Hailing Shi

List of Publications by Citations

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	N(6)-methyladenosine Modulates Messenger RNA Translation Efficiency. *Cell*, **2015**, 161, 1388-99	56.2	1493
33	Recognition of RNA N-methyladenosine by IGF2BP proteins enhances mRNA stability and translation. *Nature Cell Biology*, **2018**, 20, 285-295	23.4	795
32	YTHDF3 facilitates translation and decay of N-methyladenosine-modified RNA. *Cell Research*, **2017**, 27, 315-328	24.7	696
31	mA RNA Methylation Regulates the Self-Renewal and Tumorigenesis of Glioblastoma Stem Cells. *Cell Reports*, **2017**, 18, 2622-2634	10.6	656
30	Where, When, and How: Context-Dependent Functions of RNA Methylation Writers, Readers, and Erasers. *Molecular Cell*, **2019**, 74, 640-650	17.6	511
29	METTL14 Inhibits Hematopoietic Stem/Progenitor Differentiation and Promotes Leukemogenesis via mRNA mA Modification. *Cell Stem Cell*, **2018**, 22, 191-205.e9	18	476
28	Ythdc2 is an N-methyladenosine binding protein that regulates mammalian spermatogenesis. *Cell Research*, **2017**, 27, 1115-1127	24.7	404
27	mA-dependent maternal mRNA clearance facilitates zebrafish maternal-to-zygotic transition. *Nature*, **2017**, 542, 475-478	50.4	293
26	Differential mA, mA, and mA Demethylation Mediated by FTO in the Cell Nucleus and Cytoplasm. *Molecular Cell*, **2018**, 71, 973-985.e5	17.6	289
25	N-methyladenosine (mA) recruits and repels proteins to regulate mRNA homeostasis. *Nature Structural and Molecular Biology*, **2017**, 24, 870-878	17.6	261
24	mA facilitates hippocampus-dependent learning and memory through YTHDF1. *Nature*, **2018**, 563, 249-253.	50.4	208
23	Ythdf2-mediated mA mRNA clearance modulates neural development in mice. *Genome Biology*, **2018**, 19, 69	18.3	129
22	Regulation of Co-transcriptional Pre-mRNA Splicing by mA through the Low-Complexity Protein hnRNPG. *Molecular Cell*, **2019**, 76, 70-81.e9	17.6	124
21	Suppression of mA reader Ythdf2 promotes hematopoietic stem cell expansion. *Cell Research*, **2018**, 28, 904-917	24.7	124
20	mA mRNA methylation controls autophagy and adipogenesis by targeting and. *Autophagy*, **2020**, 16, 1221-1235	10.2	90
19	Mettl14 Is Essential for Epitranscriptomic Regulation of Striatal Function and Learning. *Neuron*, **2018**, 99, 283-292.e5	13.9	71
18	YTHDF3 Induces the Translation of mA-Enriched Gene Transcripts to Promote Breast Cancer Brain Metastasis. *Cancer Cell*, **2020**, 38, 857-871.e7	24.3	70

17	Epitranscriptomic influences on development and disease. *Genome Biology*, **2017**, 18, 197	18.3	64
16	Genetic analyses support the contribution of mRNA N-methyladenosine (mA) modification to human disease heritability. *Nature Genetics*, **2020**, 52, 939-949	36.3	52
15	EGFR/SRC/ERK-stabilized YTHDF2 promotes cholesterol dysregulation and invasive growth of glioblastoma. *Nature Communications*, **2021**, 12, 177	17.4	44
14	The RNA-binding protein FMRP facilitates the nuclear export of -methyladenosine-containing mRNAs. *Journal of Biological Chemistry*, **2019**, 294, 19889-19895	5.4	41
13	Design, construction, and characterization of a set of biosensors for aromatic compounds. *ACS Synthetic Biology*, **2014**, 3, 1011-4	5.7	33
12	mRNA mA plays opposite role in regulating UCP2 and PNPLA2 protein expression in adipocytes. *International Journal of Obesity*, **2018**, 42, 1912-1924	5.5	26
11	Transcriptome-wide reprogramming of N-methyladenosine modification by the mouse microbiome. *Cell Research*, **2019**, 29, 167-170	24.7	19
10	Conformational Flexibility of a Short Loop near the Active Site of the SARS-3CLpro is Essential to Maintain Catalytic Activity. *Scientific Reports*, **2016**, 6, 20918	4.9	13
9	Molecular biology of oral cavity squamous cell carcinoma. *Oral Oncology*, **2020**, 102, 104552	4.4	12
8	Single base resolution mapping of 2W-methylation sites in human mRNA and in 3Wterminal ends of small RNAs. *Methods*, **2019**, 156, 85-90	4.6	10
7	In situelectro-sequencing in three-dimensional tissues		4
6	Exposure to constant light impairs cognition with FTO inhibition and mA-dependent TrB repression in mouse hippocampus. *Environmental Pollution*, **2021**, 283, 117037	9.3	4
5	ClusterMap: multi-scale clustering analysis of spatial gene expression		3
4	Phasing Gene Expression: mRNA N-Methyladenosine Regulates Temporal Progression of Mammalian Cortical Neurogenesis. *Biochemistry*, **2018**, 57, 1055-1056	3.2	2
3	Chemically Modified mocRNAs for Highly Efficient Protein Expression in Mammalian Cells.. *ACS Chemical Biology*, **2022**,	4.9	1
2	A glance at N(6)-methyladenosine in transcript isoforms. *Nature Methods*, **2016**, 13, 624-5	21.6	1
1	m6A facilitates hippocampus-dependent learning and memory through Ythdf1. *FASEB Journal*, **2018**, 32, 787.6	0.9	0