

# Yinsheng Wang

## List of Publications by Year in descending order

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301  
papers

12,347  
citations

36691

53  
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48101

92  
g-index

307  
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307  
docs citations

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times ranked

15894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parallel reaction monitoring revealed altered expression of a number of epitranscriptomic reader, writer, and eraser proteins accompanied with colorectal cancer metastasis. <i>Proteomics</i> , 2023, 23, e2200059.	1.3	7
2	Mass spectrometry for human kinome analysis. , 2022, , 191-216.		1
3	Targeted Profiling of Epitranscriptomic Reader, Writer, and Eraser Proteins Accompanied with Radioresistance in Breast Cancer Cells. <i>Analytical Chemistry</i> , 2022, 94, 1525-1530.	3.2	8
4	Chemical Research in Toxicology at 35: Recognizing the Impact of Professor Larry Marnett. <i>Chemical Research in Toxicology</i> , 2022, , .	1.7	0
5	Quantitative proteomics revealed new functions of ALKBH4. <i>Proteomics</i> , 2022, 22, e2100231.	1.3	0
6	DNA Protein Cross-Linking Sequencing for Genome-Wide Mapping of Thymidine Glycol. <i>Journal of the American Chemical Society</i> , 2022, 144, 454-462.	6.6	14
7	LC-MS/MS for Assessing the Incorporation and Repair of <i>N</i> <sup>2</sup> -Alkyl-2-deoxyguanosine in Genomic DNA. <i>Chemical Research in Toxicology</i> , 2022, 35, 1814-1820.	1.7	3
8	50 Years of Research on Tobacco-Specific Nitrosamines: A Virtual Collection of Emerging Knowledge of Chemical Toxicology of Tobacco and Nicotine Delivery Systems and Call for Contributions to a Landmark Special Issue. <i>Chemical Research in Toxicology</i> , 2022, 35, 899-900.	1.7	1
9	Transcriptional Perturbations of 2,6-Diaminopurine and 2-Aminopurine. <i>ACS Chemical Biology</i> , 2022, 17, 1672-1676.	1.6	5
10	HSP90 and Aha1 modulate microRNA maturation through promoting the folding of Dicer1. <i>Nucleic Acids Research</i> , 2022, 50, 6990-7001.	6.5	4
11	Targeted Proteomic Approaches for Proteome-Wide Characterizations of the AMP-Binding Capacities of Kinases. <i>Journal of Proteome Research</i> , 2022, 21, 2063-2070.	1.8	3
12	GLOBAL AND TARGETED PROFILING OF GTP-BINDING PROTEINS IN BIOLOGICAL SAMPLES BY MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2021, 40, 215-235.	2.8	7
13	YY1 interacts with guanine quadruplexes to regulate DNA looping and gene expression. <i>Nature Chemical Biology</i> , 2021, 17, 161-168.	3.9	68
14	Mitochondrial Transcription Factor A Binds to and Promotes Mutagenic Transcriptional Bypass of <i>O</i> <sup>4</sup> -Alkylthymidine Lesions. <i>Analytical Chemistry</i> , 2021, 93, 1161-1169.	3.2	3
15	m <sup>6</sup> A-RNA Demethylase FTO Inhibitors Impair Self-Renewal in Glioblastoma Stem Cells. <i>ACS Chemical Biology</i> , 2021, 16, 324-333.	1.6	98
16	DNA Polymerase II Supports the Replicative Bypass of <i>N</i> <sup>2</sup> -Alkyl-2-deoxyguanosine Lesions in <i>Escherichia coli</i> Cells. <i>Chemical Research in Toxicology</i> , 2021, 34, 695-698.	1.7	1
17	RNA-binding proteins contribute to small RNA loading in plant extracellular vesicles. <i>Nature Plants</i> , 2021, 7, 342-352.	4.7	153
18	Targeted Proteomic Analysis Revealed Kinome Reprogramming during Acquisition of Radioresistance in Breast Cancer Cells. <i>Journal of Proteome Research</i> , 2021, 20, 2830-2838.	1.8	6

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19	Interstrand Cross-Link Formation Involving Reaction of a Mispai red Cytosine Residue with an Abasic Site in Duplex DNA. <i>Chemical Research in Toxicology</i> , 2021, 34, 1124-1132.	1.7	9
20	Modulation of N-terminal methyltransferase 1 by an N6-methyladenosine-based epitranscriptomic mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2021, 546, 54-58.	1.0	11
21	PANDORA-seq expands the repertoire of regulatory small RNAs by overcoming RNA modifications. <i>Nature Cell Biology</i> , 2021, 23, 424-436.	4.6	115
22	Quantitative Proteomic Analysis Revealed Broad Roles of <i>N</i> <sup>6</sup> -Methyladenosine in Heat Shock Response. <i>Journal of Proteome Research</i> , 2021, 20, 3611-3620.	1.8	4
23	Neurotoxicology. <i>Chemical Research in Toxicology</i> , 2021, 34, 1197-1197.	1.7	1
24	METTL3 regulates viral m6A RNA modification and host cell innate immune responses during SARS-CoV-2 infection. <i>Cell Reports</i> , 2021, 35, 109091.	2.9	124
25	An aged immune system drives senescence and ageing of solid organs. <i>Nature</i> , 2021, 594, 100-105.	13.7	368
26	Chemoproteomic Approach toward Probing the Interactomes of Perfluoroalkyl Substances. <i>Analytical Chemistry</i> , 2021, 93, 9634-9639.	3.2	5
27	Editorial: Focus on Protein Footprinting, Honoring Michael Gross, Recipient of the 2020 John B. Fenn Award for a Distinguished Contribution in Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1565-1566.	1.2	0
28	ATF3 Modulates the Resistance of Breast Cancer Cells to Tamoxifen through an <i>N</i> <sup>6</sup> -Methyladenosine-Based Epitranscriptomic Mechanism. <i>Chemical Research in Toxicology</i> , 2021, 34, 1814-1821.	1.7	17
29	Proteome-Wide Characterizations of <i>N</i> <sup>6</sup> -Methyl-Adenosine Triphosphate- and <i>N</i> <sup>6</sup> -Furfuryl-Adenosine Triphosphate-Binding Capabilities of Kinases. <i>Analytical Chemistry</i> , 2021, 93, 13251-13259.	3.2	4
30	A Quantitative Proteomic Approach for the Identification of DNA Guanine Quadruplex-Binding Proteins. <i>Journal of Proteome Research</i> , 2021, 20, 4919-4924.	1.8	8
31	Targeting chaperon protein HSP70 as a novel therapeutic strategy for FLT3-ITD-positive acute myeloid leukemia. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 334.	7.1	6
32	HIV reprograms host m6Am RNA methylome by viral Vpr protein-mediated degradation of PCIF1. <i>Nature Communications</i> , 2021, 12, 5543.	5.8	24
33	DNA Polymerase $\beta$ Promotes the Transcriptional Bypass of <i>N</i> <sup>2</sup> -Alkyl-2'-deoxyguanosine Adducts in Human Cells. <i>Journal of the American Chemical Society</i> , 2021, 143, 16197-16205.	6.6	9
34	The proximal proteome of 17 SARS-CoV-2 proteins links to disrupted antiviral signaling and host translation. <i>PLoS Pathogens</i> , 2021, 17, e1009412.	2.1	27
35	G3BP1 binds to guanine quadruplexes in mRNAs to modulate their stabilities. <i>Nucleic Acids Research</i> , 2021, 49, 11323-11336.	6.5	21
36	Targeted Quantitative Profiling of GTP-Binding Proteins Associated with Metastasis of Melanoma Cells. <i>Journal of Proteome Research</i> , 2021, 20, 5189-5195.	1.8	1

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37	HILIC-MS/MS for the Determination of Methylated Adenine Nucleosides in Human Urine. <i>Analytical Chemistry</i> , 2021, 93, 17060-17068.	3.2	17
38	YTHDF2 Binds to 5-Methylcytosine in RNA and Modulates the Maturation of Ribosomal RNA. <i>Analytical Chemistry</i> , 2020, 92, 1346-1354.	3.2	50
39	Low-Level Saturated Fatty Acid Palmitate Benefits Liver Cells by Boosting Mitochondrial Metabolism via CDK1-SIRT3-CPT2 Cascade. <i>Developmental Cell</i> , 2020, 52, 196-209.e9.	3.1	36
40	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.	3.7	52
41	Call for Papers for the Special Issue on Neurotoxicology. <i>Chemical Research in Toxicology</i> , 2020, 33, 2009-2009.	1.7	0
42	N6-methyladenine in DNA antagonizes SATB1 in early development. <i>Nature</i> , 2020, 583, 625-630.	13.7	53
43	VEZF1â€™s guanine quadruplex DNA interaction regulates alternative polyadenylation and dectyrosinase activity of VASH1. <i>Nucleic Acids Research</i> , 2020, 48, 11994-12003.	6.5	9
44	Associations of smoking and air pollution with peripheral blood RNA N6-methyladenosine in the Beijing truck driver air pollution study. <i>Environment International</i> , 2020, 144, 106021.	4.8	25
45	Detection and Discrimination of DNA Adducts Differing in Size, Regiochemistry, and Functional Group by Nanopore Sequencing. <i>Chemical Research in Toxicology</i> , 2020, 33, 2944-2952.	1.7	14
46	Chemical Proteomic Profiling of the Interacting Proteins of Isoprenoid Pyrophosphates. <i>Analytical Chemistry</i> , 2020, 92, 8031-8036.	3.2	3
47	Arsenic Exposure and Compromised Protein Quality Control. <i>Chemical Research in Toxicology</i> , 2020, 33, 1594-1604.	1.7	29
48	Proteome-wide Interrogation of Small GTPases Regulated by N <sup>6</sup> -Methyladenosine Modulators. <i>Analytical Chemistry</i> , 2020, 92, 10145-10152.	3.2	9
49	Discovery of TBC1D7 as a Potential Driver for Melanoma Cell Invasion. <i>Proteomics</i> , 2020, 20, e1900347.	1.3	7
50	Normalized retention time for scheduled liquid chromatography-multistage mass spectrometry analysis of epitranscriptomic modifications. <i>Journal of Chromatography A</i> , 2020, 1623, 461181.	1.8	4
51	Collision-Induced Dissociation Studies of Protonated Ions of Alkylated Thymidine and 2-Deoxyguanosine. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 927-937.	1.2	0
52	Ada proteinâ€™s and sequence contextâ€™s dependent mutagenesis of alkyl phosphotriester lesions in <i>Escherichia coli</i> cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 8775-8783.	1.6	4
53	N <sup>6</sup> -Acetyl-cysteine and Mechanisms Involved in Resolution of Chronic Wound Biofilm. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-16.	1.0	15
54	A Targeted Quantitative Proteomic Method Revealed a Substantial Reprogramming of Kinome during Melanoma Metastasis. <i>Scientific Reports</i> , 2020, 10, 2485.	1.6	5

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55	Molecular Mechanisms of Arsenic-Induced Disruption of DNA Repair. <i>Chemical Research in Toxicology</i> , 2020, 33, 709-726.	1.7	80
56	Replication of Pyridyloxobutyl Phosphotriester Lesions in Cells. <i>Chemical Research in Toxicology</i> , 2020, 33, 308-311.	1.7	5
57	The roles of polymerases $\delta$ and $\epsilon$ in replicative bypass of O6- and N2-alkyl-2 $\epsilon$ -deoxyguanosine lesions in human cells. <i>Journal of Biological Chemistry</i> , 2020, 295, 4556-4562.	1.6	7
58	Arsenite Binds to ZNF598 to Perturb Ribosome-Associated Protein Quality Control. <i>Chemical Research in Toxicology</i> , 2020, 33, 1644-1652.	1.7	6
59	Targeted Proteomic Analysis of Small GTPases in Murine Adipogenesis. <i>Analytical Chemistry</i> , 2020, 92, 6756-6763.	3.2	5
60	HSP90 inhibitors stimulate DNAJB4 protein expression through a mechanism involving N6-methyladenosine. <i>Nature Communications</i> , 2019, 10, 3613.	5.8	24
61	The Impact of Minor-Groove N <sup>2</sup> -Alkyl-2 $\epsilon$ -deoxyguanosine Lesions on DNA Replication in Human Cells. <i>ACS Chemical Biology</i> , 2019, 14, 1708-1716.	1.6	12
62	SLIRP Interacts with Helicases to Facilitate 2 $\epsilon$ -O-Methylation of rRNA and to Promote Translation. <i>Journal of the American Chemical Society</i> , 2019, 141, 10958-10961.	6.6	6
63	Elevated Hexokinase II Expression Confers Acquired Resistance to 4-Hydroxytamoxifen in Breast Cancer Cells. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2273-2284.	2.5	35
64	Targeted Quantitative Proteomic Approach for High-Throughput Quantitative Profiling of Small GTPases in Brain Tissues of Alzheimer's Disease Patients. <i>Analytical Chemistry</i> , 2019, 91, 12307-12314.	3.2	7
65	High-Throughput Targeted Quantitative Analysis of the Interaction between HSP90 and Kinases. <i>Analytical Chemistry</i> , 2019, 91, 11507-11509.	3.2	6
66	Epigenetics in Toxicology. <i>Chemical Research in Toxicology</i> , 2019, 32, 793-793.	1.7	1
67	Targeted Quantitative Proteomics Revealed Arsenite-induced Proteasomal Degradation of RhoB in Fibroblast Cells. <i>Chemical Research in Toxicology</i> , 2019, 32, 1343-1350.	1.7	1
68	Parallel-Reaction-Monitoring-Based Proteome-Wide Profiling of Differential Kinase Protein Expression during Prostate Cancer Metastasis in Vitro. <i>Analytical Chemistry</i> , 2019, 91, 9893-9900.	3.2	19
69	Repair and translesion synthesis of O6-alkylguanine DNA lesions in human cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 11144-11153.	1.6	21
70	Interstrand DNA Cross-Links Derived from Reaction of a 2-Aminopurine Residue with an Abasic Site. <i>ACS Chemical Biology</i> , 2019, 14, 1481-1489.	1.6	15
71	Preparation and Purification of Oligodeoxynucleotide Duplexes Containing a Site-Specific, Reduced, Chemically Stable Covalent Interstrand Cross-Link Between a Guanine Residue and an Abasic Site. <i>Methods in Molecular Biology</i> , 2019, 1973, 163-175.	0.4	9
72	Quantitative Interrogation of the Human Kinome Perturbed by Two BRAF Inhibitors. <i>Journal of Proteome Research</i> , 2019, 18, 2624-2631.	1.8	12

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73	Location analysis of 8-oxo-7,8-dihydroguanine in DNA by polymerase-mediated differential coding. <i>Chemical Science</i> , 2019, 10, 4272-4281.	3.7	23
74	Human DNA polymerase $\beta$ has reverse transcriptase activity in cellular environments. <i>Journal of Biological Chemistry</i> , 2019, 294, 6073-6081.	1.6	36
75	Targeted Quantitative Kinome Analysis Identifies PRPS2 as a Promoter for Colorectal Cancer Metastasis. <i>Journal of Proteome Research</i> , 2019, 18, 2279-2286.	1.8	16
76	Targeted Quantitative Proteomic Approach for Probing Altered Protein Expression of Small GTPases Associated with Colorectal Cancer Metastasis. <i>Analytical Chemistry</i> , 2019, 91, 6233-6241.	3.2	12
77	DNA replication studies of N-nitroso compound-induced O6-alkyl-2'-deoxyguanosine lesions in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 3899-3908.	1.6	10
78	Cytotoxic and Mutagenic Properties of C1' and C3'-Epimeric Lesions of 2'-Deoxyribonucleosides in Human Cells. <i>ACS Chemical Biology</i> , 2019, 14, 478-485.	1.6	1
79	Dual regulation of <i>Arabidopsis</i> AGO2 by arginine methylation. <i>Nature Communications</i> , 2019, 10, 844.	5.8	23
80	Imatinib-Induced Changes in Protein Expression and ATP-Binding Affinities of Kinases in Chronic Myelocytic Leukemia Cells. <i>Analytical Chemistry</i> , 2019, 91, 3209-3214.	3.2	18
81	A DNA aptamer for binding and inhibition of DNA methyltransferase 1. <i>Nucleic Acids Research</i> , 2019, 47, 11527-11537.	6.5	13
82	Chemical Proteomic Profiling of Lysophosphatidic Acid-Binding Proteins. <i>Analytical Chemistry</i> , 2019, 91, 15365-15369.	3.2	6
83	CPT1A/2-Mediated FAO Enhancement: A Metabolic Target in Radioresistant Breast Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 1201.	1.3	91
84	Targeted Profiling of Heat Shock Proteome in Radioresistant Breast Cancer Cells. <i>Chemical Research in Toxicology</i> , 2019, 32, 326-332.	1.7	14
85	Integrated Genomic and Proteomic Analyses Reveal Novel Mechanisms of the Methyltransferase SETD2 in Renal Cell Carcinoma Development. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 437-447.	2.5	22
86	Quantification of DNA Lesions Induced by 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol in Mammalian Cells. <i>Chemical Research in Toxicology</i> , 2019, 32, 708-717.	1.7	11
87	Cytotoxic and mutagenic properties of alkyl phosphotriester lesions in <i>Escherichia coli</i> cells. <i>Nucleic Acids Research</i> , 2018, 46, 4013-4021.	6.5	16
88	Cytotoxic and mutagenic properties of minor-groove O2-alkylthymidine lesions in human cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 8638-8644.	1.6	15
89	Spontaneous DNA damage to the nuclear genome promotes senescence, redox imbalance and aging. <i>Redox Biology</i> , 2018, 17, 259-273.	3.9	103
90	Arsenite Targets the RING Finger Domain of Rbx1 E3 Ubiquitin Ligase to Inhibit Proteasome-Mediated Degradation of Nrf2. <i>Chemical Research in Toxicology</i> , 2018, 31, 380-387.	1.7	23

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91	Structural basis for DNMT3A-mediated de novo DNA methylation. <i>Nature</i> , 2018, 554, 387-391.	13.7	215
92	A Targeted Proteomic Approach for Heat Shock Proteins Reveals DNAJB4 as a Suppressor for Melanoma Metastasis. <i>Analytical Chemistry</i> , 2018, 90, 6835-6842.	3.2	29
93	An effector from the Huanglongbing-associated pathogen targets citrus proteases. <i>Nature Communications</i> , 2018, 9, 1718.	5.8	142
94	Chemical Analysis of DNA Damage. <i>Analytical Chemistry</i> , 2018, 90, 556-576.	3.2	56
95	Targeted Quantitative Profiling of GTP-Binding Proteins in Cancer Cells Using Isotope-Coded GTP Probes. <i>Analytical Chemistry</i> , 2018, 90, 14339-14346.	3.2	13
96	Roles of Small GTPases in Acquired Tamoxifen Resistance in MCF-7 Cells Revealed by Targeted, Quantitative Proteomic Analysis. <i>Analytical Chemistry</i> , 2018, 90, 14551-14560.	3.2	8
97	Normalized Retention Time for Targeted Analysis of the DNA Adductome. <i>Analytical Chemistry</i> , 2018, 90, 14111-14115.	3.2	10
98	Identification of Helicase Proteins as Clients for HSP90. <i>Analytical Chemistry</i> , 2018, 90, 11751-11755.	3.2	16
99	Bypassing a 8,5- $\epsilon$ -cyclo-2- $\epsilon$ -deoxyadenosine lesion by human DNA polymerase $\beta$ at atomic resolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10660-10665.	3.3	14
100	Pyruvate kinase M2 regulates homologous recombination-mediated DNA double-strand break repair. <i>Cell Research</i> , 2018, 28, 1090-1102.	5.7	51
101	N-methyladenine DNA Modification in Glioblastoma. <i>Cell</i> , 2018, 175, 1228-1243.e20.	13.5	236
102	Interdisciplinary Approaches and Expanding Scope in Chemical Toxicology. <i>Chemical Research in Toxicology</i> , 2018, 31, 991-991.	1.7	0
103	Epigenetics in Toxicology. <i>Chemical Research in Toxicology</i> , 2018, 31, 822-822.	1.7	1
104	Impact of tobacco-specific nitrosamine-derived DNA adducts on the efficiency and fidelity of DNA replication in human cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 11100-11108.	1.6	29
105	Identification of YTH Domain-Containing Proteins as the Readers for N <sup>1</sup> -Methyladenosine in RNA. <i>Analytical Chemistry</i> , 2018, 90, 6380-6384.	3.2	171
106	A novel malic acid-enhanced method for the analysis of 5-methyl-2-deoxycytidine, 5-hydroxymethyl-2-deoxycytidine, 5-methylcytidine and 5-hydroxymethylcytidine in human urine using hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1034, 110-118.	2.6	38
107	Dysregulation of DAF-16/FOXO3A-mediated stress responses accelerates oxidative DNA damage induced aging. <i>Redox Biology</i> , 2018, 18, 191-199.	3.9	39
108	A Targeted Quantitative Proteomic Approach Assesses the Reprogramming of Small GTPases during Melanoma Metastasis. <i>Cancer Research</i> , 2018, 78, 5431-5445.	0.4	18

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109	Cytotoxic and mutagenic properties of O6-alkyl-2- $\epsilon$ -deoxyguanosine lesions in Escherichia coli cells. Journal of Biological Chemistry, 2018, 293, 15033-15042.	1.6	7
110	Nuclear Genomic Instability and Aging. Annual Review of Biochemistry, 2018, 87, 295-322.	5.0	178
111	Evidence for direct interaction between RNA polymerase and the small ribosomal subunit.. FASEB Journal, 2018, 32, 526.24.	0.2	0
112	Discovery of 2-((3-Acrylamido-4-methylphenyl)amino)- <i>N</i> -(2-methyl-5-(3,4,5-trimethoxybenzamido)phenyl)-4-(methylamino)pyrimidine-5-carboxamide (CHMFL-BMX-078) as a Highly Potent and Selective Type II Irreversible Bone Marrow Kinase in the X Chromosome (BMX) Kinase Inhibitor. Journal of Medicinal Chemistry, 2017, 60, 1793-1816.	2.9	17
113	AMPK promotes mitochondrial biogenesis and function by phosphorylating the epigenetic factors DNMT1, RBBP7, and HAT1. Science Signaling, 2017, 10, .	1.6	170
114	SILAC-Based Quantitative Proteomic Analysis Unveils Arsenite-Induced Perturbation of Multiple Pathways in Human Skin Fibroblast Cells. Chemical Research in Toxicology, 2017, 30, 1006-1014.	1.7	13
115	A role for the base excision repair enzyme NEIL3 in replication-dependent repair of interstrand DNA cross-links derived from psoralen and abasic sites. DNA Repair, 2017, 52, 1-11.	1.3	34
116	Replication and repair of a reduced 2- $\epsilon$ -deoxyguanosine-abasic site interstrand cross-link in human cells. Nucleic Acids Research, 2017, 45, 6486-6493.	6.5	16
117	Interstrand cross-links arising from strand breaks at true abasic sites in duplex DNA. Nucleic Acids Research, 2017, 45, 6275-6283.	6.5	29
118	Arsenite Binds to the RING Finger Domain of FANCL E3 Ubiquitin Ligase and Inhibits DNA Interstrand Crosslink Repair. ACS Chemical Biology, 2017, 12, 1858-1866.	1.6	21
119	Cross-talk between the H3K36me3 and H4K16ac histone epigenetic marks in DNA double-strand break repair. Journal of Biological Chemistry, 2017, 292, 11951-11959.	1.6	65
120	Structure-activity relationship investigation for benzonaphthyridinone derivatives as novel potent Bruton's tyrosine kinase (BTK) irreversible inhibitors. European Journal of Medicinal Chemistry, 2017, 137, 545-557.	2.6	16
121	Replicative Bypass Studies of $\beta$ -Anomeric Lesions of 2- $\epsilon$ -Deoxyribonucleosides <i>in Vitro</i> . Chemical Research in Toxicology, 2017, 30, 1127-1133.	1.7	4
122	The melanoma-linked $\alpha$ -MC1R influences dopaminergic neuron survival. Annals of Neurology, 2017, 81, 395-406.	2.8	41
123	Photocatalytic degradation of norfloxacin on different TiO <sub>2</sub> polymorphs under visible light in water. RSC Advances, 2017, 7, 45721-45732.	1.7	26
124	Arsenite Binds to the Zinc Finger Motif of TIP60 Histone Acetyltransferase and Induces Its Degradation via the 26S Proteasome. Chemical Research in Toxicology, 2017, 30, 1685-1693.	1.7	16
125	Position-dependent effects of regioisomeric methylated adenine and guanine ribonucleosides on translation. Nucleic Acids Research, 2017, 45, 9059-9067.	6.5	39
126	Identification of SLIRP as a G Quadruplex-Binding Protein. Journal of the American Chemical Society, 2017, 139, 12426-12429.	6.6	49



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127	Cytotoxic and Mutagenic Properties of C3-Epimeric Lesions of 2-Deoxyribonucleosides in <i>Escherichia coli</i> Cells. <i>Biochemistry</i> , 2017, 56, 3725-3732.	1.2	4
128	Liquid Chromatography-Tandem Mass Spectrometry for the Quantification of Tobacco-Specific Nitrosamine-Induced DNA Adducts in Mammalian Cells. <i>Analytical Chemistry</i> , 2017, 89, 9124-9130.	3.2	24
129	<sup>1</sup> H NMR Metabolic Profiling of Earthworm ( <i>Eisenia fetida</i> ) Coelomic Fluid, Coelomocytes, and Tissue: Identification of a New Metabolite—Malyglutamate. <i>Journal of Proteome Research</i> , 2017, 16, 3407-3418.	1.8	19
130	Site-Selective Sensing of Histone Methylation Enzyme Activity via an Arrayed Supramolecular Tandem Assay. <i>Journal of the American Chemical Society</i> , 2017, 139, 10964-10967.	6.6	57
131	Mechanism of DNA alkylation-induced transcriptional stalling, lesion bypass, and mutagenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7082-E7091.	3.3	31
132	Replication studies of carboxymethylated DNA lesions in human cells. <i>Nucleic Acids Research</i> , 2017, 45, 7276-7284.	6.5	17
133	Transcription-translation coupling: direct interactions of RNA polymerase with ribosomes and ribosomal subunits. <i>Nucleic Acids Research</i> , 2017, 45, 11043-11055.	6.5	64
134	Translesion synthesis of O <sup>4</sup> -alkylthymidine lesions in human cells. <i>Nucleic Acids Research</i> , 2016, 44, gkw662.	6.5	43
135	Reversible Regulation of Promoter and Enhancer Histone Landscape by DNA Methylation in Mouse Embryonic Stem Cells. <i>Cell Reports</i> , 2016, 17, 289-302.	2.9	92
136	Replicative Bypass of O <sup>2</sup> -Alkylthymidine Lesions <i>in Vitro</i> . <i>Chemical Research in Toxicology</i> , 2016, 29, 1755-1761.	1.7	8
137	Quantification of Azaserine-Induced Carboxymethylated and Methylated DNA Lesions in Cells by Nanoflow Liquid Chromatography-Nanoelectrospray Ionization Tandem Mass Spectrometry Coupled with the Stable Isotope-Dilution Method. <i>Analytical Chemistry</i> , 2016, 88, 8036-8042.	3.2	20
138	Tris(1,3-dichloro-2-propyl)phosphate Induces Genome-Wide Hypomethylation within Early Zebrafish Embryos. <i>Environmental Science &amp; Technology</i> , 2016, 50, 10255-10263.	4.6	45
139	A High-Throughput Targeted Proteomic Approach for Comprehensive Profiling of Methylglyoxal-Induced Perturbations of the Human Kinome. <i>Analytical Chemistry</i> , 2016, 88, 9773-9779.	3.2	23
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