Xinyang Zhao

List of Publications by Year in descending order

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40 papers	4,134 citations	257450 24 h-index	345221 36 g-index
43 all docs	43 docs citations	43 times ranked	6898 citing authors

#	Article	IF	Citations
1	Transcriptional Programming in Arteriosclerotic Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 20-34.	2.4	32
2	Pharmacophore-based screening of diamidine small molecule inhibitors for protein arginine methyltransferases. RSC Medicinal Chemistry, 2021, 12, 95-102.	3.9	3
3	Methylation of dual-specificity phosphatase 4 controls cell differentiation. Cell Reports, 2021, 36, 109421.	6.4	17
4	The macromolecular complexes of histones affect protein arginine methyltransferase activities. Journal of Biological Chemistry, 2021, 297, 101123.	3.4	11
5	Regulation of pancreatic cancer TRAIL resistance by protein O-GlcNAcylation. Laboratory Investigation, 2020, 100, 777-785.	3.7	14
6	Arterial Stiffness. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1078-1093.	2.4	89
7	PRMT1-mediated FLT3 arginine methylation promotes maintenance of FLT3-ITD+ acute myeloid leukemia. Blood, 2019, 134, 548-560.	1.4	58
8	Metabolic Stress and Cardiovascular Disease in Diabetes Mellitus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1911-1924.	2.4	42
9	Characterization of iPSCs derived from low grade gliomas revealed early regional chromosomal amplifications during gliomagenesis. Journal of Neuro-Oncology, 2019, 141, 289-301.	2.9	11
10	Defining the epigenetic status of blood cells using a cyanine-based fluorescent probe for PRMT1. Blood Advances, 2018, 2, 2829-2836.	5.2	3
11	The long non-coding RNA HOTAIR enhances pancreatic cancer resistance to TNF-related apoptosis-inducing ligand. Journal of Biological Chemistry, 2017, 292, 10390-10397.	3.4	68
12	Splicing factor SF3B1K700E mutant dysregulates erythroid differentiation via aberrant alternative splicing of transcription factor TAL1. PLoS ONE, 2017, 12, e0175523.	2.5	24
13	The ASâ€RBM15 lncRNA enhances RBM15 protein translation during megakaryocyte differentiation. EMBO Reports, 2016, 17, 887-900.	4.5	63
14	Loss of <scp>RUNX</scp>1/<scp>AML</scp>1 arginineâ€methylation impairs peripheral T cell homeostasis. British Journal of Haematology, 2015, 170, 859-873.	2.5	17
15	Cross-talk between PRMT1-mediated methylation and ubiquitylation on RBM15 controls RNA splicing. ELife, 2015, 4, .	6.0	125
16	Exploration of Cyanine Compounds as Selective Inhibitors of Protein Arginine Methyltransferases: Synthesis and Biological Evaluation. Journal of Medicinal Chemistry, 2015, 58, 1228-1243.	6.4	37
17	Split End Family RNA Binding Proteins: Novel Tumor Suppressors Coupling Transcriptional Regulation with RNA Processing. Cancer Translational Medicine, 2015, 1, 21.	0.2	9
18	Prmt5 Negatively Regulates Erythropoiesis By Multiple Mechanisms, Including Controlling DNA Methyltransferase 3A Protein Levels. Blood, 2015, 126, 1181-1181.	1.4	0

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19	RBM15-Mediated RNA Splicing Fine-Tunes Epigenetic Program through Interaction with SF3B1. Blood, 2015, 126, 4110-4110.	1.4	0
20	DNA Hydroxymethylation Profiling Reveals that WT1 Mutations Result in Loss of TET2 Function in Acute Myeloid Leukemia. Cell Reports, 2014, 9, 1841-1855.	6.4	237
21	Expression of PRMT5 correlates with malignant grade in gliomas and plays a pivotal role in tumor growth in vitro. Journal of Neuro-Oncology, 2014, 118, 61-72.	2.9	82
22	Diamidine Compounds for Selective Inhibition of Protein Arginine Methyltransferase 1. Journal of Medicinal Chemistry, 2014, 57, 2611-2622.	6.4	77
23	PRMT4 Blocks Myeloid Differentiation by Assembling a Methyl-RUNX1-Dependent Repressor Complex. Cell Reports, 2013, 5, 1625-1638.	6.4	77
24	Deletion of Asxl1 results in myelodysplasia and severe developmental defects in vivo. Journal of Experimental Medicine, 2013, 210, 2641-2659.	8.5	278
25	Arginine Methylation Of RBM15 By PRMT1 Controls Alternative Splicing Of Genes Involved In Megakaryocyte Differentiation. Blood, 2013, 122, 2443-2443.	1.4	7
26	ASXL1 Mutations Promote Myeloid Transformation through Loss of PRC2-Mediated Gene Repression. Cancer Cell, 2012, 22, 180-193.	16.8	504
27	PRMT1 interacts with AML1-ETO to promote its transcriptional activation and progenitor cell proliferative potential. Blood, 2012, 119, 4953-4962.	1.4	106
28	Akt Phosphorylates the Transcriptional Repressor Bmi1 to Block Its Effects on the Tumor-Suppressing Ink4a-Arf Locus. Science Signaling, 2012, 5, ra77.	3.6	53
29	Conditional Deletion of Asxl1 Results in Myelodysplasia. Blood, 2012, 120, 308-308.	1.4	0
30	The ability of MLL to bind RUNX1 and methylate H3K4 at PU.1 regulatory regions is impaired by MDS/AML-associated RUNX1/AML1 mutations. Blood, 2011, 118, 6544-6552.	1.4	71
31	JAK2V617F-Mediated Phosphorylation of PRMT5 Downregulates Its Methyltransferase Activity and Promotes Myeloproliferation. Cancer Cell, 2011, 19, 283-294.	16.8	225
32	Tet2 Loss Leads to Increased Hematopoietic Stem Cell Self-Renewal and Myeloid Transformation. Cancer Cell, 2011, 20, 11-24.	16.8	1,105
33	The Leukemogenicity of AML1-ETO Is Dependent on Site-Specific Lysine Acetylation. Science, 2011, 333, 765-769.	12.6	200
34	The Mef/Elf4 Transcription Factor Fine Tunes the DNA Damage Response. Cancer Research, 2011, 71, 4857-4865.	0.9	14
35	Affinity-based proteomics reveal cancer-specific networks coordinated by Hsp90. Nature Chemical Biology, 2011, 7, 818-826.	8.0	240
36	JAK2 V617F, PRMT5, and GATA-1 Form a Regulatory Loop That Controls Autophagy Via Effects on ATG3 Gene Expression. Blood, 2011, 118, 2822-2822.	1.4	1

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37	Depletion of L3MBTL1 promotes the erythroid differentiation of human hematopoietic progenitor cells: possible role in 20qâ" polycythemia vera. Blood, 2010, 116, 2812-2821.	1.4	51
38	JAK2V617F-Mediated Phosphorylation of PRMT5 Down-Regulates Its Methyltransferase Activity and Promotes Myeloproliferation. Blood, 2010, 116, 794-794.	1.4	0
39	Post-translational modifications of Runx1 regulate its activity in the cell. Blood Cells, Molecules, and Diseases, 2009, 43, 30-34.	1.4	28
40	Methylation of RUNX1 by PRMT1 abrogates SIN3A binding and potentiates its transcriptional activity. Genes and Development, 2008, 22, 640-653.	5.9	154