

Xiao-Long Cui

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

2,623
citations

393982

19
h-index

525886

27
g-index

30
all docs

30
docs citations

30
times ranked

3007
citing authors

#	ARTICLE	IF	CITATIONS
1	VIRMA mediates preferential m6A mRNA methylation in 3'UTR and near stop codon and associates with alternative polyadenylation. <i>Cell Discovery</i> , 2018, 4, 10.	3.1	643
2	Differential m6A, m6Am, and m1A Demethylation Mediated by FTO in the Cell Nucleus and Cytoplasm. <i>Molecular Cell</i> , 2018, 71, 973-985.e5.	4.5	506
3	An integrated multi-omics approach identifies epigenetic alterations associated with Alzheimer's disease. <i>Nature Genetics</i> , 2020, 52, 1024-1035.	9.4	191
4	N6-Deoxyadenosine Methylation in Mammalian Mitochondrial DNA. <i>Molecular Cell</i> , 2020, 78, 382-395.e8.	4.5	156
5	A metabolic labeling method detects m6A transcriptome-wide at single base resolution. <i>Nature Chemical Biology</i> , 2020, 16, 887-895.	3.9	133
6	Evolution of a reverse transcriptase to map N1-methyladenosine in human messenger RNA. <i>Nature Methods</i> , 2019, 16, 1281-1288.	9.0	113
7	FTO mediates LINE1 m ⁶ A demethylation and chromatin regulation in mESCs and mouse development. <i>Science</i> , 2022, 376, 968-973.	6.0	97
8	Post-translational modification of RNA m6A demethylase ALKBH5 regulates ROS-induced DNA damage response. <i>Nucleic Acids Research</i> , 2021, 49, 5779-5797.	6.5	92
9	Genetic Modification and Screening in Rat Using Haploid Embryonic Stem Cells. <i>Cell Stem Cell</i> , 2014, 14, 404-414.	5.2	85
10	A critical role of nuclear m6A reader YTHDC1 in leukemogenesis by regulating MCM complex-mediated DNA replication. <i>Blood</i> , 2021, 138, 2838-2852.	0.6	83
11	Control of Early B Cell Development by the RNA N6-Methyladenosine Methylation. <i>Cell Reports</i> , 2020, 31, 107819.	2.9	77
12	A human tissue map of 5-hydroxymethylcytosines exhibits tissue specificity through gene and enhancer modulation. <i>Nature Communications</i> , 2020, 11, 6161.	5.8	76
13	Autophagy of the m6A mRNA demethylase FTO is impaired by low-level arsenic exposure to promote tumorigenesis. <i>Nature Communications</i> , 2021, 12, 2183.	5.8	72
14	METTL14 facilitates global genome repair and suppresses skin tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	61
15	Generation and Application of Mouse-Rat Allodiploid Embryonic Stem Cells. <i>Cell</i> , 2016, 164, 279-292.	13.5	46
16	OGT binds a conserved C-terminal domain of TET1 to regulate TET1 activity and function in development. <i>ELife</i> , 2018, 7, .	2.8	46
17	Targeted inhibition of STAT/TET1 axis as a therapeutic strategy for acute myeloid leukemia. <i>Nature Communications</i> , 2017, 8, 2099.	5.8	45
18	Jump-seq: Genome-Wide Capture and Amplification of 5-Hydroxymethylcytosine Sites. <i>Journal of the American Chemical Society</i> , 2019, 141, 8694-8697.	6.6	26

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19	The METTL5-TRMT112 N6-methyladenosine methyltransferase complex regulates mRNA translation via 18S rRNA methylation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101590.	1.6	26
20	DNA 5-Methylcytosine-Specific Amplification and Sequencing. <i>Journal of the American Chemical Society</i> , 2020, 142, 4539-4543.	6.6	13
21	Alterations of 5-hydroxymethylation in circulating cell-free DNA reflect molecular distinctions of subtypes of non-Hodgkin lymphoma. <i>Npj Genomic Medicine</i> , 2021, 6, 11.	1.7	13
22	An integrative analysis of genome-wide 5-hydroxymethylcytosines in circulating cell-free DNA detects noninvasive diagnostic markers for gliomas. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab049.	0.4	12
23	Co-participation of paternal and maternal genomes before the blastocyst stage is not required for full-term development of mouse embryos: Figure A1. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 486-488.	1.5	4
24	Multi-cancer detection and tissue of origin determination based on 5-hydroxymethylcytosine biomarkers in circulating cell-free DNA. <i>Journal of Clinical Oncology</i> , 2021, 39, 3123-3123.	0.8	1
25	Targeted Inhibition of STAT/TET1 Axis As a Potent Therapeutic Strategy for Acute Myeloid Leukemia. <i>Blood</i> , 2017, 130, 857-857.	0.6	1
26	Utilization of nano-hmC-seal technology to detect epigenetic signatures of peritoneal metastasis in cell-free DNA (cfDNA) in patients with colorectal and high-grade appendiceal cancer. <i>Journal of Clinical Oncology</i> , 2022, 40, e15510-e15510.	0.8	0