

Writing, erasing and reading histone lysine methylation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Histone Lysine Methylation and Neurodevelopmental Disorders. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1404.	1.8	53
2	Targeting the epigenome in malignant pleural mesothelioma. <i>Translational Lung Cancer Research</i> , 2017, 6, 350-365.	1.3	36
3	Histone 3 lysine 4, 9, and 27 demethylases expression profile in fertilized and cloned bovine and porcine embryos. <i>Biology of Reproduction</i> , 2018, 98, 742-751.	1.2	35
4	Epigenetic drug discovery: a success story for cofactor interference. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170069.	1.8	39
5	Intratumor heterogeneity in epigenetic patterns. <i>Seminars in Cancer Biology</i> , 2018, 51, 12-21.	4.3	49
6	SPION-mediated miR-141 promotes the differentiation of HuAESC into dopaminergic neuron-like cells via suppressing lncRNA HOTAIR. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2299-2310.	1.6	16
7	Epigenetics, microbiota, and intraocular inflammation: New paradigms of immune regulation in the eye. <i>Progress in Retinal and Eye Research</i> , 2018, 64, 84-95.	7.3	46
8	More than a powerplant: the influence of mitochondrial transfer on the epigenome. <i>Current Opinion in Physiology</i> , 2018, 3, 16-24.	0.9	7
9	Epigenetic control of gene regulation during development and disease: A view from the retina. <i>Progress in Retinal and Eye Research</i> , 2018, 65, 1-27.	7.3	105
10	Stressing the (Epi)Genome: Dealing with Reactive Oxygen Species in Cancer. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1273-1292.	2.5	35
11	Histone Mutations in Cancer. <i>Annual Review of Cancer Biology</i> , 2018, 2, 337-351.	2.3	23
12	Emerging Roles of the Nuclear Cap-Binding Complex in Abiotic Stress Responses. <i>Plant Physiology</i> , 2018, 176, 242-253.	2.3	20
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14	The Epigenome in Multiple Myeloma: Impact on Tumor Cell Plasticity and Drug Response. <i>Frontiers in Oncology</i> , 2018, 8, 566.	1.3	39
15	Regulation of Tumor Suppressor Gene CDKN2A and Encoded p16-INK4a Protein by Covalent Modifications. <i>Biochemistry (Moscow)</i> , 2018, 83, 1289-1298.	0.7	29
16	Crosstalk among Set1 complex subunits involved in H2B ubiquitylation-dependent H3K4 methylation. <i>Nucleic Acids Research</i> , 2018, 46, 11129-11143.	6.5	19
17	KDM2A/B lysine demethylases and their alternative isoforms in development and disease. <i>Nucleus</i> , 2018, 9, 431-441.	0.6	19
18	3-Chloro-N-(2-hydroxybenzylidene) benzohydrazide: An LSD1-Selective Inhibitor and Iron-Chelating Agent for Anticancer Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 1006.	1.6	14

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19	Targeting EZH2 in Multiple Myeloma—Multifaceted Anti-Tumor Activity. <i>Epigenomes</i> , 2018, 2, 16.	0.8	18
20	Mechanistic and structural studies of KDM-catalysed demethylation of histone 1 isotype 4 at lysine 26. <i>FEBS Letters</i> , 2018, 592, 3264-3273.	1.3	10
21	Editing the Epigenome: Reshaping the Genomic Landscape. <i>Annual Review of Genomics and Human Genetics</i> , 2018, 19, 43-71.	2.5	109
22	Selective DOT1L, LSD1, and HDAC Class I Inhibitors Reduce HOXA9 Expression in MLL-AF9 Rearranged Leukemia Cells, But Dysregulate the Expression of Many Histone-Modifying Enzymes. <i>Journal of Proteome Research</i> , 2018, 17, 2657-2667.	1.8	17
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29	Modes of Interaction of KMT2 Histone H3 Lysine 4 Methyltransferase/COMPASS Complexes with Chromatin. <i>Cells</i> , 2018, 7, 17.	1.8	79
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36	The MLL1 trimeric catalytic complex is a dynamic conformational ensemble stabilized by multiple weak interactions. <i>Nucleic Acids Research</i> , 2019, 47, 9433-9447.	6.5	8

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38	Epigenetic Changes as a Target in Aging Haematopoietic Stem Cells and Age-Related Malignancies. <i>Cells</i> , 2019, 8, 868.	1.8	17
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49	Histone H3K9 Trimethylation Downregulates the Expression of Brain-Derived Neurotrophic Factor in the Dorsal Hippocampus and Impairs Memory Formation During Anaesthesia and Surgery. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 246.	1.4	20
50	Molecular mechanisms of T helper 17 cell differentiation: Emerging roles for transcription cofactors. <i>Advances in Immunology</i> , 2019, 144, 121-153.	1.1	7
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60	Epigenetics and vascular diseases. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 148-163.	0.9	36
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71	Making Sense of the Epigenome Using Data Integration Approaches. <i>Frontiers in Pharmacology</i> , 2019, 10, 126.	1.6	58
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83	Structural Basis for Recognition of Ubiquitylated Nucleosome by Dot1L Methyltransferase. <i>Cell Reports</i> , 2019, 26, 1681-1690.e5.	2.9	99
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116	Nuclear and Cytoplasmic Functions of Vitamin C. <i>Chemical Research in Toxicology</i> , 2020, 33, 2515-2526.	1.7	42
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