Capucine Van Rechem

List of Publications by Year
in descending order

28	2,265	361413 20	526287 27
papers	citations	h-index	g-index

31	31	31	4154
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protocol to isolate cells in four stages of S phase for high-resolution replication-timing sequencing. STAR Protocols, 2022, 3, 101209.	1.2	0
2	DNA replication fork speed underlies cell fate changes and promotes reprogramming. Nature Genetics, 2022, 54, 318-327.	21.4	38
3	A cell-sorting-based protocol for cell cycle small-scale ChIP sequencing. STAR Protocols, 2022, 3, 101243.	1.2	4
4	The Interaction of SWI/SNF with the Ribosome Regulates Translation and Confers Sensitivity to Translation Pathway Inhibitors in Cancers with Complex Perturbations. Cancer Research, 2022, 82, 2829-2837.	0.9	2
5	Integrated multi-omics analysis of RB-loss identifies widespread cellular programming and synthetic weaknesses. Communications Biology, 2021, 4, 977.	4.4	1
6	Collective regulation of chromatin modifications predicts replication timing during cell cycle. Cell Reports, 2021, 37, 109799.	6.4	20
7	Histone Lysine Methylation Dynamics ControlEGFRDNA Copy-Number Amplification. Cancer Discovery, 2020, 10, 306-325.	9.4	31
8	The lysine demethylase KDM4A controls the cell-cycle expression of replicative canonical histone genes. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194624.	1.9	7
9	The Histone Deacetylase SIRT6 Restrains Transcription Elongation via Promoter-Proximal Pausing. Molecular Cell, 2019, 75, 683-699.e7.	9.7	50
10	METTL13 Methylation of eEF1A Increases Translational Output to Promote Tumorigenesis. Cell, 2019, 176, 491-504.e21.	28.9	117
11	Cross-talk between Lysine-Modifying Enzymes Controls Site-Specific DNA Amplifications. Cell, 2018, 174, 803-817.e16.	28.9	34
12	E2F/DP Prevents Cell-Cycle Progression in Endocycling Fat Body Cells by Suppressing dATM Expression. Developmental Cell, 2017, 43, 689-703.e5.	7.0	21
13	A Coding Single-Nucleotide Polymorphism in Lysine Demethylase KDM4A Associates with Increased Sensitivity to mTOR Inhibitors. Cancer Discovery, 2015, 5, 245-254.	9.4	25
14	Lysine Demethylase KDM4A Associates with Translation Machinery and Regulates Protein Synthesis. Cancer Discovery, 2015, 5, 255-263.	9.4	51
15	Hypoxia drives transient site-specific copy gain and drug-resistant gene expression. Genes and Development, 2015, 29, 1018-1031.	5.9	72
16	Examining the impact of gene variants on histone lysine methylation. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 1463-1476.	1.9	29
17	KDM4A Lysine Demethylase Induces Site-Specific Copy Gain and Rereplication of Regions Amplified in Tumors. Cell, 2013, 154, 541-555.	28.9	189
18	Identification of p21 (CIP1/WAF1) as a direct target gene of HIC1 (Hypermethylated In Cancer 1). Biochemical and Biophysical Research Communications, 2013, 430, 49-53.	2.1	16

#	Article	IF	Citations
19	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. Journal of Biological Chemistry, 2012, 287, 10509-10524.	3.4	43
20	The Receptor Tyrosine Kinase EphA2 Is a Direct Target Gene of Hypermethylated in Cancer 1 (HIC1). Journal of Biological Chemistry, 2012, 287, 5366-5378.	3.4	29
21	Loss of Hypermethylated in Cancer 1 (HIC1) in Breast Cancer Cells Contributes to Stress-induced Migration and Invasion through Î²-2 Adrenergic Receptor (ADRB2) Misregulation. Journal of Biological Chemistry, 2012, 287, 5379-5389.	3.4	30
22	Histone Lysine Methylation Dynamics: Establishment, Regulation, and Biological Impact. Molecular Cell, 2012, 48, 491-507.	9.7	975
23	The Transcription Factor Encyclopedia. Genome Biology, 2012, 13, R24.	9.6	103
24	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. Journal of Biological Chemistry, 2011, 286, 30462-30470.	3.4	54
25	Differential Regulation of HIC1 Target Genes by CtBP and NuRD, via an Acetylation/SUMOylation Switch, in Quiescent versus Proliferating Cells. Molecular and Cellular Biology, 2010, 30, 4045-4059.	2.3	80
26	Conserved Antagonism between JMJD2A/KDM4A and HP1Î³ during Cell Cycle Progression. Molecular Cell, 2010, 40, 736-748.	9.7	129
27	Scavenger Chemokine (CXC Motif) Receptor 7 (CXCR7) Is a Direct Target Gene of HIC1 (Hypermethylated) Tj ETQq1 1 0.784314 rgBT /O	8.4	68
28	HIC1 interacts with a specific subunit of SWI/SNF complexes, ARID1A/BAF250A. Biochemical and Biophysical Research Communications, 2009, 385, 586-590.	2.1	47