

Xiaoxia Dai

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Dynamics and biological relevance of epigenetic N6-methyladenine DNA modification in eukaryotic cells. <i>Chinese Chemical Letters</i> , 2022, 33, 2253-2258.	9.0	9
2	Next-generation sequencing-based analysis of the effect of N6-methyldeoxyadenosine modification on DNA replication in human cells. <i>Chinese Chemical Letters</i> , 2022, 33, 2077-2080.	9.0	6
3	Next-Generation Sequencing-Based Analysis of the Roles of DNA Polymerases $\hat{\nu}2$ and $\hat{\nu}$ in the Replicative Bypass of 8-Oxo-7,8-dihydroguanine in Human Cells. <i>ACS Chemical Biology</i> , 2022, 17, 2315-2319.	3.4	3
4	Modulation of N-terminal methyltransferase 1 by an N6-methyladenosine-based epitranscriptomic mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2021, 546, 54-58.	2.1	11
5	Comprehensive profiling of CTP-binding proteins using a biotinylated CTP affinity probe. <i>Chinese Chemical Letters</i> , 2021, 32, 3479-3482.	9.0	4
6	Chemical proteomic profiling of UTP-binding proteins in human cells. <i>Analytica Chimica Acta</i> , 2021, 1168, 338607.	5.4	6
7	YTHDF2 Binds to 5-Methylcytosine in RNA and Modulates the Maturation of Ribosomal RNA. <i>Analytical Chemistry</i> , 2020, 92, 1346-1354.	6.5	50
8	Adenylate Kinase 4 Modulates the Resistance of Breast Cancer Cells to Tamoxifen through an m6A-Based Epitranscriptomic Mechanism. <i>Molecular Therapy</i> , 2020, 28, 2593-2604.	8.2	52
9	Elevated Hexokinase II Expression Confers Acquired Resistance to 4-Hydroxytamoxifen in Breast Cancer Cells. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2273-2284.	3.8	35
10	Identification of YTH Domain-Containing Proteins as the Readers for <i>N</i> ¹ -Methyladenosine in RNA. <i>Analytical Chemistry</i> , 2018, 90, 6380-6384.	6.5	171
11	Position-dependent effects of regioisomeric methylated adenine and guanine ribonucleosides on translation. <i>Nucleic Acids Research</i> , 2017, 45, 9059-9067.	14.5	39
12	The Functions of Serine 687 Phosphorylation of Human DNA Polymerase $\hat{\nu}$ in UV Damage Tolerance. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1913-1920.	3.8	16
13	Roles of Aag, Alkbh2, and Alkbh3 in the Repair of Carboxymethylated and Ethylated Thymidine Lesions. <i>ACS Chemical Biology</i> , 2016, 11, 1332-1338.	3.4	17
14	Effects of Tet-mediated Oxidation Products of 5-Methylcytosine on DNA Transcription in vitro and in Mammalian Cells. <i>Scientific Reports</i> , 2015, 4, 7052.	3.3	14
15	Posttranslational Regulation of Human DNA Polymerase $\hat{\nu}$. <i>Journal of Biological Chemistry</i> , 2015, 290, 27332-27344.	3.4	13
16	Identification and Functional Characterizations of N-Terminal $\hat{\nu}$ - <i>N</i> ¹ -Methylation and Phosphorylation of Serine 461 in Human Poly(ADP-ribose) Polymerase 3. <i>Journal of Proteome Research</i> , 2015, 14, 2575-2582.	3.7	25
17	Transcriptional inhibition and mutagenesis induced by N-nitroso compound-derived carboxymethylated thymidine adducts in DNA. <i>Nucleic Acids Research</i> , 2015, 43, 1012-1018.	14.5	18
18	$\hat{\nu}$ - <i>N</i> ¹ -Methylation of Damaged DNA-binding Protein 2 (DDB2) and Its Function in Nucleotide Excision Repair. <i>Journal of Biological Chemistry</i> , 2014, 289, 16046-16056.	3.4	56

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19	Transcriptional bypass of regioisomeric ethylated thymidine lesions by T7 RNA polymerase and human RNA polymerase II. <i>Nucleic Acids Research</i> , 2014, 42, 13706-13713.	14.5	18
20	Translesion Synthesis of 8,5- ² -Cyclopurine-2- ² -deoxynucleosides by DNA Polymerases β , β ¹ , and β ² . <i>Journal of Biological Chemistry</i> , 2013, 288, 28548-28556.	3.4	58
21	Identification of Novel β -N-Methylation of CENP-B That Regulates Its Binding to the Centromeric DNA. <i>Journal of Proteome Research</i> , 2013, 12, 4167-4175.	3.7	57
22	Development and Application of a Chemical Labeling-based Biosensing Assay for Rapid Detection of 8-oxoguanine and its Repair <i>in vitro</i> and in Human Cells. <i>Chinese Journal of Chemistry</i> , 0, , .	4.9	0