

Hans-Martin Herz

List of Publications by Year in descending order

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27
papers

3,020
citations

304368

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27
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docs citations

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4828
citing authors

#	ARTICLE	IF	CITATIONS
1	The MLL3/MLL4 Branches of the COMPASS Family Function as Major Histone H3K4 Monomethylases at Enhancers. <i>Molecular and Cellular Biology</i> , 2013, 33, 4745-4754.	1.1	329
2	Enhancer-associated H3K4 monomethylation by Trithorax-related, the <i>Drosophila</i> homolog of mammalian Mll3/Mll4. <i>Genes and Development</i> , 2012, 26, 2604-2620.	2.7	327
3	Linking H3K79 trimethylation to Wnt signaling through a novel Dot1-containing complex (DotCom). <i>Genes and Development</i> , 2010, 24, 574-589.	2.7	272
4	SET for life: biochemical activities and biological functions of SET domain-containing proteins. <i>Trends in Biochemical Sciences</i> , 2013, 38, 621-639.	3.7	244
5	Trim24 targets endogenous p53 for degradation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11612-11616.	3.3	238
6	The COMPASS Family of H3K4 Methylases in <i>Drosophila</i> . <i>Molecular and Cellular Biology</i> , 2011, 31, 4310-4318.	1.1	195
7	Histone H3K4 monomethylation catalyzed by Trr and mammalian COMPASS-like proteins at enhancers is dispensable for development and viability. <i>Nature Genetics</i> , 2017, 49, 1647-1653.	9.4	168
8	Histone H3 lysine-to-methionine mutants as a paradigm to study chromatin signaling. <i>Science</i> , 2014, 345, 1065-1070.	6.0	163
9	Enhancer Malfunction in Cancer. <i>Molecular Cell</i> , 2014, 53, 859-866.	4.5	156
10	vps25 mosaics display non-autonomous cell survival and overgrowth, and autonomous apoptosis. <i>Development (Cambridge)</i> , 2006, 133, 1871-1880.	1.2	141
11	RhoGEF2 and the formin Dia control the formation of the furrow canal by directed actin assembly during <i>Drosophila</i> cellularisation. <i>Development (Cambridge)</i> , 2005, 132, 1009-1020.	1.2	129
12	The H3K27me3 Demethylase dUTX Is a Suppressor of Notch- and Rb-Dependent Tumors in <i>Drosophila</i> . <i>Molecular and Cellular Biology</i> , 2010, 30, 2485-2497.	1.1	106
13	Enhancer deregulation in cancer and other diseases. <i>BioEssays</i> , 2016, 38, 1003-1015.	1.2	79
14	Polycomb Repressive Complex 2-Dependent and -Independent Functions of Jarid2 in Transcriptional Regulation in <i>Drosophila</i> . <i>Molecular and Cellular Biology</i> , 2012, 32, 1683-1693.	1.1	66
15	An Evolutionary Conserved Epigenetic Mark of Polycomb Response Elements Implemented by Trx/MLL/COMPASS. <i>Molecular Cell</i> , 2016, 63, 318-328.	4.5	60
16	The JARID2 "PRC2 duality: Figure 1.. <i>Genes and Development</i> , 2010, 24, 857-861.	2.7	55
17	A cryptic Tudor domain links BRWD2/PHIP to COMPASS-mediated histone H3K4 methylation. <i>Genes and Development</i> , 2017, 31, 2003-2014.	2.7	54
18	Regulation of the Rac GTPase pathway by the multifunctional Rho GEF Pebble is essential for mesoderm migration in the <i>Drosophila</i> gastrula. <i>Development (Cambridge)</i> , 2009, 136, 813-822.	1.2	39

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19	SnapShot: Histone Lysine Methylase Complexes. <i>Cell</i> , 2012, 149, 498-498.e1.	13.5	38
20	Common and Distinct Genetic Properties of ESCRT-II Components in <i>Drosophila</i> . <i>PLoS ONE</i> , 2009, 4, e4165.	1.1	36
21	Histone demethylase dUTX antagonizes JAK-STAT signaling to maintain proper gene expression and architecture of the <i>Drosophila</i> testis niche. <i>Development (Cambridge)</i> , 2013, 140, 1014-1023.	1.2	26
22	PROSER1 mediates TET2 O-GlcNAcylation to regulate DNA demethylation on UTX-dependent enhancers and CpG islands. <i>Life Science Alliance</i> , 2022, 5, e202101228.	1.3	24
23	The <i>Drosophila</i> mitotic inhibitor Fr ¹⁴ start specifically binds to the hydrophobic patch of cyclins. <i>EMBO Reports</i> , 2007, 8, 490-496.	2.0	23
24	The histone deacetylase complex MiDAC regulates a neurodevelopmental gene expression program to control neurite outgrowth. <i>ELife</i> , 2020, 9, .	2.8	23
25	Genetic analysis of ESCRT function in <i>Drosophila</i> : a tumour model for human Tsg101.	1.6	13
26	The Curious Case of Bivalent Marks. <i>Developmental Cell</i> , 2009, 17, 301-303.	3.1	12
27	The MLL3/4 complexes and MiDAC co-regulate H4K20ac to control a specific gene expression program. <i>Life Science Alliance</i> , 2022, 5, e202201572.	1.3	4