

Amit U Sinha

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,892
citations

516710

16
h-index

677142

22
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25
all docs

25
docs citations

25
times ranked

6651
citing authors

#	ARTICLE	IF	CITATIONS
1	MLL-Rearranged Leukemia Is Dependent on Aberrant H3K79 Methylation by DOT1L. <i>Cancer Cell</i> , 2011, 20, 66-78.	16.8	791
2	The Wnt/ β -Catenin Pathway Is Required for the Development of Leukemia Stem Cells in AML. <i>Science</i> , 2010, 327, 1650-1653.	12.6	675
3	Chromatin-modifying enzymes as modulators of reprogramming. <i>Nature</i> , 2012, 483, 598-602.	27.8	583
4	H3K79 Methylation Profiles Define Murine and Human MLL-AF4 Leukemias. <i>Cancer Cell</i> , 2008, 14, 355-368.	16.8	494
5	DOT1L inhibits SIRT1-mediated epigenetic silencing to maintain leukemic gene expression in MLL-rearranged leukemia. <i>Nature Medicine</i> , 2015, 21, 335-343.	30.7	200
6	Polycomb repressive complex 2 is required for MLL-AF9 leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5028-5033.	7.1	198
7	Mutations in epigenetic regulators including SETD2 are gained during relapse in paediatric acute lymphoblastic leukaemia. <i>Nature Communications</i> , 2014, 5, 3469.	12.8	171
8	AF10 Regulates Progressive H3K79 Methylation and HOX Gene Expression in Diverse AML Subtypes. <i>Cancer Cell</i> , 2014, 26, 896-908.	16.8	153
9	Leukemic transformation by the MLL-AF6 fusion oncogene requires the H3K79 methyltransferase Dot1l. <i>Blood</i> , 2013, 121, 2533-2541.	1.4	149
10	Haploinsufficiency of <i>Dnmt1</i> impairs leukemia stem cell function through derepression of bivalent chromatin domains. <i>Genes and Development</i> , 2012, 26, 344-349.	5.9	121
11	Cinteny: flexible analysis and visualization of synteny and genome rearrangements in multiple organisms. <i>BMC Bioinformatics</i> , 2007, 8, 82.	2.6	112
12	MLL-AF9 and HOXA9-mediated acute myeloid leukemia stem cell self-renewal requires JMJD1C. <i>Journal of Clinical Investigation</i> , 2016, 126, 997-1011.	8.2	69
13	MLL-Rearranged B Lymphoblastic Leukemias Selectively Express the Immunoregulatory Carbohydrate-Binding Protein Galectin-1. <i>Clinical Cancer Research</i> , 2010, 16, 2122-2130.	7.0	39
14	Dissecting microregulation of a master regulatory network. <i>BMC Genomics</i> , 2008, 9, 88.	2.8	36
15	Myeloid Leukemia Cells With MLL partial Tandem Duplication Are Sensitive To Pharmacological Inhibition Of The H3K79 Methyltransferase DOT1L. <i>Blood</i> , 2013, 122, 1256-1256.	1.4	35
16	MLL1 and DOT1L cooperate with meningioma-1 to induce acute myeloid leukemia. <i>Journal of Clinical Investigation</i> , 2016, 126, 1438-1450.	8.2	33
17	iCanPlot: Visual Exploration of High-Throughput Omics Data Using Interactive Canvas Plotting. <i>PLoS ONE</i> , 2012, 7, e31690.	2.5	9
18	eXframe: reusable framework for storage, analysis and visualization of genomics experiments. <i>BMC Bioinformatics</i> , 2011, 12, 452.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Sensitivity analysis for reversal distance and breakpoint reuse in genome rearrangements. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2008, , 37-48.	0.7	5
20	Genome-Wide RNAi Screen Identifies The Mechanistic Role For DOT1L In MLL-Rearranged Leukemia. Blood, 2013, 122, 598-598.	1.4	4
21	Identifying Functional Binding Motifs of Tumor Protein p53 Using Support Vector Machines. , 2007, , .		3
22	Haploinsufficiency of Dnmt1 Impairs Leukemia Stem Cell Function Through Derepression of Bivalent Chromatin Domains,. Blood, 2011, 118, 3459-3459.	1.4	3
23	Regulation Of Normal and Malignant Hoxa Gene Expression Through Higher H3K79 Methylated States. Blood, 2013, 122, 2492-2492.	1.4	2
24	SENSITIVITY ANALYSIS FOR REVERSAL DISTANCE AND BREAKPOINT REUSE IN GENOME REARRANGEMENTS. , 2007, , .		2
25	The Interaction Between DOT1L and AF10 Is Required for H3K79 Dimethylation and MLL-AF9 Leukemia. Blood, 2012, 120, 401-401.	1.4	0