

Sylvain Daujat

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

3,202
citations

361413

20
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

4456
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone Deimination Antagonizes Arginine Methylation. <i>Cell</i> , 2004, 118, 545-553.	28.9	744
2	Lateral Thinking: How Histone Modifications Regulate Gene Expression. <i>Trends in Genetics</i> , 2016, 32, 42-56.	6.7	661
3	Methylation at arginine 17 of histone H3 is linked to gene activation. <i>EMBO Reports</i> , 2002, 3, 39-44.	4.5	285
4	Crosstalk between CARM1 Methylation and CBP Acetylation on Histone H3. <i>Current Biology</i> , 2002, 12, 2090-2097.	3.9	262
5	HP1 Binds Specifically to Lys26-methylated Histone H1.4, whereas Simultaneous Ser27 Phosphorylation Blocks HP1 Binding*. <i>Journal of Biological Chemistry</i> , 2005, 280, 38090-38095.	3.4	200
6	Histone propionylation is a mark of active chromatin. <i>Nature Structural and Molecular Biology</i> , 2017, 24, 1048-1056.	8.2	148
7	H3K64 trimethylation marks heterochromatin and is dynamically remodeled during developmental reprogramming. <i>Nature Structural and Molecular Biology</i> , 2009, 16, 777-781.	8.2	125
8	The multidomain protein Brpf1 binds histones and is required for Hox gene expression and segmental identity. <i>Development (Cambridge)</i> , 2008, 135, 1935-1946.	2.5	118
9	Acetylation of histone H3 at lysine 64 regulates nucleosome dynamics and facilitates transcription. <i>ELife</i> , 2014, 3, e01632.	6.0	99
10	Differential Regulation of Estrogen Receptor $\hat{\pm}$ Turnover and Transactivation by Mdm2 and Stress-Inducing Agents. <i>Cancer Research</i> , 2007, 67, 5513-5521.	0.9	92
11	Histone H1 variant-specific lysine methylation by G9a/KMT1C and Glp1/KMT1D. <i>Epigenetics and Chromatin</i> , 2010, 3, 7.	3.9	88
12	Histone H2A C-Terminus Regulates Chromatin Dynamics, Remodeling, and Histone H1 Binding. <i>PLoS Genetics</i> , 2010, 6, e1001234.	3.5	73
13	Isoform-specific phosphorylation of human linker histone H1.4 in mitosis by the kinase Aurora B. <i>Journal of Cell Science</i> , 2011, 124, 1623-1628.	2.0	62
14	Novel types and sites of histone modifications emerge as players in the transcriptional regulation contest. <i>FEBS Journal</i> , 2015, 282, 1658-1674.	4.7	62
15	Succinylation of H3K122 destabilizes nucleosomes and enhances transcription. <i>EMBO Reports</i> , 2021, 22, e51009.	4.5	36
16	Dissecting the role of H3K64me3 in mouse pericentromeric heterochromatin. <i>Nature Communications</i> , 2013, 4, 2233.	12.8	30
17	Bromodomain factors of BET family are new essential actors of pericentric heterochromatin transcriptional activation in response to heat shock. <i>Scientific Reports</i> , 2017, 7, 5418.	3.3	29
18	The Mdm2 gene of zebrafish (<i>Danio rerio</i>): preferential expression during development of neural and muscular tissues, and absence of tumor formation after overexpression of its cDNA during early embryogenesis. <i>Differentiation</i> , 2000, 66, 61-70.	1.9	28

#	ARTICLE	IF	CITATIONS
19	Citrullination of pyruvate kinase M2 by PADI1 and PADI3 regulates glycolysis and cancer cell proliferation. <i>Nature Communications</i> , 2021, 12, 1718.	12.8	27
20	Dynamics of histone H3 acetylation in the nucleosome core during mouse pre-implantation development. <i>Epigenetics</i> , 2016, 11, 553-562.	2.7	21
21	Preferential expression of Mdm2 oncogene during the development of neural crest and its derivatives in mouse early embryogenesis. <i>Mechanisms of Development</i> , 2001, 103, 163-165.	1.7	12