

Allen C Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,663
citations

840776

11
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

2300
citing authors

#	ARTICLE	IF	CITATIONS
1	m6A mRNA methylation regulates AKT activity to promote the proliferation and tumorigenicity of endometrial cancer. <i>Nature Cell Biology</i> , 2018, 20, 1074-1083.	10.3	592
2	RNA Demethylase ALKBH5 Selectively Promotes Tumorigenesis and Cancer Stem Cell Self-Renewal in Acute Myeloid Leukemia. <i>Cell Stem Cell</i> , 2020, 27, 64-80.e9.	11.1	225
3	CHARMM-GUI PDB Manipulator for Advanced Modeling and Simulations of Proteins Containing Nonstandard Residues. <i>Advances in Protein Chemistry and Structural Biology</i> , 2014, 96, 235-265.	2.3	214
4	N6-Deoxyadenosine Methylation in Mammalian Mitochondrial DNA. <i>Molecular Cell</i> , 2020, 78, 382-395.e8.	9.7	156
5	Genetic analyses support the contribution of mRNA N6-methyladenosine (m6A) modification to human disease heritability. <i>Nature Genetics</i> , 2020, 52, 939-949.	21.4	113
6	The RNA-binding protein FMRP facilitates the nuclear export of N6-methyladenosine-containing mRNAs. <i>Journal of Biological Chemistry</i> , 2019, 294, 19889-19895.	3.4	84
7	Stabilization of ERK-Phosphorylated METTL3 by USP5 Increases m6A Methylation. <i>Molecular Cell</i> , 2020, 80, 633-647.e7.	9.7	83
8	REPIC: a database for exploring the N6-methyladenosine methylome. <i>Genome Biology</i> , 2020, 21, 100.	8.8	71
9	RADAR: differential analysis of MeRIP-seq data with a random effect model. <i>Genome Biology</i> , 2019, 20, 294.	8.8	46
10	METTL3 Regulates Liver Homeostasis, Hepatocyte Ploidy, and Circadian Rhythm-Controlled Gene Expression in Mice. <i>American Journal of Pathology</i> , 2022, 192, 56-71.	3.8	26
11	The METTL5-TRMT112 N6-methyladenosine methyltransferase complex regulates mRNA translation via 18S rRNA methylation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101590.	3.4	26
12	KAS-seq: genome-wide sequencing of single-stranded DNA by N3-kethoxal-assisted labeling. <i>Nature Protocols</i> , 2022, 17, 402-420.	12.0	16
13	Lysine acetylation restricts mutant IDH2 activity to optimize transformation in AML cells. <i>Molecular Cell</i> , 2021, 81, 3833-3847.e11.	9.7	10
14	Global Detection of RNA Methylation by Click Degradation. <i>ACS Central Science</i> , 2020, 6, 2126-2129.	11.3	1
15	Global Detection of RNA Methylation by Click Degradation. <i>ACS Central Science</i> , 2020, 6, 2126-2129.	11.3	0