Peter W Villalta

List of Publications by Year
in descending order

112 papers	4,740 citations	94433 37 h-index	118850 62 g-index
116 all docs	116 docs citations	116 times ranked	4288 citing authors

#	Article	IF	Citations
1	In Vivo Identification of Adducts from the New Hypoxia-Activated Prodrug CP-506 Using DNA Adductomics. Chemical Research in Toxicology, 2022, 35, 275-282.	3.3	8
2	The Cooked Meat Carcinogen 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine Hair Dosimeter, DNA Adductomics Discovery, and Associations with Prostate Cancer Pathology Biomarkers. Chemical Research in Toxicology, 2022, 35, 703-730.	3.3	4
3	Identification of New Markers of Alcohol-Derived DNA Damage in Humans. Biomolecules, 2021, 11, 366.	4.0	19
4	Extension of Diagnostic Fragmentation Filtering for Automated Discovery in DNA Adductomics. Analytical Chemistry, 2021, 93, 5754-5762.	6.5	11
5	Comprehensive Analysis of DNA Adducts Using Data-Independent wSIM/MS² Acquisition and wSIM-City. Analytical Chemistry, 2021, 93, 6491-6500.	6.5	11
6	Small RNAs are modified with N-glycans and displayed on the surface of living cells. Cell, 2021, 184, 3109-3124.e22.	28.9	260
7	Identification of new candidate biomarkers to support doxorubicin treatments in canine cancer patients. BMC Veterinary Research, 2021, 17, 378.	1.9	4
8	Nanoscale battery cathode materials induce DNA damage in bacteria. Chemical Science, 2020, 11, 11244-11258.	7.4	8
9	Extracellular matrix stiffness determines DNA repair efficiency and cellular sensitivity to genotoxic agents. Science Advances, 2020, 6, .	10.3	44
10	Biosynthesis, Mechanism of Action, and Inhibition of the Enterotoxin Tilimycin Produced by the Opportunistic Pathogen Klebsiella oxytoca. ACS Infectious Diseases, 2020, 6, 1976-1997.	3.8	18
11	Applying Tobacco, Environmental, and Dietary-Related Biomarkers to Understand Cancer Etiology and Evaluate Prevention Strategies. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 1904-1919.	2.5	4
12	Development of a DNA Adductome Mass Spectral Database. Chemical Research in Toxicology, 2020, 33, 852-854.	3.3	16
13	A novel terpenoid class for prevention and treatment of KRASâ€driven cancers: Comprehensive analysis using in situ, in vitro, and in vivo model systems. Molecular Carcinogenesis, 2020, 59, 886-896.	2.7	9
14	Metabolomics Profiles of Smokers from Two Ethnic Groups with Differing Lung Cancer Risk. Chemical Research in Toxicology, 2020, 33, 2087-2098.	3.3	14
15	Cross-linking of the DNA repair protein O6-alkylguanine DNA alkyltransferase to DNA in the presence of cisplatin. DNA Repair, 2020, 89, 102840.	2.8	5
16	Reactivity of an Unusual Amidase May Explain Colibactinâ€™s DNA Cross-Linking Activity. Journal of the American Chemical Society, 2019, 141, 11489-11496.	13.7	46
17	Fragmentation Spectra Prediction and DNA Adducts Structural Determination. Journal of the American Society for Mass Spectrometry, 2019, 30, 2771-2784.	2.8	10
18	Targeted High Resolution LC/MS3 Adductomics Method for the Characterization of Endogenous DNA Damage. Frontiers in Chemistry, 2019, 7, 658.	3.6	23

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19	Methods and Challenges for Computational Data Analysis for DNA Adductomics. Chemical Research in Toxicology, 2019, 32, 2156-2168.	3.3	16
20	Bioanalytical and Mass Spectrometric Methods for Aldehyde Profiling in Biological Fluids. Toxics, 2019, 7, 32.	3.7	33
21	Methyl DNA phosphate adduct formation in lung tumor tissue and adjacent normal tissue of lung cancer patients. Carcinogenesis, 2019, 40, 1387-1394.	2.8	7
22	The human gut bacterial genotoxin colibactin alkylates DNA. Science, 2019, 363, .	12.6	389
23	Analysis of Acrolein-Derived 1,N²-Propanodeoxyguanosine Adducts in Human Lung DNA from Smokers and Nonsmokers. Chemical Research in Toxicology, 2019, 32, 318-325.	3.3	33
24	Identification of more than 100 structurally unique DNA-phosphate adducts formed during rat lung carcinogenesis by the tobacco-specific nitrosamine 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone. Carcinogenesis, 2018, 39, 232-241.	2.8	24
25	Analysis and Identification of 2â€²-Deoxyadenosine-Derived Adducts in Lung and Liver DNA of F-344 Rats Treated with the Tobacco-Specific Carcinogen 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and Enantiomers of its Metabolite 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol. Chemical Research in Toxicology, 2018, 31, 358-370.	3.3	22
26	Methyl DNA Phosphate Adduct Formation in Rats Treated Chronically with 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and Enantiomers of Its Metabolite 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol. Chemical Research in Toxicology, 2018, 31, 48-57.	3.3	16
27	Targeted and Untargeted Detection of DNA Adducts of Aromatic Amine Carcinogens in Human Bladder by Ultra-Performance Liquid Chromatography-High-Resolution Mass Spectrometry. Chemical Research in Toxicology, 2018, 31, 1382-1397.	3.3	39
28	In Vivo Stable-Isotope Labeling and Mass-Spectrometry-Based Metabolic Profiling of a Potent Tobacco-Specific Carcinogen in Rats. Analytical Chemistry, 2018, 90, 11863-11872.	6.5	10
29	DNA Adduct Profiles Predict in Vitro Cell Viability after Treatment with the Experimental Anticancer Prodrug PR104A. Chemical Research in Toxicology, 2017, 30, 830-839.	3.3	13
30	P3.01-052 DNA Adductomics to Identify the Role of Inflammation in NNK-Induced Lung Carcinogenesis. Journal of Thoracic Oncology, 2017, 12, S1151-S1152.	1.1	0
31	Mass Spectrometry Based Proteomics Study of Cisplatin-Induced DNAâ€"Protein Cross-Linking in Human Fibrosarcoma (HT1080) Cells. Chemical Research in Toxicology, 2017, 30, 980-995.	3.3	35
32	Mass Spectrometric Characterization of an Acid-Labile Adduct Formed with 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine and Albumin in Humans. Chemical Research in Toxicology, 2017, 30, 705-714.	3.3	14
33	Data-Independent Mass Spectrometry Approach for Screening and Identification of DNA Adducts. Analytical Chemistry, 2017, 89, 11728-11736.	6.5	39
34	Investigation of the presence in human urine of mercapturic acids derived from phenanthrene, a representative polycyclic aromatic hydrocarbon. Chemico-Biological Interactions, 2017, 274, 80-88.	4.0	2
35	Ultrasensitive High-Resolution Mass Spectrometric Analysis of a DNA Adduct of the Carcinogen Benzo[a]pyrene in Human Lung. Analytical Chemistry, 2017, 89, 12735-12742.	6.5	43
36	A High Resolution/Accurate Mass (HRAM) Data-Dependent MS³ Neutral Loss Screening, Classification, and Relative Quantitation Methodology for Carbonyl Compounds in Saliva. Journal of the American Society for Mass Spectrometry, 2017, 28, 608-618.	2.8	22

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37	Targeting NF-ÎºB p65 with a Helenalin Inspired Bis-electrophile. ACS Chemical Biology, 2017, 12, 102-113.	3.4	31
38	Pyridylhydroxybutyl and pyridyloxobutyl DNA phosphate adduct formation in rats treated chronically with enantiomers of the tobacco-specific nitrosamine metabolite 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanol. Mutagenesis, 2017, 32, 561-570.	2.6	14
39	The Future of DNA Adductomic Analysis. International Journal of Molecular Sciences, 2017, 18, 1870.	4.1	45
40	Simultaneous determination of 8-oxo-2â€™-deoxyguanosine and 8-oxo-2â€™-deoxyadenosine in human retinal DNA by liquid chromatography nanoelectrospray-tandem mass spectrometry. Scientific Reports, 2016, 6, 22375.	3.3	26
41	Biomonitoring DNA Adducts of Cooked Meat Carcinogens in Human Prostate by Nano Liquid Chromatographyâ€"High Resolution Tandem Mass Spectrometry: Identification of 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine DNA Adduct. Analytical Chemistry, 2016, 88, 12508-12515.	6.5	54
42	Unambiguous Identification of Î²â€Tubulin as the Direct Cellular Target Responsible for the Cytotoxicity of Chalcone by Photoaffinity Labeling. ChemMedChem, 2016, 11, 1436-1445.	3.2	14
43	Analysis of O⁶-[4-(3-Pyridyl)-4-oxobut-1-yl]-2â€²-deoxyguanosine and Other DNA Adducts in Rats Treated with Enantiomeric or Racemic Nâ€²-Nitrosonornicotine. Chemical Research in Toxicology, 2016, 29, 87-95.	3.3	18
44	Covalent DNAâ€"Protein Cross-Linking by Phosphoramide Mustard and Nornitrogen Mustard in Human Cells. Chemical Research in Toxicology, 2016, 29, 190-202.	3.3	43
45	Comprehensive High-Resolution Mass Spectrometric Analysis of DNA Phosphate Adducts Formed by the Tobacco-Specific Lung Carcinogen 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone. Chemical Research in Toxicology, 2015, 28, 2151-2159.	3.3	32
46	Screening for DNA Alkylation Mono and Cross-Linked Adducts with a Comprehensive LC-MS³ Adductomic Approach. Analytical Chemistry, 2015, 87, 11706-11713.	6.5	45
47	Analysis of a Malondialdehydeâ€"Deoxyguanosine Adduct in Human Leukocyte DNA by Liquid Chromatography Nanoelectrosprayâ€"High-Resolution Tandem Mass Spectrometry. Chemical Research in Toxicology, 2014, 27, 1829-1836.	3.3	27
48	DNA Adductomics. Chemical Research in Toxicology, 2014, 27, 356-366.	3.3	146
49	Covalent Modification of Cytochrome c by Reactive Metabolites of Furan. Chemical Research in Toxicology, 2014, 27, 129-135.	3.3	38
50	NanoLC/ESI⁺ HRMS³ Quantitation of DNA Adducts Induced by 1,3-Butadiene. Journal of the American Society for Mass Spectrometry, 2014, 25, 1124-1135.	2.8	18
51	Application of a High-Resolution Mass-Spectrometry-Based DNA Adductomics Approach for Identification of DNA Adducts in Complex Mixtures. Analytical Chemistry, 2014, 86, 1744-1752.	6.5	71
52	Analysis of the benzene oxide-DNA adduct 7-phenylguanine by liquid chromatography-nanoelectrospray ionization-high resolution tandem mass spectrometry-parallel reaction monitoring: Application to DNA from exposed mice and humans. Chemico-Biological Interactions, 2014, 215, 40-45.	4.0	9
53	Synthesis of Sequence-Specific DNAâ€"Protein Conjugates via a Reductive Amination Strategy. Bioconjugate Chemistry, 2013, 24, 1496-1506.	3.6	47
54	Evidence for endogenous formation of the hepatocarcinogen N-nitrosodihydrouracil in rats treated with dihydrouracil and sodium nitrite: A potential source of human hepatic DNA carboxyethylation. Chemico-Biological Interactions, 2013, 206, 83-89.	4.0	6

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55	DNA Adducts in Aldehyde Dehydrogenase-Positive Lung Stem Cells of A/J Mice Treated with the Tobacco Specific Lung Carcinogen 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK). Chemical Research in Toxicology, 2013, 26, 511-513.	3.3	8
56	Mass Spectrometry of Structurally Modified DNA. Chemical Reviews, 2013, 113, 2395-2436.	47.7	112
57	Capillary HPLC-Accurate Mass MS/MS Quantitation of N7-(2,3,4-Trihydroxybut-1-yl)-guanine Adducts of 1,3-Butadiene in Human Leukocyte DNA. Chemical Research in Toxicology, 2013, 26, 1486-1497.	3.3	23
58	Quantitation of Pyridyloxobutyl-DNA Adducts in Tissues of Rats Treated Chronically with (R)- or (S)-Nâ€²-Nitrosonornicotine (NNN) in a Carcinogenicity Study. Chemical Research in Toxicology, 2013, 26, 1526-1535.	3.3	38
59	1,2,3,4-Diepoxybutane-Induced DNAâ€“Protein Cross-Linking in Human Fibrosarcoma (HT1080) Cells. Journal of Proteome Research, 2013, 12, 2151-2164.	3.7	35
60	Quantification of Acylfulveneâ€“ and Illudin Sâ€“DNA Adducts in Cells with Variable Bioactivation Capacities. Chemical Research in Toxicology, 2013, 26, 146-155.	3.3	26
61	Analysis of 4-Hydroxy-1-(3-pyridyl)-1-butanone (HPB)-Releasing DNA Adducts in Human Exfoliated Oral Mucosa Cells by Liquid Chromatographyâ€“Electrospray Ionizationâ€“Tandem Mass Spectrometry. Chemical Research in Toxicology, 2013, 26, 37-45.	3.3	36
62	Translesion Synthesis across 1,N6-(2-Hydroxy-3-hydroxymethylpropan-1,3-diyl)-2â€²-deoxyadenosine (1,N6-Î³-HMHP-dA) Adducts by Human and Archebacterial DNA Polymerases. Journal of Biological Chemistry, 2012, 287, 38800-38811.	3.4	17
63	Epicatechinâ€rich cocoa polyphenol inhibits Krasâ€activated pancreatic ductal carcinoma cell growth in vitro and in a mouse model. International Journal of Cancer, 2012, 131, 1720-1731.	5.1	46
64	Quantitation of 7-Ethylguanine in Leukocyte DNA from Smokers and Nonsmokers by Liquid Chromatographyâ€“Nanoelectrospray-High Resolution Tandem Mass Spectrometry. Chemical Research in Toxicology, 2011, 24, 1729-1734.	3.3	27
65	Analysis of 23 Polycyclic Aromatic Hydrocarbons in Smokeless Tobacco by Gas Chromatographyâˆ'Mass Spectrometry. Chemical Research in Toxicology, 2010, 23, 66-73.	3.3	78
66	Detection of 7-(2â€²-Carboxyethyl)guanine but Not 7-Carboxymethylguanine in Human Liver DNA. Chemical Research in Toxicology, 2010, 23, 1089-1096.	3.3	20
67	Analysis of Phenanthrene and Benzo[a]pyrene Tetraol Enantiomers in Human Urine: Relevance to the Bay Region Diol Epoxide Hypothesis of Benzo[a]pyrene Carcinogenesis and to Biomarker Studies. Chemical Research in Toxicology, 2010, 23, 900-908.	3.3	69
68	A study of the ground and excited states of Al3 and Al3âˆ'. I. 488 nm anion photoelectron spectrum. Journal of Chemical Physics, 2009, 130, 024303.	3.0	15
69	Clear Differences in Levels of a Formaldehyde-DNA Adduct in Leukocytes of Smokers and Nonsmokers. Cancer Research, 2009, 69, 7170-7174.	0.9	63
70	Simultaneous determination of inositol and inositol phosphates in complex biological matrices: quantitative ionâ€exchange chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2009, 23, 705-712.	1.5	44
71	Mass Spectrometric Analysis of a Cyclic 7,8-Butanoguanine Adduct of N-Nitrosopyrrolidine: Comparison to Other N-Nitrosopyrrolidine Adducts in Rat Hepatic DNA. Chemical Research in Toxicology, 2009, 22, 1728-1735.	3.3	9
72	Quantitation of Pyridyloxobutyl DNA Adducts in Nasal and Oral Mucosa of Rats Treated Chronically with Enantiomers of Nâ€²-Nitrosonornicotine. Chemical Research in Toxicology, 2009, 22, 949-956.	3.3	28

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73	Analysis of Pyridyloxobutyl and Pyridylhydroxybutyl DNA Adducts in Extrahepatic Tissues of F344 Rats Treated Chronically with 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and Enantiomers of 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol. Chemical Research in Toxicology, 2009, 22, 926-936.	3.3	46
74	Formation of Formaldehyde Adducts in the Reactions of DNA and Deoxyribonucleosides with Î±-Acetates of 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK), 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol (NNAL), and N-Nitrosodimethylamine (NDMA). Chemical Research in Toxicology, 2008, 21, 746-751.	3.3	30
75	Quantitation of Pyridylhydroxybutyl-DNA Adducts in Liver and Lung of F-344 Rats Treated with 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and Enantiomers of Its Metabolite 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol. Chemical Research in Toxicology, 2008, 21, 1468-1476.	3.3	37
76	Analysis of phenanthrene diol epoxide mercapturic acid detoxification products in human urine: relevance to molecular epidemiology studies of glutathione S -transferase polymorphisms. Carcinogenesis, 2008, 29, 937-943.	2.8	18
77	Analysis of Adducts in Hepatic DNA of Rats Treated with N-Nitrosopyrrolidine. Chemical Research in Toxicology, 2007, 20, 634-640.	3.3	12
78	Development of Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry Methods for Analysis of DNA Adducts of Formaldehyde and Their Application to Rats Treated with N-Nitrosodimethylamine or 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone. Chemical Research in Toxicology, 2007, 20, 1141-1148.	3.3	33
79	Liquid Chromatographyâ€"Electrospray Ionization Tandem Mass Spectrometry Analysis of 7-Ethylguanine in Human Liver DNA. Chemical Research in Toxicology, 2007, 20, 1498-1502.	3.3	28
80	Nucleobase-Dependent Reactivity of a Quinone Metabolite of Pentachlorophenol. Chemical Research in Toxicology, 2007, 20, 913-919.	3.3	31
81	Identification of Adducts Formed in the Reaction of Î±-Acetoxy-N-nitrosopyrrolidine with Deoxyribonucleosides and DNA. Chemical Research in Toxicology, 2007, 20, 625-633.	3.3	15
82	Analysis of Pyridyloxobutyl DNA Adducts in F344 Rats Chronically Treated with (R)- and (S)-Nâ€˜-Nitrosonornicotine. Chemical Research in Toxicology, 2007, 20, 246-256.	3.3	55
83	Detection and Quantitation of Acrolein-Derived 1,N2-Propanodeoxyguanosine Adducts in Human Lung by Liquid Chromatography-Electrospray Ionization-Tandem Mass Spectrometry. Chemical Research in Toxicology, 2007, 20, 565-571.	3.3	110
84	Quantitation of an Acetaldehyde Adduct in Human Leukocyte DNA and the Effect of Smoking Cessation. Chemical Research in Toxicology, 2007, 20, 108-113.	3.3	70
85	Formation and Accumulation of Pyridyloxobutyl DNA Adducts in F344 Rats Chronically Treated with 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone and Enantiomers of Its Metabolite, 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanol. Chemical Research in Toxicology, 2007, 20, 235-245.	3.3	76
86	Analysis of [3â€²,3â€²-d2]-nicotine and [3â€²,3â€²-d2]-cotinine by capillary liquid chromatographyâ€"electrospray tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 857, 1-8.	2.3	51
87	Identification of Adducts Formed in the Reaction of 5â€˜-Acetoxy-Nâ€˜-Nitrosonornicotine with Deoxyguanosine and DNA. Chemical Research in Toxicology, 2006, 19, 426-435.	3.3	18
88	Analysis of Crotonaldehyde- and Acetaldehyde-Derived 1,N2-Propanodeoxyguanosine Adducts in DNA from Human Tissues Using Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry. Chemical Research in Toxicology, 2006, 19, 1386-1392.	3.3	86
89	Quantitation ofN-Acetyl-S-(9,10-dihydro-9-hydroxy-10-phenanthryl)-l-cysteine in Human Urine:Â Comparison with Glutathione-S-transferase Genotypes in Smokers. Chemical Research in Toxicology, 2006, 19, 1234-1240.	3.3	15
90	Quantitation of Pyridyloxobutyl DNA Adducts of Tobacco-Specific Nitrosamines in Rat Tissue DNA by High-Performance Liquid Chromatographyâˆ'Electrospray Ionizationâˆ'Tandem Mass Spectrometry. Chemical Research in Toxicology, 2006, 19, 674-682.	3.3	75

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91	Identification of an Acetaldehyde Adduct in Human Liver DNA and Quantitation asN2-Ethyldeoxyguanosine. Chemical Research in Toxicology, 2006, 19, 319-324.	3.3	121
92	Analysis of Total 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol in Smokers' Blood. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2669-2672.	2.5	31
93	Mass Spectrometric Analysis of Relative Levels of Pyridyloxobutylation Adducts Formed in the Reaction of DNA with a Chemically Activated Form of the Tobacco-Specific Carcinogen 4-(Methylnitrosamino)-1-(3-pyridyl)-1-butanone. Chemical Research in Toxicology, 2005, 18, 1048-1055.	3.3	54
94	Characterization of a Deoxyguanosine Adduct of Tetrachlorobenzoquinone:â€‰ Dichlorobenzoquinone-1,N2-etheno-2â€˜-deoxyguanosine. Chemical Research in Toxicology, 2005, 18, 1770-1776.	3.3	27
95	Effect of relative humidity on the detection of sulfur dioxide and sulfuric acid using a chemical ionization mass spectrometer. International Journal of Mass Spectrometry, 2004, 231, 17-30.	1.5	19
96	Identification of O2-Substituted Pyrimidine Adducts Formed in Reactions of 4-(Acetoxymethylnitrosamino)- 1-(3-pyridyl)-1-butanone and 4-(Acetoxymethylnitros-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (ami	3.3	57
97	Reactions of Formaldehyde Plus Acetaldehyde with Deoxyguanosine and DNA:â€‰ Formation of Cyclic Deoxyguanosine Adducts and Formaldehyde Cross-Links. Chemical Research in Toxicology, 2003, 16, 145-152.	3.3	127
98	Identification of Adducts Formed by Pyridyloxobutylation of Deoxyguanosine and DNA by 4-(Acetoxymethylnitrosamino)-1-(3-pyridyl)-1-butanone, a Chemically Activated Form of Tobacco Specific Carcinogens. Chemical Research in Toxicology, 2003, 16, 616-626.	3.3	91
99	Identification of Adducts Produced by the Reaction of 4-(Acetoxymethylnitrosamino)-1-(3-pyridyl)-1-butanol with Deoxyguanosine and DNA. Chemical Research in Toxicology, 2003, 16, 180-190.	3.3	30
100	Nucleophilic Reactions between Thiols and a Tobacco Specific Nitrosamine Metabolite, 4-Hydroxy-1-(3-pyridyl)-1-butanone. Chemical Research in Toxicology, 2003, 16, 661-667.	3.3	4
101	Ethylation and methylation of hemoglobin in smokers and non-smokers. Carcinogenesis, 2002, 23, 1903-1910.	2.8	42
102	Rate Constant Measurements for the Reaction of HO2with O3from 200 to 300 K Using a Turbulent Flow Reactorâ€. Journal of Physical Chemistry A, 2001, 105, 1583-1591.	2.5	34
103	Reactions of Î±-Acetoxy-N-nitrosopyrrolidine with Deoxyguanosine and DNA. Chemical Research in Toxicology, 2001, 14, 1435-1445.	3.3	30
104	Reactions of 2,6-Dimethyl-1,3-dioxane-4-ol (Aldoxane) with Deoxyguanosine and DNA. Chemical Research in Toxicology, 2001, 14, 1025-1032.	3.3	21
105	A Schiff Base Is a Major DNA Adduct of Crotonaldehyde. Chemical Research in Toxicology, 2001, 14, 423-430.	3.3	35
106	2'-Hydroxylation of nicotine by cytochrome P450 2A6 and human liver microsomes: Formation of a lung carcinogen precursor. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 12493-12497.	7.1	130
107	Identification of DNA Adducts of Acetaldehyde. Chemical Research in Toxicology, 2000, 13, 1149-1157.	3.3	217
108	Identification of Paraldol-Deoxyguanosine Adducts in DNA Reacted with Crotonaldehyde. Chemical Research in Toxicology, 2000, 13, 1065-1074.	3.3	33

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109	Reaction probability of peroxyacetyl radical on aqueous surfaces. Geophysical Research Letters, 1996, 23, 1765-1768.	4.0	28
110	A study of FeCOâ˜' and the 3Î£â˜' and 5Î£â˜' states of FeCO by negative ion photoelectron spectroscopy. Journal of Chemical Physics, 1993, 98, 7730-7742.	3.0	81
111	Negative ion photoelectron spectroscopy of coordinatively unsaturated Group VI metal carbonyls of chromium, molybdenum, and tungsten: Cr(CO)3, Mo(CO)3, and W(CO)3. Journal of the American Chemical Society, 1992, 114, 5257-5268.	13.7	49
112	A study of chromium dimer (Cr2) by negative-ion photoelectron spectroscopy. Journal of the American Chemical Society, 1991, 113, 6688-6689.	13.7	22