Sylvain Daujat

List of Publications by Year
in descending order

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	Succinylation of H3K122 destabilizes nucleosomes and enhances transcription. EMBO Reports, 2021, 22, e51009.	4.5	36
2	Citrullination of pyruvate kinase M2 by PADI1 and PADI3 regulates glycolysis and cancer cell proliferation. Nature Communications, 2021, 12, 1718.	12.8	27
3	Histone propionylation is a mark of active chromatin. Nature Structural and Molecular Biology, 2017, 24, 1048-1056.	8.2	148
4	Bromodomain factors of BET family are new essential actors of pericentric heterochromatin transcriptional activation in response to heat shock. Scientific Reports, 2017, 7, 5418.	3.3	29
5	Lateral Thinking: How Histone Modifications Regulate Gene Expression. Trends in Genetics, 2016, 32, 42-56.	6.7	661
6	Dynamics of histone H3 acetylation in the nucleosome core during mouse pre-implantation development. Epigenetics, 2016, 11, 553-562.	2.7	21
7	Novel types and sites of histone modifications emerge as players in the transcriptional regulation contest. FEBS Journal, 2015, 282, 1658-1674.	4.7	62
8	Acetylation of histone H3 at lysine 64 regulates nucleosome dynamics and facilitates transcription. ELife, 2014, 3, e01632.	6.0	99
9	Dissecting the role of H3K64me3 in mouse pericentromeric heterochromatin. Nature Communications, 2013, 4, 2233.	12.8	30
10	Isoform-specific phosphorylation of human linker histone H1.4 in mitosis by the kinase Aurora B. Journal of Cell Science, 2011, 124, 1623-1628.	2.0	62
11	Histone H1 variant-specific lysine methylation by G9a/KMT1C and Glp1/KMT1D. Epigenetics and Chromatin, 2010, 3, 7.	3.9	88
12	Histone H2A C-Terminus Regulates Chromatin Dynamics, Remodeling, and Histone H1 Binding. PLoS Genetics, 2010, 6, e1001234.	3.5	73
13	H3K64 trimethylation marks heterochromatin and is dynamically remodeled during developmental reprogramming. Nature Structural and Molecular Biology, 2009, 16, 777-781.	8.2	125
14	The multidomain protein Brpf1 binds histones and is required for Hox gene expression and segmental identity. Development (Cambridge), 2008, 135, 1935-1946.	2.5	118
15	Differential Regulation of Estrogen Receptor Î± Turnover and Transactivation by Mdm2 and Stress-Inducing Agents. Cancer Research, 2007, 67, 5513-5521.	0.9	92
16	HP1 Binds Specifically to Lys26-methylated Histone H1.4, whereas Simultaneous Ser27 Phosphorylation Blocks HP1 Binding*. Journal of Biological Chemistry, 2005, 280, 38090-38095.	3.4	200
17	Histone Deimination Antagonizes Arginine Methylation. Cell, 2004, 118, 545-553.	28.9	744
18	Methylation at arginine 17 of histone H3 is linked to gene activation. EMBO Reports, 2002, 3, 39-44.	4.5	285

#	Article	IF	Citations
19	Crosstalk between CARM1 Methylation and CBP Acetylation on Histone H3. Current Biology, 2002, 12, 2090-2097.	3.9	262
20	Preferential expression of Mdm2 oncogene during the development of neural crest and its derivatives in mouse early embryogenesis. Mechanisms of Development, 2001, 103, 163-165.	1.7	12
21	The Mdm2 gene of zebrafish (Danio rerio): preferential expression during development of neural and muscular tissues, and absence of tumor formation after overexpression of its cDNA during early embryogenesis. Differentiation, 2000, 66, 61-70.	1.9	28