 (HIC1). <i>Journal of Biological Chemistry</i> , 2012, 287, 5366-5378.	3.4	29

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19	Examining the impact of gene variants on histone lysine methylation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 1463-1476.	1.9	29
20	A Coding Single-Nucleotide Polymorphism in Lysine Demethylase <i>KDM4A</i> Associates with Increased Sensitivity to mTOR Inhibitors. <i>Cancer Discovery</i> , 2015, 5, 245-254.	9.4	25
21	E2F/DP Prevents Cell-Cycle Progression in Endocycling Fat Body Cells by Suppressing dATM Expression. <i>Developmental Cell</i> , 2017, 43, 689-703.e5.	7.0	21
22	Collective regulation of chromatin modifications predicts replication timing during cell cycle. <i>Cell Reports</i> , 2021, 37, 109799.	6.4	20
23	Identification of p21 (CIP1/WAF1) as a direct target gene of HIC1 (Hypermethylated In Cancer 1). <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 49-53.	2.1	16
24	The lysine demethylase KDM4A controls the cell-cycle expression of replicative canonical histone genes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194624.	1.9	7
25	A cell-sorting-based protocol for cell cycle small-scale ChIP sequencing. <i>STAR Protocols</i> , 2022, 3, 101243.	1.2	4
26	The Interaction of SWI/SNF with the Ribosome Regulates Translation and Confers Sensitivity to Translation Pathway Inhibitors in Cancers with Complex Perturbations. <i>Cancer Research</i> , 2022, 82, 2829-2837.	0.9	2
27	Integrated multi-omics analysis of RB-loss identifies widespread cellular programming and synthetic weaknesses. <i>Communications Biology</i> , 2021, 4, 977.	4.4	1
28	Protocol to isolate cells in four stages of S phase for high-resolution replication-timing sequencing. <i>STAR Protocols</i> , 2022, 3, 101209.	1.2	0