

ALKBH5 promotes invasion and metastasis of gastric cancer cells through the lncRNA NEAT1

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Citation Report

#	ARTICLE	IF	CITATIONS
1	N6-methyladenosine (m6A) RNA modification in gastrointestinal tract cancers: roles, mechanisms, and applications. <i>Molecular Cancer</i> , 2019, 18, 178.	7.9	72
2	ALKBH5-m6A-FOXM1 signaling axis promotes proliferation and invasion of lung adenocarcinoma cells under intermittent hypoxia. <i>Biochemical and Biophysical Research Communications</i> , 2020, 521, 499-506.	1.0	101
3	BMP2 Modified by the m6A Demethylation Enzyme ALKBH5 in the Ossification of the Ligamentum Flavum Through the AKT Signaling Pathway. <i>Calcified Tissue International</i> , 2020, 106, 486-493.	1.5	27
4	Joint analysis of lncRNA m6A methylome and lncRNA/mRNA expression profiles in gastric cancer. <i>Cancer Cell International</i> , 2020, 20, 464.	1.8	22
5	LncRNA PCAT18/miR-301a/TP53INP1 axis is involved in gastric cancer cell viability, migration and invasion. <i>Journal of Biochemistry</i> , 2020, 168, 547-555.	0.9	6
6	Dexmedetomidine Suppressed the Biological Behavior of HK-2 Cells Treated with LPS by Down-Regulating ALKBH5. <i>Inflammation</i> , 2020, 43, 2256-2263.	1.7	25
7	RNA methylations in human cancers. <i>Seminars in Cancer Biology</i> , 2021, 75, 97-115.	4.3	87
8	PTEN, a Barrier for Proliferation and Metastasis of Gastric Cancer Cells: From Molecular Pathways to Targeting and Regulation. <i>Biomedicines</i> , 2020, 8, 264.	1.4	40
9	Crosstalk between RNA m6A Modification and Non-coding RNA Contributes to Cancer Growth and Progression. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 62-71.	2.3	59
10	Novel insights into the interplay between m6A modification and noncoding RNAs in cancer. <i>Molecular Cancer</i> , 2020, 19, 121.	7.9	148
11	Reduced Expression of METTL3 Promotes Metastasis of Triple-Negative Breast Cancer by m6A Methylation-Mediated COL3A1 Up-Regulation. <i>Frontiers in Oncology</i> , 2020, 10, 1126.	1.3	89
12	The biological function of m6A demethylase ALKBH5 and its role in human disease. <i>Cancer Cell International</i> , 2020, 20, 347.	1.8	108
13	To Develop and Validate the Combination of RNA Methylation Regulators for the Prognosis of Patients with Gastric Cancer. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 10785-10795.	1.0	13
14	Emerging roles of RNA methylation in gastrointestinal cancers. <i>Cancer Cell International</i> , 2020, 20, 585.	1.8	65
15	Non-Coding RNAs as Mediators of Epigenetic Changes in Malignancies. <i>Cancers</i> , 2020, 12, 3657.	1.7	64
16	meCLICK-Seq, a Substrate-Hijacking and RNA Degradation Strategy for the Study of RNA Methylation. <i>ACS Central Science</i> , 2020, 6, 2196-2208.	5.3	31
17	RNA m6A Modification in Cancers: Molecular Mechanisms and Potential Clinical Applications. <i>Innovation(China)</i> , 2020, 1, 100066.	5.2	69
18	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.	5.2	225

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19	RNA N6-methyladenosine enzymes and resistance of cancer cells to chemotherapy and radiotherapy. <i>Epigenomics</i> , 2020, 12, 801-809.	1.0	32
20	ALKBH5 promotes the proliferation of renal cell carcinoma by regulating AURKB expression in an m6A-dependent manner. <i>Annals of Translational Medicine</i> , 2020, 8, 646-646.	0.7	53
21	Mechanism of RNA modification N6-methyladenosine in human cancer. <i>Molecular Cancer</i> , 2020, 19, 104.	7.9	184
22	m6A Modification in Coding and Non-coding RNAs: Roles and Therapeutic Implications in Cancer. <i>Cancer Cell</i> , 2020, 37, 270-288.	7.7	688
23	Epigenetic modulations of noncoding RNA: a novel dimension of Cancer biology. <i>Molecular Cancer</i> , 2020, 19, 64.	7.9	69
24	Human and Arabidopsis alpha-ketoglutarate-dependent dioxygenase homolog proteins—New players in important regulatory processes. <i>IUBMB Life</i> , 2020, 72, 1126-1144.	1.5	22
25	The emerging roles of N6-methyladenosine RNA methylation in human cancers. <i>Biomarker Research</i> , 2020, 8, 24.	2.8	31
26	<i>ALKBH5</i> gene polymorphisms and Wilms tumor risk in Chinese children: A five-center case-control study. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23251.	0.9	19
27	N6-methyladenosine ALKBH5 promotes non-small cell lung cancer progress by regulating TIMP3 stability. <i>Gene</i> , 2020, 731, 144348.	1.0	68
28	m6A demethylase ALKBH5 inhibits pancreatic cancer tumorigenesis by decreasing WIF-1 RNA methylation and mediating Wnt signaling. <i>Molecular Cancer</i> , 2020, 19, 3.	7.9	206
29	Long Noncoding RNA NEAT1 Suppresses Proliferation and Promotes Apoptosis of Glioma Cells Via Downregulating MiR-92b. <i>Cancer Control</i> , 2020, 27, 107327481989797.	0.7	21
30	SNGH16 regulates cell autophagy to promote Sorafenib Resistance through suppressing miR-23b via sponging EGR1 in hepatocellular carcinoma. <i>Cancer Medicine</i> , 2020, 9, 4324-4338.	1.3	28
31	Epigenetic N6-methyladenosine modification of RNA and DNA regulates cancer. <i>Cancer Biology and Medicine</i> , 2020, 17, 9-19.	1.4	26
32	VIRMA-Dependent N6-Methyladenosine Modifications Regulate the Expression of Long Non-Coding RNAs CCAT1 and CCAT2 in Prostate Cancer. <i>Cancers</i> , 2020, 12, 771.	1.7	59
33	Developing a risk scoring system based on immune-related lncRNAs for patients with gastric cancer. <i>Bioscience Reports</i> , 2021, 41, .	1.1	6
34	Use of bioinformatic database analysis and specimen verification to identify novel biomarkers predicting gastric cancer metastasis. <i>Journal of Cancer</i> , 2021, 12, 5967-5976.	1.2	6
35	Regulation of Gene Expression Associated With the N6-Methyladenosine (m6A) Enzyme System and Its Significance in Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 623634.	1.3	27
36	Ribonucleotide base-modifying enzymes and diseases. , 2021, , 69-83.		1

#	ARTICLE	IF	CITATIONS
37	ALKBH5-mediated m6A demethylation of FOXM1 mRNA promotes progression of uveal melanoma. <i>Aging</i> , 2021, 13, 4045-4062.	1.4	27
38	LncRNA LIFR-AS1 promotes proliferation and invasion of gastric cancer cell via miR-29a-3p/COL1A2 axis. <i>Cancer Cell International</i> , 2021, 21, 7.	1.8	35
39	The role of m6A, m5C and \hat{m} RNA modifications in cancer: Novel therapeutic opportunities. <i>Molecular Cancer</i> , 2021, 20, 18.	7.9	245
40	m6A RNA methylation regulators were associated with the malignancy and prognosis of ovarian cancer. <i>Bioengineered</i> , 2021, 12, 3159-3176.	1.4	23
41	The non-coding epitranscriptome in cancer. <i>Briefings in Functional Genomics</i> , 2021, 20, 94-105.	1.3	11
42	Methyladenosine Modification in RNAs: Classification and Roles in Gastrointestinal Cancers. <i>Frontiers in Oncology</i> , 2020, 10, 586789.	1.3	14
43	Prognostic and Predictive Value of m6A "Eraser"-Related Gene Signature in Gastric Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 631803.	1.3	15
44	RNA methylation in hematological malignancies and its interactions with other epigenetic modifications. <i>Leukemia</i> , 2021, 35, 1243-1257.	3.3	19
45	ALKBH5 Exacerbates Aortic Dissection by Promoting Inflammatory Response and Apoptosis of Aortic Smooth Muscle Cells via Regulating lnc-TMPO-AS1/EZH2/IRAK4 Signals in an m6A Modification Manner. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-24.	1.9	0
46	M6ADD: a comprehensive database of m ⁶ A modifications in diseases. <i>RNA Biology</i> , 2021, 18, 2354-2362.	1.5	8
47	The epitranscriptome of long noncoding RNAs in metabolic diseases. <i>Clinica Chimica Acta</i> , 2021, 515, 80-89.	0.5	19
48	Molecular Mechanism of 73HOXC-AS1-Activated Wnt β -Catenin Signaling and eIF4AIII in Promoting Progression of Gastric Cancer. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	4
49	NEAT1 siRNA Packed with Chitosan Nanoparticles Regulates the Development of Colon Cancer Cells via lncRNA NEAT1/miR-377-3p Axis. <i>BioMed Research International</i> , 2021, 2021, 1-8.	0.9	8
50	TYMSOS drives the proliferation, migration, and invasion of gastric cancer cells by regulating ZNF703 via sponging miR-4739. <i>Cell Biology International</i> , 2021, 45, 1710-1719.	1.4	20
51	Elucidating the Functions of Non-Coding RNAs from the Perspective of RNA Modifications. <i>Non-coding RNA</i> , 2021, 7, 31.	1.3	8
52	N ⁶ -methyladenosine Steers RNA Metabolism and Regulation in Cancer. <i>Cancer Communications</i> , 2021, 41, 538-559.	3.7	24
53	ALKBH5-mediated m6A demethylation of lncRNA RMRP plays an oncogenic role in lung adenocarcinoma. <i>Mammalian Genome</i> , 2021, 32, 195-203.	1.0	29
54	Changes and relationship of N6-methyladenosine modification and long non-coding RNAs in oxidative damage induced by cadmium in pancreatic β -cells. <i>Toxicology Letters</i> , 2021, 343, 56-66.	0.4	19

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56	m5C-Related lncRNAs Predict Overall Survival of Patients and Regulate the Tumor Immune Microenvironment in Lung Adenocarcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 671821.	1.8	38
57	Potential roles of N6-methyladenosine (m6A) in immune cells. <i>Journal of Translational Medicine</i> , 2021, 19, 251.	1.8	36
58	The Role of Sex-specific Long Non-coding RNAs in Cancer Prevention and Therapy. <i>Journal of Cancer Prevention</i> , 2021, 26, 98-109.	0.8	8
59	Role of m6A in osteoporosis, arthritis and osteosarcoma (Review). <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 926.	0.8	16
60	m6A RNA methylation and beyond – The epigenetic machinery and potential treatment options. <i>Drug Discovery Today</i> , 2021, 26, 2559-2574.	3.2	50
61	Function and clinical significance of N6-methyladenosine in digestive system tumours. <i>Experimental Hematology and Oncology</i> , 2021, 10, 40.	2.0	16
62	The differential diagnosis of pneumonia in two patients infected by atypical pathogens. <i>Future Microbiology</i> , 2021, 16, 769-776.	1.0	0
63	m6A modification of RNA and its role in cancer, with a special focus on lung cancer. <i>Genomics</i> , 2021, 113, 2860-2869.	1.3	19
64	A seven-m6A regulator-related CpG site-based prognostic signature for endometrial carcinoma. <i>Medicine (United States)</i> , 2021, 100, e26648.	0.4	5
65	The m6A Methyltransferase METTL14-Mediated N6-Methyladenosine Modification of PTEN mRNA Inhibits Tumor Growth and Metastasis in Stomach Adenocarcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 699749.	1.3	12
66	The detection and functions of RNA modification m6A based on m6A writers and erasers. <i>Journal of Biological Chemistry</i> , 2021, 297, 100973.	1.6	43
67	Differential analysis of RNA methylation regulators in gastric cancer based on TCGA data set and construction of a prognostic model. <i>Journal of Gastrointestinal Oncology</i> , 2021, 12, 1384-1397.	0.6	12
68	KIAA1429 and ALKBH5 Oppositely Influence Aortic Dissection Progression via Regulating the Maturation of Pri-miR-143-3p in an m6A-Dependent Manner. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 668377.	1.8	10
69	Integrative Analysis Reveals Potentially Functional N6-Methyladenosine-Related Long Noncoding RNAs in Colon Adenocarcinoma. <i>Frontiers in Genetics</i> , 2021, 12, 739344.	1.1	4
70	Deregulation of N6-Methyladenosine RNA Modification and Its Erasers FTO/ALKBH5 among the Main Renal Cell Tumor Subtypes. <i>Journal of Personalized Medicine</i> , 2021, 11, 996.	1.1	20
71	Long non-coding RNAs as a predictive markers of group 3 medulloblastomas. <i>Neurological Research</i> , 2022, 44, 232-241.	0.6	5
72	Emerging Roles of N6-Methyladenosine Demethylases and Its Interaction with Environmental Toxicants in Digestive System Cancers. <i>Cancer Management and Research</i> , 2021, Volume 13, 7101-7114.	0.9	3
73	N6-Methyladenosine and Rheumatoid Arthritis: A Comprehensive Review. <i>Frontiers in Immunology</i> , 2021, 12, 731842.	2.2	18

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74	Structural Insights Into m6A-Erasers: A Step Toward Understanding Molecule Specificity and Potential Antiviral Targeting. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 587108.	1.8	9
75	Prognostic Value of lncRNA NEAT1 as a New Biomarker in Digestive System Tumors: a Systematic Study and Meta-analysis. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 91-99.	1.5	2
76	m(6)A mRNA Methylation Regulates Ferroptosis in HPSCC by Targeting NFE2L2/NRF2. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
77	Targeted point mutations of the m6A modification in miR675 using RNA-guided base editing induce cell apoptosis. <i>Bioscience Reports</i> , 2020, 40, .	1.1	7
78	Clinical and prognostic pan-cancer analysis of m6A RNA methylation regulators in four types of endocrine system tumors. <i>Aging</i> , 2020, 12, 23931-23944.	1.4	31
79	The m6A RNA Demethylase ALKBH5 Promotes Radioresistance and Invasion Capability of Glioma Stem Cells. <i>Cancers</i> , 2021, 13, 40.	1.7	59
80	Long noncoding RNAs in gastric cancer: From molecular dissection to clinical application. <i>World Journal of Gastroenterology</i> , 2020, 26, 3401-3412.	1.4	35
81	N6-methyladenine RNA modification and cancer (Review). <i>Oncology Letters</i> , 2020, 20, 1504-1512.	0.8	25
82	Prediction and prognostic significance of ALOX12B and PACSIN1 expression in gastric cancer by genome-wide RNA expression and methylation analysis. <i>Journal of Gastrointestinal Oncology</i> , 2021, 12, 2082-2092.	0.6	3
83	Knockdown of METTL14 suppresses the malignant progression of non-small cell lung cancer by reducing Twist expression. <i>Oncology Letters</i> , 2021, 22, 847.	0.8	15
84	N6-Methyladenosine-Sculpted Regulatory Landscape of Noncoding RNA. <i>Frontiers in Oncology</i> , 2021, 11, 743990.	1.3	6
85	The Role of Long Non-coding RNA, Nuclear Enriched Abundant Transcript 1 (NEAT1) in Cancer and Other Pathologies. <i>Biochemical Genetics</i> , 2022, 60, 843-867.	0.8	5
86	Role of RNA modification in gastrointestinal tumors. <i>World Chinese Journal of Digestology</i> , 2021, 29, 1179-1185.	0.0	0
87	LncRNA NEAT1/miR-204/NUAK1 Axis is a Potential Therapeutic Target for Non-Small Cell Lung Cancer. <i>Cancer Management and Research</i> , 2020, Volume 12, 13357-13368.	0.9	10
88	Development and validation of a three-long noncoding RNA signature for predicting prognosis of patients with gastric cancer. <i>World Journal of Gastroenterology</i> , 2020, 26, 6929-6944.	1.4	4
89	ALKBH5 promotes colon cancer progression by decreasing methylation of the lncRNA NEAT1. <i>American Journal of Translational Research (discontinued)</i> , 2020, 12, 4542-4549.	0.0	22
90	RNA m6A methylation regulators in ovarian cancer. <i>Cancer Cell International</i> , 2021, 21, 609.	1.8	27
91	Function of N6-Methyladenosine Modification in Tumors. <i>Journal of Oncology</i> , 2021, 2021, 1-10.	0.6	45

#	ARTICLE	IF	CITATIONS
92	Silencing lncRNA NEAT1 reduces nonalcoholic fatty liver fat deposition by regulating the miR-139-5p/c-Jun/SREBP-1c pathway. <i>Annals of Hepatology</i> , 2022, 27, 100584.	0.6	12
93	Dynamic m6A-ncRNAs association and their impact on cancer pathogenesis, immune regulation and therapeutic response. <i>Genes and Diseases</i> , 2023, 10, 135-150.	1.5	5
94	ALKBH5-mediated m6A modification of lncRNA KCNQ1OT1 triggers the development of LSCC via upregulation of HOXA9. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 385-398.	1.6	22
95	ALKBH5-mediated m6A demethylation of KCNK15-AS1 inhibits pancreatic cancer progression via regulating KCNK15 and PTEN/AKT signaling. <i>Cell Death and Disease</i> , 2021, 12, 1121.	2.7	33
96	The expression of m6A regulators correlated with the immune microenvironment plays an important role in the prognosis of pancreatic ductal adenocarcinoma. <i>Gland Surgery</i> , 2022, 11, 147-165.	0.5	5
97	Expression of lncRNA NEAT1 in endometriosis and its biological functions in ectopic endometrial cells as mediated via miR-124-3p. <i>Genes and Genomics</i> , 2022, 44, 527-537.	0.5	6
98	Detailed resume of RNA m6A demethylases. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2193-2205.	5.7	26
99	Analysis of N6-Methyladenosine Methylome in Adenocarcinoma of Esophagogastric Junction. <i>Frontiers in Genetics</i> , 2021, 12, 787800.	1.1	1
100	The Interaction Between N6-Methyladenosine Modification and Non-Coding RNAs in Gastrointestinal Tract Cancers. <i>Frontiers in Oncology</i> , 2021, 11, 784127.	1.3	7
101	RNA demethylase ALKBH5 in cancer: from mechanisms to therapeutic potential. <i>Journal of Hematology and Oncology</i> , 2022, 15, 8.	6.9	62
102	Advances in the functional roles of N6-methyladenosine modification in cancer progression: mechanisms and clinical implications. <i>Molecular Biology Reports</i> , 2022, 49, 4929-4941.	1.0	3
103	m6A-mRNA Methylation Regulates Gene Expression and Programmable m6A Modification of Cellular RNAs With CRISPR-Cas13b in Renal Cell Carcinoma. <i>Frontiers in Genetics</i> , 2021, 12, 795611.	1.1	5
104	Downregulation of lncRNA NEAT1 inhibits the proliferation of human cutaneous squamous cell carcinoma in vivo and in vitro. <i>Annals of Translational Medicine</i> , 2022, 10, 79-79.	0.7	5
105	Emerging Roles of m6A RNA Methylation Regulators in Gynecological Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 827956.	1.3	16
106	Demethylase ALKBH5 suppresses invasion of gastric cancer via PKMYT1 m6A modification. <i>Molecular Cancer</i> , 2022, 21, 34.	7.9	76
107	Involvement of N6-methyladenosine modifications of long noncoding RNAs in systemic lupus erythematosus. <i>Molecular Immunology</i> , 2022, 143, 77-84.	1.0	13
108	Characterization of the prognostic and diagnostic values of ALKBH family members in non-small cell lung cancer. <i>Pathology Research and Practice</i> , 2022, 231, 153809.	1.0	6
109	m6A modification: recent advances, anticancer targeted drug discovery and beyond. <i>Molecular Cancer</i> , 2022, 21, 52.	7.9	138

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110	ALKBH5 promotes the progression of infantile hemangioma through regulating the NEAT1/miR-378b/FOSL1 axis. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 1527-1540.	1.4	5
111	RNA-binding proteins and cancer metastasis. <i>Seminars in Cancer Biology</i> , 2022, 86, 748-768.	4.3	41
112	ALKBH5 promotes lung fibroblast activation and silica-induced pulmonary fibrosis through miR-320a-3p and FOXM1. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 26.	2.7	29
113	RNA demethylase ALKBH5 inhibits TGF β -induced EMT by regulating TGF β /SMAD signaling in non-small cell lung cancer. <i>FASEB Journal</i> , 2022, 36, e22283.	0.2	22
114	Prognostic Value of Genomic Instability of m6A-Related lncRNAs in Lung Adenocarcinoma. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 707405.	1.8	2
115	The long and short non-coding RNAs modulating EZH2 signaling in cancer. <i>Journal of Hematology and Oncology</i> , 2022, 15, 18.	6.9	89
116	Identification of RNA Methylation-Related lncRNAs Signature for Predicting Hot and Cold Tumors and Prognosis in Colon Cancer. <i>Frontiers in Genetics</i> , 2022, 13, 870945.	1.1	10
117	Identification of Prognostic Markers of N6-Methyladenosine-Related Noncoding RNAs in Non-Small-Cell Lung Cancer. <i>Journal of Oncology</i> , 2022, 2022, 1-15.	0.6	2
118	Identification of Five N6-Methyladenosine-Related ncRNA Signatures to Predict the Overall Survival of Patients with Gastric Cancer. <i>Disease Markers</i> , 2022, 2022, 1-14.	0.6	2
119	The N6-methyladenosine:mechanisms, diagnostic value, immunotherapy prospects and challenges in gastric cancer. <i>Experimental Cell Research</i> , 2022, 415, 113115.	1.2	8
120	Non-Coding RNA m6A Modification in Cancer: Mechanisms and Therapeutic Targets. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 778582.	1.8	25
121	The Potential Role of m6A RNA Methylation in the Aging Process and Aging-Associated Diseases. <i>Frontiers in Genetics</i> , 2022, 13, 869950.	1.1	19
125	Mechanism of miR-340-5p in laryngeal cancer cell proliferation and invasion through the lncRNA NEAT1/MMP11 axis. <i>Pathology Research and Practice</i> , 2022, , 153912.	1.0	3
126	Role of main RNA modifications in cancer: N6-methyladenosine, 5-methylcytosine, and pseudouridine. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 142.	7.1	62
127	Lens Epithelium Cell Ferroptosis Mediated with N6-Methyladenosine-Modified lncRNA and GPX4 Expression in Lens Tissue of Age-Related Cataract. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
129	Recent Advances of m6A Demethylases Inhibitors and Their Biological Functions in Human Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5815.	1.8	25
130	Emerging Regulatory Mechanisms of N6-Methyladenosine Modification in Cancer Metastasis. <i>Phenomics</i> , 2023, 3, 83-100.	0.9	9
131	Exosome-mediated lncRNA SND1-IT1 from gastric cancer cells enhances malignant transformation of gastric mucosa cells via up-regulating SNAIL1. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	10

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132	Emerging roles for lncRNA-NEAT1 in colorectal cancer. <i>Cancer Cell International</i> , 2022, 22, .	1.8	21
133	Novel insights into m ⁶ A modification of coding and non-coding RNAs in tumor biology: From molecular mechanisms to therapeutic significance. <i>International Journal of Biological Sciences</i> , 2022, 18, 4432-4451.	2.6	13
134	RNA demethylase ALKBH5 regulates hypopharyngeal squamous cell carcinoma ferroptosis by posttranscriptionally activating NFE2L2/NRF2 in an m ⁶ A-dependent manner. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, .	0.9	15
135	Progress and application of epitranscriptomic m ⁶ A modification in gastric cancer. <i>RNA Biology</i> , 2022, 19, 885-896.	1.5	5
136	Role of m6A writers, erasers and readers in cancer. <i>Experimental Hematology and Oncology</i> , 2022, 11, .	2.0	49
137	M6A-related lncRNAs predict clinical outcome and regulate the tumor immune microenvironment in hepatocellular carcinoma. <i>BMC Cancer</i> , 2022, 22, .	1.1	6
138	RNA Modifications in Gastrointestinal Cancer: Current Status and Future Perspectives. <i>Biomedicines</i> , 2022, 10, 1918.	1.4	5
140	m6A modification-mediated lncRNA TP53TG1 inhibits gastric cancer progression by regulating CIP2A stability. <i>Cancer Science</i> , 2022, 113, 4135-4150.	1.7	17
141	A high-throughput approach to predict A-to-G effects on RNA structure indicates a change of double-stranded content in noncoding RNAs. <i>IUBMB Life</i> , 2023, 75, 411-426.	1.5	2
143	Emerging role of oncogenic long noncoding RNA as cancer biomarkers. <i>International Journal of Cancer</i> , 2023, 152, 822-834.	2.3	14
144	ALKBH5 inhibits thyroid cancer progression by promoting ferroptosis through TIAM1-Nrf2/HO-1 axis. <i>Molecular and Cellular Biochemistry</i> , 2023, 478, 729-741.	1.4	14
145	Epigenetic Regulation of Methylation in Determining the Fate of Dental Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2022, 2022, 1-19.	1.2	2
146	Integrated Analyses of m6A Regulator-Based Signature on Its Clinical Application and Immunogenomic Landscape in Stomach Adenocarcinoma. <i>BioMed Research International</i> , 2022, 2022, 1-20.	0.9	0
147	Novel insight into the functions of N ⁶ -methyladenosine modified lncRNAs in cancers (Review). <i>International Journal of Oncology</i> , 2022, 61, .	1.4	6
148	Emerging role of N6-methyladenosine RNA methylation in lung diseases. <i>Experimental Biology and Medicine</i> , 2022, 247, 1862-1872.	1.1	4
149	Progress of m6A Methylation in Lipid Metabolism in Humans and Animals. <i>Agriculture (Switzerland)</i> , 2022, 12, 1683.	1.4	2
151	Translational Regulation by eIFs and RNA Modifications in Cancer. <i>Genes</i> , 2022, 13, 2050.	1.0	4
152	M7G-Related lncRNAs predict prognosis and regulate the immune microenvironment in lung squamous cell carcinoma. <i>BMC Cancer</i> , 2022, 22, .	1.1	3

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153	The RNA demethylase ALKBH5 promotes the progression and angiogenesis of lung cancer by regulating the stability of the lncRNA PVT1. <i>Cancer Cell International</i> , 2022, 22, .	1.8	14
154	A study of RNA m6A demethylases in oral epithelial dysplasia and oral squamous cell carcinoma. <i>Journal of Oral Biology and Craniofacial Research</i> , 2023, 13, 111-116.	0.8	0
155	The regulatory role of N6-methyladenosine RNA modification in gastric cancer: Molecular mechanisms and potential therapeutic targets. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2
156	Biological and pharmacological roles of m6A modifications in cancer drug resistance. <i>Molecular Cancer</i> , 2022, 21, .	7.9	23
157	<scp>ALKBH5</scp> involves in osteosarcoma tumor progression by mediating Notch signaling. <i>Precision Medical Sciences</i> , 2023, 12, 29-36.	0.1	1
158	Identification and validation of signature for prognosis and immune microenvironment in gastric cancer based on m6A demethylase ALKBH5. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
159	Heavy Ion-Responsive lncRNA EBLN3P Functions in the Radiosensitization of Non-Small Cell Lung Cancer Cells Mediated by TNPO1. <i>Cancers</i> , 2023, 15, 511.	1.7	3
160	Novel Insights into The Roles of N ⁶ -methyladenosine (m ⁶ A) Modification and Autophagy in Human Diseases. <i>International Journal of Biological Sciences</i> , 2023, 19, 705-720.	2.6	6
161	N6-methyladenosine in macrophage function: a novel target for metabolic diseases. <i>Trends in Endocrinology and Metabolism</i> , 2023, 34, 66-84.	3.1	11
162	The landscape of m6A regulators in esophageal cancer: molecular characteristics, immuno-oncology features, and clinical relevance. <i>Annals of Translational Medicine</i> , 2022, 10, 1347-1347.	0.7	1
164	Emerging role of interaction between m6A and main ncRNAs in gastrointestinal (GI) cancers. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	0
165	Targeting RNA N6-methyladenosine to synergize with immune checkpoint therapy. <i>Molecular Cancer</i> , 2023, 22, .	7.9	9
166	The roles of N6-methyladenosine and its target regulatory noncoding RNAs in tumors: classification, mechanisms, and potential therapeutic implications. <i>Experimental and Molecular Medicine</i> , 2023, 55, 487-501.	3.2	5
167	LINC00659 cooperated with ALKBH5 to accelerate gastric cancer progression by stabilising JAK1 mRNA in an m ⁶ A-dependent manner. <i>Clinical and Translational Medicine</i> , 2023, 13, .	1.7	7
168	Mutual interaction of lncRNAs and epigenetics: focusing on cancer. <i>Egyptian Journal of Medical Human Genetics</i> , 2023, 24, .	0.5	1
169	The role of demethylase AlkB homologs in cancer. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	2
183	Role of N6-methyladenosine RNA modification in gastric cancer. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	0
202	Recent Advances in RNA m6A Modification in Solid Tumors and Tumor Immunity. <i>Cancer Treatment and Research</i> , 2023, , 95-142.	0.2	0

#	ARTICLE	IF	CITATIONS
209	Emerging role of RNA modification and long noncoding RNA interaction in cancer. Cancer Gene Therapy, 0, , .	2.2	0