

Nicholas T Crump

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,270
citations

840776

11
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

2516
citing authors

#	ARTICLE	IF	CITATIONS
1	Virtual Ligand Screening of the p300/CBP Histone Acetyltransferase: Identification of a Selective Small Molecule Inhibitor. <i>Chemistry and Biology</i> , 2010, 17, 471-482.	6.0	538
2	Defining genome architecture at base-pair resolution. <i>Nature</i> , 2021, 595, 125-129.	27.8	107
3	DOT1L inhibition reveals a distinct subset of enhancers dependent on H3K79 methylation. <i>Nature Communications</i> , 2019, 10, 2803.	12.8	99
4	Dynamic acetylation of all lysine-4 trimethylated histone H3 is evolutionarily conserved and mediated by p300/CBP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7814-7819.	7.1	93
5	BET inhibition disrupts transcription but retains enhancer-promoter contact. <i>Nature Communications</i> , 2021, 12, 223.	12.8	84
6	Reconstitution and Analysis of the Multienzyme Escherichia coli RNA Degradosome. <i>Journal of Molecular Biology</i> , 2008, 382, 870-883.	4.2	69
7	Discovery of a CD10-negative B-progenitor in human fetal life identifies unique ontogeny-related developmental programs. <i>Blood</i> , 2019, 134, 1059-1071.	1.4	62
8	Why are so many MLL lysine methyltransferases required for normal mammalian development?. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2885-2898.	5.4	54
9	Live-Cell Studies of p300/CBP Histone Acetyltransferase Activity and Inhibition. <i>ChemBioChem</i> , 2012, 13, 2113-2121.	2.6	47
10	H3K79me2/3 controls enhancer-promoter interactions and activation of the pan-cancer stem cell marker PROM1/CD133 in MLL-AF4 leukemia cells. <i>Leukemia</i> , 2021, 35, 90-106.	7.2	35
11	A human fetal liver-derived infant MLL-AF4 acute lymphoblastic leukemia model reveals a distinct fetal gene expression program. <i>Nature Communications</i> , 2021, 12, 6905.	12.8	28
12	Chromatin accessibility governs the differential response of cancer and T cells to arginine starvation. <i>Cell Reports</i> , 2021, 35, 109101.	6.4	20
13	A KMT2A-AFF1 gene regulatory network highlights the role of core transcription factors and reveals the regulatory logic of key downstream target genes. <i>Genome Research</i> , 2021, 31, 1159-1173.	5.5	16
14	Potent, p53-independent induction of NOXA sensitizes MLL-rearranged B-cell acute lymphoblastic leukemia cells to venetoclax. <i>Oncogene</i> , 2022, 41, 1600-1609.	5.9	9
15	Alkaline nucleoplasm facilitates contractile gene expression in the mammalian heart. <i>Basic Research in Cardiology</i> , 2022, 117, 17.	5.9	3
16	Stress-activated MAP Kinases in Chromatin and Transcriptional Complexes. , 2007, , 283-297.		1
17	Pharmacological Induction of NOXA Sensitizes High-Risk B Cell Acute Lymphoblastic Leukemia Cells to Venetoclax. <i>Blood</i> , 2020, 136, 17-18.	1.4	0