

Ying Yang

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

10,407
citations

236833

25
h-index

276775

41
g-index

46
all docs

46
docs citations

46
times ranked

8704
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian WTAP is a regulatory subunit of the RNA N6-methyladenosine methyltransferase. <i>Cell Research</i> , 2014, 24, 177-189.	5.7	1,719
2	Nuclear m6A Reader YTHDC1 Regulates mRNA Splicing. <i>Molecular Cell</i> , 2016, 61, 507-519.	4.5	1,432
3	Dynamic transcriptomic m6A decoration: writers, erasers, readers and functions in RNA metabolism. <i>Cell Research</i> , 2018, 28, 616-624.	5.7	1,045
4	FTO-dependent demethylation of N6-methyladenosine regulates mRNA splicing and is required for adipogenesis. <i>Cell Research</i> , 2014, 24, 1403-1419.	5.7	869
5	5-methylcytosine promotes mRNA export – NSUN2 as the methyltransferase and ALYREF as an m5C reader. <i>Cell Research</i> , 2017, 27, 606-625.	5.7	666
6	Single-cell RNA-seq highlights intra-tumoral heterogeneity and malignant progression in pancreatic ductal adenocarcinoma. <i>Cell Research</i> , 2019, 29, 725-738.	5.7	661
7	Cytoplasmic m6A reader YTHDF3 promotes mRNA translation. <i>Cell Research</i> , 2017, 27, 444-447.	5.7	606
8	m6A RNA Methylation Is Regulated by MicroRNAs and Promotes Reprogramming to Pluripotency. <i>Cell Stem Cell</i> , 2015, 16, 289-301.	5.2	483
9	m6A modulates haematopoietic stem and progenitor cell specification. <i>Nature</i> , 2017, 549, 273-276.	13.7	436
10	5-methylcytosine promotes pathogenesis of bladder cancer through stabilizing mRNAs. <i>Nature Cell Biology</i> , 2019, 21, 978-990.	4.6	410
11	Mettl3-mediated m6A regulates spermatogonial differentiation and meiosis initiation. <i>Cell Research</i> , 2017, 27, 1100-1114.	5.7	306
12	RNA 5-Methylcytosine Facilitates the Maternal-to-Zygotic Transition by Preventing Maternal mRNA Decay. <i>Molecular Cell</i> , 2019, 75, 1188-1202.e11.	4.5	242
13	METTL3-mediated m6A modification is required for cerebellar development. <i>PLoS Biology</i> , 2018, 16, e2004880.	2.6	216
14	Dynamic methylome of internal mRNA N7-methylguanosine and its regulatory role in translation. <i>Cell Research</i> , 2019, 29, 927-941.	5.7	154
15	METTL3-mediated N6-methyladenosine mRNA modification enhances long-term memory consolidation. <i>Cell Research</i> , 2018, 28, 1050-1061.	5.7	146
16	m6A Regulates Neurogenesis and Neuronal Development by Modulating Histone Methyltransferase Ezh2. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 154-168.	3.0	135
17	m6A modification suppresses ocular melanoma through modulating HINT2 mRNA translation. <i>Molecular Cancer</i> , 2019, 18, 161.	7.9	114
18	m6A promotes R-loop formation to facilitate transcription termination. <i>Cell Research</i> , 2019, 29, 1035-1038.	5.7	101

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19	METTL3-dependent m6A modification programs T follicular helper cell differentiation. <i>Nature Communications</i> , 2021, 12, 1333.	5.8	99
20	RNA methylations in human cancers. <i>Seminars in Cancer Biology</i> , 2021, 75, 97-115.	4.3	87
21	OsNSUN2-Mediated 5-Methylcytosine mRNA Modification Enhances Rice Adaptation to High Temperature. <i>Developmental Cell</i> , 2020, 53, 272-286.e7.	3.1	81
22	N6-methyladenosine RNA modification suppresses antiviral innate sensing pathways via reshaping double-stranded RNA. <i>Nature Communications</i> , 2021, 12, 1582.	5.8	65
23	m6A Regulates Liver Metabolic Disorders and Hepatogenous Diabetes. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 371-383.	3.0	49
24	More than one antibody of individual B cells revealed by single-cell immune profiling. <i>Cell Discovery</i> , 2019, 5, 64.	3.1	36
25	RNA structural dynamics regulate early embryogenesis through controlling transcriptome fate and function. <i>Genome Biology</i> , 2020, 21, 120.	3.8	34
26	METTL3-mediated mRNA N6-methyladenosine is required for oocyte and follicle development in mice. <i>Cell Death and Disease</i> , 2021, 12, 989.	2.7	31
27	Insight into novel RNA-binding activities via large-scale analysis of lncRNA-bound proteome and IDH1-bound transcriptome. <i>Nucleic Acids Research</i> , 2019, 47, 2244-2262.	6.5	29
28	The m6A reading protein YTHDF3 potentiates tumorigenicity of cancer stem-like cells in ocular melanoma through facilitating CTNNB1 translation. <i>Oncogene</i> , 2022, 41, 1281-1297.	2.6	29
29	MYC promotes cancer progression by modulating m ⁶ A modifications to suppress target gene translation. <i>EMBO Reports</i> , 2021, 22, e51519.	2.0	24
30	RNA N6-methyladenosine modulates endothelial atherogenic responses to disturbed flow in mice. <i>ELife</i> , 2022, 11, .	2.8	12
31	Phase separation of Ddx3xb helicase regulates maternal-to-zygotic transition in zebrafish. <i>Cell Research</i> , 2022, 32, 715-728.	5.7	12
32	Immune Regulator MCP1 Modulates TET Expression during Early Neocortical Development. <i>Stem Cell Reports</i> , 2016, 7, 439-453.	2.3	10
33	5-Methylcytosine Analysis by RNA-BisSeq. <i>Methods in Molecular Biology</i> , 2019, 1870, 237-248.	0.4	10
34	Differential transcriptomic landscapes of multiple organs from SARS-CoV-2 early infected rhesus macaques. <i>Protein and Cell</i> , 2022, 13, 920-939.	4.8	9
35	RNA 5-methylcytosine regulates YBX2-dependent liquid-liquid phase separation. <i>Fundamental Research</i> , 2022, 2, 48-55.	1.6	8
36	N6-methyladenosine regulates RNA abundance of SARS-CoV-2. <i>Cell Discovery</i> , 2021, 7, 7.	3.1	7

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37	Characteristics of <i>N⁶</i> -Methyladenosine Modification During Sexual Reproduction of <i>Chlamydomonas Reinhardtii</i> . <i>Genomics, Proteomics and Bioinformatics</i> , 2023, 21, 756-768.	3.0	4
38	Comprehensive analysis of RNA-seq and whole genome sequencing data reveals no evidence for SARS-CoV-2 integrating into host genome. <i>Protein and Cell</i> , 2022, 13, 379-385.	4.8	3
39	scDART-seq: Mapping m6A at the single-cell level. <i>Molecular Cell</i> , 2022, 82, 713-715.	4.5	3