

Hailing Shi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

34
papers

7,049
citations

23
h-index

38
g-index

38
ext. papers

10,141
ext. citations

17.7
avg. IF

6.1
L-index

#	Paper	IF	Citations
34	Chemically Modified mRNAs for Highly Efficient Protein Expression in Mammalian Cells. <i>ACS Chemical Biology</i> , 2022 ,	4.9	1
33	EGFR/SRC/ERK-stabilized YTHDF2 promotes cholesterol dysregulation and invasive growth of glioblastoma. <i>Nature Communications</i> , 2021 , 12, 177	17.4	44
32	Exposure to constant light impairs cognition with FTO inhibition and m ⁶ A-dependent TrkB repression in mouse hippocampus. <i>Environmental Pollution</i> , 2021 , 283, 117037	9.3	4
31	Genetic analyses support the contribution of mRNA N-methyladenosine (m ⁶ A) modification to human disease heritability. <i>Nature Genetics</i> , 2020 , 52, 939-949	36.3	52
30	Molecular biology of oral cavity squamous cell carcinoma. <i>Oral Oncology</i> , 2020 , 102, 104552	4.4	12
29	YTHDF3 Induces the Translation of m ⁶ A-Enriched Gene Transcripts to Promote Breast Cancer Brain Metastasis. <i>Cancer Cell</i> , 2020 , 38, 857-871.e7	24.3	70
28	m ⁶ A mRNA methylation controls autophagy and adipogenesis by targeting and. <i>Autophagy</i> , 2020 , 16, 1221-1235	10.2	90
27	Regulation of Co-transcriptional Pre-mRNA Splicing by m ⁶ A through the Low-Complexity Protein hnRNPG. <i>Molecular Cell</i> , 2019 , 76, 70-81.e9	17.6	124
26	Where, When, and How: Context-Dependent Functions of RNA Methylation Writers, Readers, and Erasers. <i>Molecular Cell</i> , 2019 , 74, 640-650	17.6	511
25	The RNA-binding protein FMRP facilitates the nuclear export of m ⁶ A-methyladenosine-containing mRNAs. <i>Journal of Biological Chemistry</i> , 2019 , 294, 19889-19895	5.4	41
24	Transcriptome-wide reprogramming of N-methyladenosine modification by the mouse microbiome. <i>Cell Research</i> , 2019 , 29, 167-170	24.7	19
23	Single base resolution mapping of 2'-O-methylation sites in human mRNA and in 3'UTR terminal ends of small RNAs. <i>Methods</i> , 2019 , 156, 85-90	4.6	10
22	Recognition of RNA N-methyladenosine by IGF2BP proteins enhances mRNA stability and translation. <i>Nature Cell Biology</i> , 2018 , 20, 285-295	23.4	795
21	mRNA m ⁶ A plays opposite role in regulating UCP2 and PNPLA2 protein expression in adipocytes. <i>International Journal of Obesity</i> , 2018 , 42, 1912-1924	5.5	26
20	Phasing Gene Expression: mRNA N-Methyladenosine Regulates Temporal Progression of Mammalian Cortical Neurogenesis. <i>Biochemistry</i> , 2018 , 57, 1055-1056	3.2	2
19	METTL14 Inhibits Hematopoietic Stem/Progenitor Differentiation and Promotes Leukemogenesis via mRNA m ⁶ A Modification. <i>Cell Stem Cell</i> , 2018 , 22, 191-205.e9	18	476
18	Suppression of m ⁶ A reader Ythdf2 promotes hematopoietic stem cell expansion. <i>Cell Research</i> , 2018 , 28, 904-917	24.7	124

17	Ythdf2-mediated m ⁶ A mRNA clearance modulates neural development in mice. <i>Genome Biology</i> , 2018 , 19, 69	18.3	129
16	m ⁶ A facilitates hippocampus-dependent learning and memory through Ythdf1. <i>FASEB Journal</i> , 2018 , 32, 787.6	0.9	0
15	m ⁶ A facilitates hippocampus-dependent learning and memory through YTHDF1. <i>Nature</i> , 2018 , 563, 249-253.4	53.4	208
14	Differential m ⁶ A, m ⁵ A, and m ³ A Demethylation Mediated by FTO in the Cell Nucleus and Cytoplasm. <i>Molecular Cell</i> , 2018 , 71, 973-985.e5	17.6	289
13	Mettl14 Is Essential for Epitranscriptomic Regulation of Striatal Function and Learning. <i>Neuron</i> , 2018 , 99, 283-292.e5	13.9	71
12	YTHDF3 facilitates translation and decay of N-methyladenosine-modified RNA. <i>Cell Research</i> , 2017 , 27, 315-328	24.7	696
11	m ⁶ A-dependent maternal mRNA clearance facilitates zebrafish maternal-to-zygotic transition. <i>Nature</i> , 2017 , 542, 475-478	50.4	293
10	m ⁶ A RNA Methylation Regulates the Self-Renewal and Tumorigenesis of Glioblastoma Stem Cells. <i>Cell Reports</i> , 2017 , 18, 2622-2634	10.6	656
9	Epitranscriptomic influences on development and disease. <i>Genome Biology</i> , 2017 , 18, 197	18.3	64
8	Ythdc2 is an N-methyladenosine binding protein that regulates mammalian spermatogenesis. <i>Cell Research</i> , 2017 , 27, 1115-1127	24.7	404
7	N-methyladenosine (m ⁶ A) recruits and repels proteins to regulate mRNA homeostasis. <i>Nature Structural and Molecular Biology</i> , 2017 , 24, 870-878	17.6	261
6	Conformational Flexibility of a Short Loop near the Active Site of the SARS-3CLpro is Essential to Maintain Catalytic Activity. <i>Scientific Reports</i> , 2016 , 6, 20918	4.9	13
5	A glance at N(6)-methyladenosine in transcript isoforms. <i>Nature Methods</i> , 2016 , 13, 624-5	21.6	1
4	N(6)-methyladenosine Modulates Messenger RNA Translation Efficiency. <i>Cell</i> , 2015 , 161, 1388-99	56.2	1493
3	Design, construction, and characterization of a set of biosensors for aromatic compounds. <i>ACS Synthetic Biology</i> , 2014 , 3, 1011-4	5.7	33
2	In situ electro-sequencing in three-dimensional tissues		4
1	ClusterMap: multi-scale clustering analysis of spatial gene expression		3