

Chuan He

List of Articles by Year in descending order

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632

PR articles

97,976

PR citations

126

147

PR h-index

207

299

g-index

695

documents

113590

doc citations

159

154

h-index

78365

citing authors

#	ARTICLE	IF	CITATIONS
1	LAMP-MS for Locus-Specific Visual Quantification of DNA 5mC and RNA m ⁶ A Using Ultra-Low Input. <i>Angewandte Chemie - International Edition</i> , 2025, 64, .	14.4	2
2	LAMP-MS for Locus-Specific Visual Quantification of DNA 5mC and RNA m ⁶ A Using Ultra-Low Input. <i>Angewandte Chemie</i> , 2025, 137, .	1.4	0
3	Epigenomic exploration of disease status of <i>EGFR</i> -mutated non-small cell lung cancer using plasma cell-free DNA hydroxymethylomes. <i>Cancer Communications</i> , 2025, 45, 51-55.	11.6	0
4	Discriminators of Paraclinoid Aneurysm Rupture Based On Morphological Computer-Assisted Semiautomated Measurement (CASAM) and Hemodynamic Analysis. <i>Clinical Neuroradiology</i> , 2025, 35, 269-278.	1.7	1
5	Quantitative RNA pseudouridine maps reveal multilayered translation control through plant rRNA, tRNA and mRNA pseudouridylation. <i>Nature Plants</i> , 2025, 11, 234-247.	11.4	11
6	Divergent roles of m6A in orchestrating brown and white adipocyte transcriptomes and systemic metabolism. <i>Nature Communications</i> , 2025, 16, .	13.7	12
7	Quercetin-Driven <i>Akkermansia Muciniphila</i> Alleviates Obesity by Modulating Bile Acid Metabolism via an ILA/m ⁶ A/CYP8B1 Signaling. <i>Advanced Science</i> , 2025, 12, .	12.6	26
8	Clinical, genomic, and histopathologic diversity in cerebral cavernous malformations. <i>Acta Neuropathologica Communications</i> , 2025, 13, .	5.0	3
9	5-hydroxymethylcytosine features of portal venous blood predict metachronous liver metastases of colorectal cancer and reveal phosphodiesterase 4 as a therapeutic target. <i>Clinical and Translational Medicine</i> , 2025, 15, .	5.5	3
10	m6A deficiency impairs hypothalamic neurogenesis of feeding-related neurons in mice and human organoids and leads to adult obesity in mice. <i>Cell Stem Cell</i> , 2025, 32, 727-743.e8.	16.4	6
11	The landscape of N6-methyladenosine in localized primary prostate cancer. <i>Nature Genetics</i> , 2025, 57, 934-948.	25.2	11
12	Small-molecule-catalysed deamination enables transcriptome-wide profiling of N6-methyladenosine in RNA. <i>Nature Chemistry</i> , 2025, 17, 1042-1052.	18.8	13
13	The motor neuron m6A repertoire governs neuronal homeostasis and FTO inhibition mitigates ALS symptom manifestation. <i>Nature Communications</i> , 2025, 16, .	13.7	5
14	Radiation-induced amphiregulin drives tumour metastasis. <i>Nature</i> , 2025, 643, 810-819.	37.9	36
15	YTHDFs as radiotherapy checkpoints in tumor immunity. <i>Journal of Experimental Medicine</i> , 2025, 222, .	9.2	1
16	N6-methyladenosine reader YTHDF3-mediated CEBPA translation maintains genomic stability and stem cell function to prevent liver injury. <i>Science China Life Sciences</i> , 2025, 68, 2456-2471.	6.7	2
17	Inflammation-related 5-hydroxymethylation signatures as markers for clinical presentations of coronary artery disease. <i>Cardiovascular Diabetology</i> , 2025, 24, .	9.4	0
18	Recessive epistasis of a synonymous mutation confers cucumber domestication through epitranscriptomic regulation. <i>Cell</i> , 2025, 188, 4517-4529.e15.	33.7	9

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19	FTO degrader impairs ribosome biogenesis and protein translation in acute myeloid leukemia. <i>Science Advances</i> , 2025, 11, .	10.9	5
20	Occurrence of fatal vertebrobasilar dolichoectasia after occlusion of unilateral internal carotid artery. <i>BMC Neurology</i> , 2025, 25, .	1.9	0
21	Role of optical coherence tomography in pipeline embolization device for the treatment of vertebralâ€basilar artery dissecting aneurysms. <i>Journal of NeuroInterventional Surgery</i> , 2024, 16, 308-312.	3.1	3
22	Clinical features, treatment strategies and outcomes of craniocervical junction arteriovenous fistulas: a cohort study of 193 patients. <i>Stroke and Vascular Neurology</i> , 2024, 9, 18-29.	11.1	11
23	A Quantitative Sequencing Method for 5â€Formylcytosine in RNA. <i>Israel Journal of Chemistry</i> , 2024, 64, .	2.0	8
24	Adrenergic and mesenchymal signatures are identifiable in cellâ€free DNA and correlate with metastatic disease burden in children with neuroblastoma. <i>Pediatric Blood and Cancer</i> , 2024, 71, .	1.3	10
25	Inhibition of YTHDF1 by salvianolic acid overcomes gluten-induced intestinal inflammation. <i>Gut</i> , 2024, 73, 1590-1592.	16.8	10
26	A Highly Sensitive and Specific Nonâ€Invasive Test through Genomeâ€Wide 5â€Hydroxymethylation Mapping for Early Detection of Lung Cancer. <i>Small Methods</i> , 2024, 8, .	9.0	17
27	Comparison of transcriptome-wide <i>N</i>6-methyladenosine profiles from healthy trio families reveals regulator-mediated methylation alterations. <i>Genetics</i> , 2024, 226, .	4.2	0
28	Base-Resolution Sequencing Methods for Whole-Transcriptome Quantification of mRNA Modifications. <i>Accounts of Chemical Research</i> , 2024, 57, 47-58.	17.0	29
29	The rise of epitranscriptomics: recent developments and future directions. <i>Trends in Pharmacological Sciences</i> , 2024, 45, 24-38.	11.4	67
30	The Molecular Basis of Human ALKBH3 Mediated RNA <i>N</i>^{<i>1</i>}â€methyladenosine (m¹A) Demethylation. <i>Angewandte Chemie</i> , 2024, 136, .	1.4	0
31	The Molecular Basis of Human ALKBH3 Mediated RNA <i>N</i>^{<i>1</i>}â€methyladenosine (m¹A) Demethylation. <i>Angewandte Chemie - International Edition</i> , 2024, 63, .	14.4	17
32	Bromodomain-Containing Protein 9 Regulates Signaling Pathways and Reprograms the Epigenome in Immortalized Human Uterine Fibroid Cells. <i>International Journal of Molecular Sciences</i> , 2024, 25, 905.	4.4	6
33	KARR-seq reveals cellular higher-order RNA structures and RNAâ€RNA interactions. <i>Nature Biotechnology</i> , 2024, 42, 1909-1920.	29.8	36
34	Ultrafast bisulfite sequencing detection of 5-methylcytosine in DNA and RNA. <i>Nature Biotechnology</i> , 2024, 42, 1559-1570.	29.8	110
35	Profiling of RNA-binding protein binding sites by in situ reverse transcription-based sequencing. <i>Nature Methods</i> , 2024, 21, 247-258.	24.6	26
36	Sequencing of N6-methyl-deoxyadenosine at single-base resolution across the mammalian genome. <i>Molecular Cell</i> , 2024, 84, 596-610.e6.	13.3	15

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37	Safety and Efficacy of Low-Profile Braided Stents versus Flow Diverters in the Reconstructive Technique in the Treatment of Patients with Vertebrobasilar Dolichoectasia Aneurysms: A Cohort of 47 Patients with Long-Term Follow-Up. <i>American Journal of Neuroradiology</i> , 2024, 45, 176-182.	2.6	6
38	5-Hydroxymethylcytosine signals in serum are a predictor of chemoresistance in high-grade serous ovarian cancer. <i>Gynecologic Oncology</i> , 2024, 182, 82-90.	3.0	8
39	Risk factors of unruptured intracranial aneurysms instability in the elderly. <i>Acta Neurochirurgica</i> , 2024, 166, .	1.5	0
40	Cell-Free DNA 5-Hydroxymethylcytosine Signatures for Lung Cancer Prognosis. <i>Cells</i> , 2024, 13, 298.	4.7	7
41	Zebrafish Mbd5 binds to RNA m5C and regulates histone deubiquitylation and gene expression in development metabolism and behavior. <i>Nucleic Acids Research</i> , 2024, 52, 4257-4275.	15.5	8
42	Redox regulation of m6A methyltransferase METTL3 in β 2-cells controls the innate immune response in type 1 diabetes. <i>Nature Cell Biology</i> , 2024, 26, 421-437.	16.3	36
43	Angioarchitecture Classification and Treatment Modalities of Craniocervical Junction Arteriovenous Fistulas: A Cohort Study of 155 Patients. <i>Neurosurgery</i> , 2024, 95, 692-701.	2.0	2
44	Revealing the nature of Pt-based immunotherapy through the lens of neoantigens in cancer. <i>Science Bulletin</i> , 2024, 69, 2314-2318.	9.5	3
45	A fine-scale Arabidopsis chromatin landscape reveals chromatin conformation-associated transcriptional dynamics. <i>Nature Communications</i> , 2024, 15, .	13.7	17
46	5-Hydroxymethylcytosine in Cell-Free DNA Predicts Immunotherapy Response in Lung Cancer. <i>Cells</i> , 2024, 13, 715.	4.7	7
47	G-Clamp Heterocycle Modification Containing Interstrand Photo-Cross-Linker to Capture Intracellular MicroRNA Targets. <i>Journal of the American Chemical Society</i> , 2024, 146, 12778-12789.	15.0	9
48	Targeting the Dendritic Cell-Secreted Immunoregulatory Cytokine CCL22 Alleviates Radioresistance. <i>Clinical Cancer Research</i> , 2024, 30, 4450-4463.	6.8	7
49	Quantitative profiling of m6A at single base resolution across the life cycle of rice and Arabidopsis. <i>Nature Communications</i> , 2024, 15, .	13.7	33
50	LABS: linear amplification-based bisulfite sequencing for ultrasensitive cancer detection from cell-free DNA. <i>Genome Biology</i> , 2024, 25, .	8.1	7
51	A 5-Hydroxymethylcytosine-Based Noninvasive Model for Early Detection of Colorectal Carcinomas and Advanced Adenomas: The METHOD-2 Study. <i>Clinical Cancer Research</i> , 2024, 30, 3337-3348.	6.8	8
52	The tumor-intrinsic role of the m ⁶ A reader YTHDF2 in regulating immune evasion. <i>Science Immunology</i> , 2024, 9, .	13.4	46
53	Epitranscriptomic reader YTHDF2 regulates SEK1(MAP2K4)-JNK-cJUN inflammatory signaling in astrocytes during neurotoxic stress. <i>IScience</i> , 2024, 27, 110619.	3.6	4
54	Characterizing Relationships between T-cell Inflammation and Outcomes in Patients with High-Risk Neuroblastoma According to Mesenchymal and Adrenergic Signatures. <i>Cancer Research Communications</i> , 2024, 4, 2255-2266.	2.8	2

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55	m ⁶ A modification plays an integral role in mRNA stability and translation during pattern-triggered immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.5	20
56	Quantitative analysis of cis-regulatory elements in transcription with KAS-ATAC-seq. <i>Nature Communications</i> , 2024, 15, .	13.7	4
57	Pseudouridine Detection and Quantification Using Bisulfite Incorporation Hindered Ligation. <i>ACS Chemical Biology</i> , 2024, 19, 1813-1819.	3.7	8
58	PTPN2 copper-sensing relays copper level fluctuations into EGFR/CREB activation and associated CTR1 transcriptional repression. <i>Nature Communications</i> , 2024, 15, .	13.7	6
59	RNA interacts with topoisomerase I to adjust DNA topology. <i>Molecular Cell</i> , 2024, 84, 3192-3208.e11.	13.3	15
60	IGF2BP3 promotes mRNA degradation through internal m7G modification. <i>Nature Communications</i> , 2024, 15, .	13.7	44
61	m6A mRNA methylation in brown fat regulates systemic insulin sensitivity via an inter-organ prostaglandin signaling axis independent of UCP1. <i>Cell Metabolism</i> , 2024, 36, 2207-2227.e9.	25.2	17
62	m6A mRNA methylation by METTL14 regulates early pancreatic cell differentiation. <i>EMBO Journal</i> , 2024, 43, 5445-5468.	7.3	5
63	RNA m5C oxidation by TET2 regulates chromatin state and leukaemogenesis. <i>Nature</i> , 2024, 634, 986-994.	37.9	56
64	Epitranscriptomic m ⁶ A modifications during reactivation of HIV-1 latency in CD4 ⁺ T cells. <i>MBio</i> , 2024, 15, .	4.4	15
65	Dynamics of RNA localization to nuclear speckles are connected to splicing efficiency. <i>Science Advances</i> , 2024, 10, .	10.9	42
66	Elucidating epigenetic landscape of gastric premalignant lesions through genome-wide mapping of 5-hydroxymethylcytosines: A 12-year median follow-up study. <i>Clinical and Translational Medicine</i> , 2024, 14, .	5.5	3
67	Targeting DTX2/UFD1-mediated FTO degradation to regulate antitumor immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.5	4
68	Clinical features and outcomes of perimedullary arteriovenous fistulas: comparison between micro- and macro-type lesions. <i>Journal of NeuroInterventional Surgery</i> , 2023, 15, 821-827.	3.1	0
69	New horizons of regulatory RNA. <i>Fundamental Research</i> , 2023, 3, 760-762.	3.8	2
70	Transcriptome-wide profiling and quantification of N6-methyladenosine by enzyme-assisted adenosine deamination. <i>Nature Biotechnology</i> , 2023, 41, 993-1003.	29.8	175
71	Analysis of the wall thickness of intracranial aneurysms: Can computational fluid dynamics detect the translucent areas of saccular intracranial aneurysms and predict the rupture risk preoperatively?. <i>Frontiers in Neurology</i> , 2023, 13, .	2.4	3
72	Arteriovenous fistulas in the craniocervical junction region: With vs. without spinal arterial feeders. <i>Frontiers in Surgery</i> , 2023, 9, .	1.5	7

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73	YTHDF2 orchestrates tumor-associated macrophage reprogramming and controls antitumor immunity through CD8 ⁺ T cells. <i>Nature Immunology</i> , 2023, 24, 255-266.	23.6	185
74	Exon architecture controls mRNA m ⁶ A suppression and gene expression. <i>Science</i> , 2023, 379, 677-682.	36.2	193
75	Asymmetric Total Synthesis of (+)-Phainanoid A and Biological Evaluation of the Natural Product and Its Synthetic Analogues. <i>Journal of the American Chemical Society</i> , 2023, 145, 4828-4852.	15.0	23
76	High diagnostic performance of time-resolved MR angiography in spinal arteriovenous shunts. <i>European Journal of Radiology</i> , 2023, 161, 110755.	2.9	2
77	Advances in targeting RNA modifications for anticancer therapy. <i>Trends in Cancer</i> , 2023, 9, 528-542.	10.4	45
78	Genome-Wide Mapping Implicates 5-Hydroxymethylcytosines in Diabetes Mellitus and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2023, 93, 1135-1151.	2.6	9
79	PETCH-DB: a Portal for Exploring Tissue-specific and Complex disease-associated 5-Hydroxymethylcytosines. <i>Database: the Journal of Biological Databases and Curation</i> , 2023, 2023, .	2.7	7
80	Classification of Acute Myeloid Leukemia by Cell-Free DNA 5-Hydroxymethylcytosine. <i>Genes</i> , 2023, 14, 1180.	2.5	8
81	Nm-Mut-seq: a base-resolution quantitative method for mapping transcriptome-wide 2 ^{â€²} -O-methylation. <i>Cell Research</i> , 2023, 33, 727-730.	12.4	31
82	Clinical, 3D Morphological, and Hemodynamic Risk Factors for Instability of Unruptured Intracranial Aneurysms. <i>Clinical Neuroradiology</i> , 2023, 33, 1133-1142.	1.7	8
83	YTHDF2 m ⁶ A/NF- κ B axis controls anti-tumor immunity by regulating intratumoral Tregs. <i>EMBO Journal</i> , 2023, 42, .	7.3	51
84	Globally reduced N6-methyladenosine (m6A) in C9ORF72-ALS/FTD dysregulates RNA metabolism and contributes to neurodegeneration. <i>Nature Neuroscience</i> , 2023, 26, 1328-1338.	17.0	54
85	Case report: A novel biallelic <i>FTO</i> variant causing multisystem anomalies with severe epilepsy, widening the spectrum of <i>FTO</i> syndrome. <i>SAGE Open Medical Case Reports</i> , 2023, 11, .	0.5	3
86	RBFOX2 recognizes N6-methyladenosine to suppress transcription and block myeloid leukaemia differentiation. <i>Nature Cell Biology</i> , 2023, 25, 1359-1368.	16.3	78
87	CSTF2 mediated mRNA N6-methyladenosine modification drives pancreatic ductal adenocarcinoma m6A subtypes. <i>Nature Communications</i> , 2023, 14, .	13.7	21
88	Synapse-Enriched m ⁶ A-Modified Malat1 Interacts with the Novel m ⁶ A Reader, DPYSL2, and Is Required for Fear-Extinction Memory. <i>Journal of Neuroscience</i> , 2023, 43, 7084-7100.	3.7	27
89	KAS-Analyzer: a novel computational framework for exploring KAS-seq data. <i>Bioinformatics Advances</i> , 2023, 3, .	2.4	6
90	O-GlcNAcylation determines the translational regulation and phase separation of YTHDF proteins. <i>Nature Cell Biology</i> , 2023, 25, 1676-1690.	16.3	79

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91	Fear extinction is regulated by the activity of long noncoding RNAs at the synapse. <i>Nature Communications</i> , 2023, 14, .	13.7	28
92	BID-seq for transcriptome-wide quantitative sequencing of mRNA pseudouridine at base resolution. <i>Nature Protocols</i> , 2023, 19, 517-538.	14.4	29
93	Trans-vaccenic acid reprograms CD8+ T cells and anti-tumour immunity. <i>Nature</i> , 2023, 623, 1034-1043.	37.9	103
94	Chemical Proteomic Discovery of Isotype-Selective Covalent Inhibitors of the RNA Methyltransferase NSUN2. <i>Angewandte Chemie</i> , 2023, 135, .	1.4	0
95	Chemical Proteomic Discovery of Isotype-Selective Covalent Inhibitors of the RNA Methyltransferase NSUN2. <i>Angewandte Chemie - International Edition</i> , 2023, 62, .	14.4	49
96	EGFR promotes ALKBH5 nuclear retention to attenuate N6-methyladenosine and protect against ferroptosis in glioblastoma. <i>Molecular Cell</i> , 2023, 83, 4334-4351.e7.	13.3	52
97	Analysis of genome-wide 5-hydroxymethylation of blood samples stored in different anticoagulants: opportunities for the expansion of clinical resources for epigenetic research. <i>Epigenetics</i> , 2023, 18, .	3.0	3
98	FMRP phosphorylation modulates neuronal translation through YTHDF1. <i>Molecular Cell</i> , 2023, 83, 4304-4317.e8.	13.3	66
99	Light-induced LLPS of the CRY2/SPA1/FIO1 complex regulating mRNA methylation and chlorophyll homeostasis in Arabidopsis. <i>Nature Plants</i> , 2023, 9, 2042-2058.	11.4	19
100	Light-induced LLPS of the CRY2/SPA1/FIO1 complex regulating mRNA methylation and chlorophyll homeostasis in Arabidopsis. <i>Nature Plants</i> , 2023, 9, 2042-2058.	11.4	36
101	Gluten-induced RNA methylation changes regulate intestinal inflammation via allele-specific XPO1 translation in epithelial cells. <i>Gut</i> , 2022, 71, 68-76.	16.8	50
102	METTL3 Regulates Liver Homeostasis, Hepatocyte Ploidy, and Circadian Rhythm-Controlled Gene Expression in Mice. <i>American Journal of Pathology</i> , 2022, 192, 56-71.	3.4	40
103	Natural History of Spinal Cord Cavernous Malformations: A Multicenter Cohort Study. <i>Neurosurgery</i> , 2022, 90, 390-398.	2.0	12
104	Electrochemical \pm -thiolation and azidation of 1,3-dicarbonyls. <i>Chemical Communications</i> , 2022, 58, 2758-2761.	3.4	8
105	KAS-seq; genome-wide sequencing of single-stranded DNA by N3-kethoxal-assisted labeling. <i>Nature Protocols</i> , 2022, 17, 402-420.	14.4	37
106	Long-term outcomes and prognostic factors in patients with treated spinal dural arteriovenous fistulas: a prospective cohort study. <i>BMJ Open</i> , 2022, 12, e047390.	1.9	14
107	Enantioselective $C-H$ Functionalization toward Silicon-Stereogenic Silanes. <i>Synthesis</i> , 2022, 54, 1939-1950.	2.3	100
108	5-Hydroxymethylcytosine Signatures in Circulating Cell-Free DNA as Early Warning Biomarkers for COVID-19 Progression and Myocardial Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 9, .	3.6	8

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109	The METTL5-TRMT112 N6-methyladenosine methyltransferase complex regulates mRNA translation via 18S rRNA methylation. <i>Journal of Biological Chemistry</i> , 2022, 298, 101590.	2.2	68
110	The m6A methyltransferase METTL3 regulates muscle maintenance and growth in mice. <i>Nature Communications</i> , 2022, 13, .	13.7	56
111	METTL16 exerts an m6A-independent function to facilitate translation and tumorigenesis. <i>Nature Cell Biology</i> , 2022, 24, 205-216.	16.3	258
112	Utility of Perioperative Measurement of Cell-Free DNA and Circulating Tumor DNA in Informing the Prognosis of GI Cancers: A Systematic Review. <i>JCO Precision Oncology</i> , 2022, , .	1.9	6
113	The chromatin organization of a chlorarachniophyte nucleomorph genome. <i>Genome Biology</i> , 2022, 23, .	8.1	7
114	m6A RNA modifications are measured at single-base resolution across the mammalian transcriptome. <i>Nature Biotechnology</i> , 2022, 40, 1210-1219.	29.8	238
115	Enantioselective Intermolecular C-H Silylation of Heteroarenes for the Synthesis of Acyclic Si-Stereogenic Silanes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.4	73
116	Enantioselective Intermolecular C-H Silylation of Heteroarenes for the Synthesis of Acyclic Si-Stereogenic Silanes. <i>Angewandte Chemie</i> , 2022, 134, .	1.4	15
117	Decoding pseudouridine: an emerging target for therapeutic development. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 522-535.	11.4	131
118	FTO mediates LINE1 m ⁶ A demethylation and chromatin regulation in mESCs and mouse development. <i>Science</i> , 2022, 376, 968-973.	36.2	236
119	Development of Mild Chemical Catalysis Conditions for m ¹ A-to-m ⁶ A Rearrangement on RNA. <i>ACS Chemical Biology</i> , 2022, 17, 1334-1342.	3.7	23
120	Synthesis of Si-Stereogenic Silanols by Catalytic Asymmetric Hydrolytic Oxidation. <i>Angewandte Chemie</i> , 2022, 134, .	1.4	7
121	Synthesis of Si-Stereogenic Silanols by Catalytic Asymmetric Hydrolytic Oxidation. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	14.4	63
122	Enantioselective Hydroxylation of Dihydrosilanes to Si-Chiral Silanols Catalyzed by In Situ Generated Copper(II) Species. <i>Angewandte Chemie</i> , 2022, 134, .	1.4	6
123	A fungal dioxygenase CcTet serves as a eukaryotic m6A demethylase on duplex DNA. <i>Nature Chemical Biology</i> , 2022, 18, 733-741.	11.8	23
124	Copper-Catalyzed Desymmetrization of Prochiral Silanediols to Silicon-Stereogenic Silanols. <i>ACS Catalysis</i> , 2022, 12, 8476-8483.	12.4	53
125	Cell-free DNA 5-hydroxymethylcytosine is an emerging marker of acute myeloid leukemia. <i>Scientific Reports</i> , 2022, 12, .	3.4	26
126	Systematic identification of CRISPR off-target effects by CROSS-seq. <i>Protein and Cell</i> , 2022, , .	3.7	5

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127	N6-adenomethylation of GsdmC is essential for Lgr5+ stem cell survival to maintain normal colonic epithelial morphogenesis. <i>Developmental Cell</i> , 2022, 57, 1976-1994.e8.	7.7	37
128	Genome-wide profiling of 5-hydroxymethylcytosines in circulating cell-free DNA reveals population-specific pathways in the development of multiple myeloma. <i>Journal of Hematology and Oncology</i> , 2022, 15, .	24.1	11
129	Detection of m6A RNA modifications at single-nucleotide resolution using m6A-selective allyl chemical labeling and sequencing. <i>STAR Protocols</i> , 2022, 3, 101677.	1.1	2
130	Quantitative sequencing using BID-seq uncovers abundant pseudouridines in mammalian mRNA at base resolution. <i>Nature Biotechnology</i> , 2022, 41, 344-354.	29.8	207
131	Adult dural arteriovenous fistulas in Galen region: More to be rediscovered. <i>Frontiers in Neurology</i> , 2022, 13, .	2.4	4
132	Cell-free DNA 5-hydroxymethylcytosine as a marker for common cancer detection. <i>Clinical and Translational Discovery</i> , 2022, 2, .	1.1	7
133	The 5-Hydroxymethylcytosine Landscape of Prostate Cancer. <i>Cancer Research</i> , 2022, 82, 3888-3902.	3.8	61
134	m ⁷ G-quant-seq: Quantitative Detection of RNA Internal N ⁷ -Methylguanosine. <i>ACS Chemical Biology</i> , 2022, 17, 3306-3312.	3.7	52
135	m6A-SAC-seq for quantitative whole transcriptome m6A profiling. <i>Nature Protocols</i> , 2022, 18, 626-657.	14.4	64
136	METTL4-mediated nuclear N6-deoxyadenosine methylation promotes metastasis through activating multiple metastasis-inducing targets. <i>Genome Biology</i> , 2022, 23, .	8.1	45
137	spKAS-seq reveals R-loop dynamics using low-input materials by detecting single-stranded DNA with strand specificity. <i>Science Advances</i> , 2022, 8, .	10.9	23
138	Decoding the epitranscriptional landscape from native RNA sequences. <i>Nucleic Acids Research</i> , 2021, 49, e7-e7.	15.5	268
139	LEAD ⁶ A-seq for Locus-specific Detection of N ⁶ -Methyladenosine and Quantification of Differential Methylation. <i>Angewandte Chemie</i> , 2021, 133, 886-893.	1.4	3
140	LEAD ⁶ A-seq for Locus-specific Detection of N ⁶ -Methyladenosine and Quantification of Differential Methylation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 873-880.	14.4	30
141	Remodeling of the m6A landscape in the heart reveals few conserved post-transcriptional events underlying cardiomyocyte hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 151, 46-55.	3.8	36
142	Alterations of 5-hydroxymethylcytosines in circulating cell-free DNA reflect retinopathy in type 2 diabetes. <i>Genomics</i> , 2021, 113, 79-87.	2.8	18
143	m ⁶ A deposition is regulated by PRMT1-mediated arginine methylation of METTL14 in its disordered C-terminal region. <i>EMBO Journal</i> , 2021, 40, .	7.3	52
144	EGFR/SRC/ERK-stabilized YTHDF2 promotes cholesterol dysregulation and invasive growth of glioblastoma. <i>Nature Communications</i> , 2021, 12, .	13.7	252

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145	Transient- and Native-Directing-Group-Enabled Enantioselective C-H Functionalization. <i>Synthesis</i> , 2021, 53, 2029-2042.	2.3	27
146	5-Hydroxymethylcytosine profiles of cfDNA are highly predictive of R-CHOP treatment response in diffuse large B cell lymphoma patients. <i>Clinical Epigenetics</i> , 2021, 13, .	3.9	26
147	Reaction: Engineer Biology for Uranium. <i>CheM</i> , 2021, 7, 274-275.	16.6	8
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