

Robert J Turesky

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125
papers

6,238
citations

45
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75
g-index

129
ext. papers

6,795
ext. citations

4.8
avg, IF

5.77
L-index

#	Paper	IF	Citations
125	Aristolochic acid and the etiology of endemic (Balkan) nephropathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12129-34	11.5	447
124	Metabolic activation of carcinogenic heterocyclic aromatic amines by human liver and colon. <i>Carcinogenesis</i> , 1991 , 12, 1839-45	4.6	320
123	Aristolochic acid-associated urothelial cancer in Taiwan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 8241-6	11.5	280
122	Metabolism and biomarkers of heterocyclic aromatic amines in molecular epidemiology studies: lessons learned from aromatic amines. <i>Chemical Research in Toxicology</i> , 2011 , 24, 1169-214	4	209
121	Determination of 8-oxoguanine in DNA by gas chromatography--mass spectrometry and HPLC--electrochemical detection: overestimation of the background level of the oxidized base by the gas chromatography--mass spectrometry assay. <i>Chemical Research in Toxicology</i> , 1995 , 8, 1039-45	4	196
120	Mutational signature of aristolochic acid exposure as revealed by whole-exome sequencing. <i>Science Translational Medicine</i> , 2013 , 5, 197ra102	17.5	178
119	Heterocyclic aromatic amine formation in grilled bacon, beef and fish and in grill scrapings. <i>Carcinogenesis</i> , 1993 , 14, 2313-8	4.6	174
118	Activation of heterocyclic aromatic amines by rat and human liver microsomes and by purified rat and human cytochrome P450 1A2. <i>Chemical Research in Toxicology</i> , 1998 , 11, 925-36	4	166
117	Identification of N-(Deoxyguanosin-8-yl)-2-amino-1-methyl-6-phenylimidazo [4,5-b]pyridine as the major adduct formed by the food-borne carcinogen, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine, with DNA. <i>Chemical Research in Toxicology</i> , 1992 ,	4	165
116	Characterization of DNA adducts formed in vitro by reaction of N-hydroxy-2-amino-3-methylimidazo[4,5-f]quinoline and N-hydroxy-2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline at the C-8 and N2 atoms of guanine. <i>Chemical Research in Toxicology</i> , 1992 , 5, 479-90	4	140
115	Formation and biochemistry of carcinogenic heterocyclic aromatic amines in cooked meats. <i>Toxicology Letters</i> , 2007 , 168, 219-27	4.4	136
114	Aristolactam-DNA adducts are a biomarker of environmental exposure to aristolochic acid. <i>Kidney International</i> , 2012 , 81, 559-67	9.9	135
113	Quantitative determination of polycyclic aromatic hydrocarbons in barbecued meat sausages by gas chromatography coupled to mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 1160-6	5.7	134
112	Oxidative damage and stress response from ochratoxin a exposure in rats. <i>Free Radical Biology and Medicine</i> , 2001 , 30, 1089-98	7.8	133
111	DNA adductomics. <i>Chemical Research in Toxicology</i> , 2014 , 27, 356-66	4	123
110	Identification of aminobiphenyl derivatives in commercial hair dyes. <i>Chemical Research in Toxicology</i> , 2003 , 16, 1162-73	4	117
109	Heterocyclic aromatic amine metabolism, DNA adduct formation, mutagenesis, and carcinogenesis. <i>Drug Metabolism Reviews</i> , 2002 , 34, 625-50	7	108

108	Quantitation of 13 heterocyclic aromatic amines in cooked beef, pork, and chicken by liquid chromatography-electrospray ionization/tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 68-78	5.7	82
107	Formation and analysis of heterocyclic aromatic amine-DNA adducts in vitro and in vivo. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 802, 155-66	3.2	81
106	Glucuronidation of N-hydroxy heterocyclic amines by human and rat liver microsomes. <i>Carcinogenesis</i> , 1994 , 15, 1695-701	4.6	79
105	Macromolecular adduct formation and metabolism of heterocyclic amines in humans and rodents at low doses. <i>Cancer Letters</i> , 1999 , 143, 149-55	9.9	78
104	Novel LC-ESI/MS/MS(n) method for the characterization and quantification of 2-Deoxyguanosine adducts of the dietary carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by 2-D linear quadrupole ion trap mass spectrometry. <i>Chemical Research in Toxicology</i> , 2007 , 20, 263-76	4	75
103	Quantitation of carcinogenic heterocyclic aromatic amines and detection of novel heterocyclic aromatic amines in cooked meats and grill scrapings by HPLC/ESI-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 3248-58	5.7	75
102	Biomonitoring of aristolactam-DNA adducts in human tissues using ultra-performance liquid chromatography/ion-trap mass spectrometry. <i>Chemical Research in Toxicology</i> , 2012 , 25, 1119-31	4	72
101	Screening for DNA adducts by data-dependent constant neutral loss-triple stage mass spectrometry with a linear quadrupole ion trap mass spectrometer. <i>Analytical Chemistry</i> , 2009 , 81, 809-19 ⁸	7.8	71
100	Determination of in vitro formed DNA adducts of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine using capillary liquid chromatography/electrospray ionization/tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , 1995 , 8, 1005-13	4	68
99	Metabolism of heterocyclic aromatic amines by human hepatocytes and cytochrome P4501A2. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002 , 506-507, 187-95	3.3	64
98	Metabolism of the food-borne mutagen 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in humans. <i>Chemical Research in Toxicology</i> , 1998 , 11, 217-25	4	64
97	Binding of 2-amino-3-methylimidazo[4,5-f]quinoline to hemoglobin and albumin in vivo in the rat. Identification of an adduct suitable for dosimetry. <i>Carcinogenesis</i> , 1987 , 8, 1537-42	4.6	64
96	Biomonitoring Human Albumin Adducts: The Past, the Present, and the Future. <i>Chemical Research in Toxicology</i> , 2017 , 30, 332-366	4	63
95	Identification of carcinogen DNA adducts in human saliva by linear quadrupole ion trap/multistage tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , 2010 , 23, 1234-44	4	61
94	Metabolism of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in human hepatocytes: 2-amino-3-methylimidazo[4,5-f]quinoxaline-8-carboxylic acid is a major detoxification pathway catalyzed by cytochrome P450 1A2. <i>Chemical Research in Toxicology</i> , 2001 , 14, 211-21	4	61
93	DNA adduct formation of 4-aminobiphenyl and heterocyclic aromatic amines in human hepatocytes. <i>Chemical Research in Toxicology</i> , 2011 , 24, 913-25	4	59
92	Structure of the single stable hemoglobin adduct formed by 4-aminobiphenyl in vivo. <i>Chemical Research in Toxicology</i> , 1988 , 1, 22-4	4	59
91	Sulfamate formation is a major route for detoxification of 2-amino-3-methylimidazo[4,5-f]quinoline in the rat. <i>Carcinogenesis</i> , 1986 , 7, 1483-5	4.6	55

90	Differential metabolism of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in rat and human hepatocytes. <i>Carcinogenesis</i> , 2002 , 23, 115-22	4.6	52
89	DNA adduct formation of the food carcinogen 2-amino-3-methylimidazo[4,5-f]quinoline at the C-8 and N2 atoms of guanine. <i>Chemical Research in Toxicology</i> , 1994 , 7, 752-61	4	52
88	Simultaneous detection of multiple DNA adducts in human lung samples by isotope-dilution UPLC-MS/MS. <i>Analytical Chemistry</i> , 2015 , 87, 641-8	7.8	49
87	Inter-individual differences in the metabolism of environmental toxicants: cytochrome P450 1A2 as a prototype. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999 , 428, 115-24	3.3	49
86	Determination of in vitro- and in vivo-formed DNA adducts of 2-amino-3-methylimidazo[4,5-f]quinoline by capillary liquid chromatography/microelectrospray mass spectrometry. <i>Chemical Research in Toxicology</i> , 1999 , 12, 1019-27	4	49
85	Biomonitoring DNA Adducts of Cooked Meat Carcinogens in Human Prostate by Nano Liquid Chromatography-High Resolution Tandem Mass Spectrometry: Identification of 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine DNA Adduct. <i>Analytical Chemistry</i> , 2016 , 88, 12508-12515	7.8	48
84	Interspecies differences in metabolism of heterocyclic aromatic amines by rat and human P450 1A2. <i>Cancer Letters</i> , 1999 , 143, 109-12	9.9	47
83	Aristolochic Acid in the Etiology of Renal Cell Carcinoma. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 1600-1608	4	46
82	Metabolism of food-derived heterocyclic amines in nonhuman primates. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997 , 376, 203-10	3.3	46
81	Rapid biomonitoring of heterocyclic aromatic amines in human urine by tandem solvent solid phase extraction liquid chromatography electrospray ionization mass spectrometry. <i>Chemical Research in Toxicology</i> , 2004 , 17, 1121-36	4	46
80	Analysis and quantification of DNA adducts of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in liver of rats by liquid chromatography/electrospray tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , 2002 , 15, 551-61	4	43
79	Interspecies metabolism of heterocyclic aromatic amines and the uncertainties in extrapolation of animal toxicity data for human risk assessment. <i>Molecular Nutrition and Food Research</i> , 2005 , 49, 101-17	5.9	40
78	DNA adducts of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine and 4-aminobiphenyl are infrequently detected in human mammary tissue by liquid chromatography/tandem mass spectrometry. <i>Carcinogenesis</i> , 2012 , 33, 124-30	4.6	38
77	Human formalin-fixed paraffin-embedded tissues: an untapped specimen for biomonitoring of carcinogen DNA adducts by mass spectrometry. <i>Analytical Chemistry</i> , 2013 , 85, 4251-8	7.8	37
76	Determination of apurinic/apyrimidinic lesions in DNA with high-performance liquid chromatography and tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , 2006 , 19, 300-9	4	36
75	Biomonitoring of carcinogenic heterocyclic aromatic amines in hair: a validation study. <i>Chemical Research in Toxicology</i> , 2009 , 22, 1454-63	4	35
74	Regioselective differences in C(8)- and N-oxidation of 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline by human and rat liver microsomes and cytochromes P450 1A2. <i>Chemical Research in Toxicology</i> , 2001 , 14, 901-11	4	35
73	Identification of 2-amino-1,7-dimethylimidazo[4,5-g]quinoxaline: an abundant mutagenic heterocyclic aromatic amine formed in cooked beef. <i>Chemical Research in Toxicology</i> , 2007 , 20, 520-30	4	33

72	Aristolochic acid exposure in Romania and implications for renal cell carcinoma. <i>British Journal of Cancer</i> , 2016 , 114, 76-80	8.7	30
71	The effects of coffee on enzymes involved in metabolism of the dietary carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in rats. <i>Chemico-Biological Interactions</i> , 2003 , 145, 251-255	5.65	30
70	Data-Independent Mass Spectrometry Approach for Screening and Identification of DNA Adducts. <i>Analytical Chemistry</i> , 2017 , 89, 11728-11736	7.8	29
69	Methemoglobin Formation and Characterization of Hemoglobin Adducts of Carcinogenic Aromatic Amines and Heterocyclic Aromatic Amines. <i>Chemical Research in Toxicology</i> , 2016 , 29, 255-69	4	29
68	Formation of deoxyguanosine cross-links from calf thymus DNA treated with acrolein and 4-hydroxy-2-nonenal. <i>Chemical Research in Toxicology</i> , 2010 , 23, 1701-13	4	29
67	Formation and differential removal of C-8 and N2-guanine adducts of the food carcinogen 2-amino-3-methylimidazo[4,5-f]quinoline in the liver, kidney, and colorectum of the rat. <i>Chemical Research in Toxicology</i> , 1996 , 9, 397-402	4	29
66	Multiclass Carcinogenic DNA Adduct Quantification in Formalin-Fixed Paraffin-Embedded Tissues by Ultrapformance Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2016 , 88, 4780-7	7.8	27
65	DNA adducts: Formation, biological effects, and new biospecimens for mass spectrometric measurements in humans. <i>Mass Spectrometry Reviews</i> , 2020 , 39, 55-82	11	27
64	Mechanistic Evidence for Red Meat and Processed Meat Intake and Cancer Risk: A Follow-up on the International Agency for Research on Cancer Evaluation of 2015. <i>Chimia</i> , 2018 , 72, 718-724	1.3	27
63	Mutational and DNA binding specificity of the carcinogen 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline. <i>Journal of Biological Chemistry</i> , 1996 , 271, 18368-74	5.4	25
62	Formation and persistence of DNA adducts of 2-amino-3-methylimidazo[4,5-f]quinoline in the rat and nonhuman primates. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997 , 376, 235-41	3.3	24
61	Tobacco smoking and urinary levels of 2-amino-9H-pyrido[2,3-b]indole in men of Shanghai, China. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 1554-60	4	24
60	Metabolism of the food mutagen 2-amino-3-methylimidazo[4,5-f]quinoline in nonhuman primates undergoing carcinogen bioassay. <i>Chemical Research in Toxicology</i> , 1992 , 5, 843-51	4	24
59	Targeted and Untargeted Detection of DNA Adducts of Aromatic Amine Carcinogens in Human Bladder by Ultra-Performance Liquid Chromatography-High-Resolution Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2018 , 31, 1382-1397	4	24
58	Biomonitoring the cooked meat carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in hair: impact of exposure, hair pigmentation, and cytochrome P450 1A2 phenotype. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 356-64	4	22
57	A comprehensive approach to the profiling of the cooked meat carcinogens 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine, and their metabolites in human urine. <i>Chemical Research in Toxicology</i> , 2010 , 23, 788-801	4	22
56	Mass Spectrometric Characterization of Human Serum Albumin Adducts Formed with N-Oxidized Metabolites of 2-Amino-1-methylphenylimidazo[4,5-b]pyridine in Human Plasma and Hepatocytes. <i>Chemical Research in Toxicology</i> , 2015 , 28, 1045-59	4	21
55	Optimizing proteolytic digestion conditions for the analysis of serum albumin adducts of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine, a potential human carcinogen formed in cooked meat. <i>Journal of Proteomics</i> , 2014 , 103, 267-78	3.9	21

54	Mass spectrometric characterization of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine N-oxidized metabolites bound at Cys34 of human serum albumin. <i>Chemical Research in Toxicology</i> , 2011 , 24, 2004-17	4	21
53	Bioactivation of Heterocyclic Aromatic Amines by UDP Glucuronosyltransferases. <i>Chemical Research in Toxicology</i> , 2016 , 29, 879-91	4	21
52	DNA adducts of the tobacco carcinogens 2-amino-9H-pyrido[2,3-b]indole and 4-aminobiphenyl are formed at environmental exposure levels and persist in human hepatocytes. <i>Chemical Research in Toxicology</i> , 2013 , 26, 1367-77	4	20
51	Formalin-fixed paraffin-embedded tissue as a source for quantitation of carcinogen DNA adducts: aristolochic acid as a prototype carcinogen. <i>Carcinogenesis</i> , 2014 , 35, 2055-61	4.6	20
50	The impact of NAT2 acetylator genotype on mutagenesis and DNA adducts from 2-amino-9H-pyrido[2,3-b]indole. <i>Chemical Research in Toxicology</i> , 2009 , 22, 726-33	4	20
49	Quantitation of Apurinic/Apyrimidinic Sites in Isolated DNA and in Mammalian Tissue with a Reduced Level of Artifacts. <i>Analytical Chemistry</i> , 2019 , 91, 7403-7410	7.8	19
48	Ultraperformance liquid chromatography-tandem mass spectrometry method for biomonitoring cooked meat carcinogens and their metabolites in human urine. <i>Analytical Chemistry</i> , 2011 , 83, 1093-1017	7.8	19
47	Biomonitoring of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) and its carcinogenic metabolites in urine. <i>Chemical Research in Toxicology</i> , 2009 , 22, 1096-105	4	19
46	UDP-glucuronosyltransferase-mediated metabolic activation of the tobacco carcinogen 2-amino-9H-pyrido[2,3-b]indole. <i>Journal of Biological Chemistry</i> , 2012 , 287, 14960-72	5.4	19
45	Comparative DNA adduct formation and induction of colonic aberrant crypt foci in mice exposed to 2-amino-9H-pyrido[2,3-b]indole, 2-amino-3,4-dimethylimidazo[4,5-f]quinoline, and azoxymethane. <i>Environmental and Molecular Mutagenesis</i> , 2016 , 57, 125-36	3.2	19
44	New Approaches for Biomonitoring Exposure to the Human Carcinogen Aristolochic Acid. <i>Toxicology Research</i> , 2015 , 4, 763-776	2.6	18
43	Metabolic Activation of the Cooked Meat Carcinogen 2-Amino-1-Methyl-6-Phenylimidazo[4,5-b]Pyridine in Human Prostate. <i>Toxicological Sciences</i> , 2018 , 163, 543-556	4.4	18
42	Dose validation of PhIP hair level as a biomarker of heterocyclic aromatic amines exposure: a feeding study. <i>Carcinogenesis</i> , 2016 , 37, 685-691	4.6	18
41	Mapping serum albumin adducts of the food-borne carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by data-dependent tandem mass spectrometry. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2179-93	4	18
40	Emerging Technologies in Mass Spectrometry-Based DNA Adductomics. <i>High-Throughput</i> , 2019 , 8,	4.3	17
39	Effect of Cytochrome P450 Reductase Deficiency on 2-Amino-9H-pyrido[2,3-b]indole Metabolism and DNA Adduct Formation in Liver and Extrahepatic Tissues of Mice. <i>Chemical Research in Toxicology</i> , 2015 , 28, 2400-10	4	17
38	Formation of a mutagenic heterocyclic aromatic amine from creatinine in urine of meat eaters and vegetarians. <i>Chemical Research in Toxicology</i> , 2005 , 18, 579-90	4	17
37	Characterization of nitrogen mustard formamidopyrimidine adduct formation of bis(2-chloroethyl)ethylamine with calf thymus DNA and a human mammary cancer cell line. <i>Chemical Research in Toxicology</i> , 2015 , 28, 1850-60	4	16

36	2-Amino-9H-pyrido[2,3-b]indole (AI) Adducts and Thiol Oxidation of Serum Albumin as Potential Biomarkers of Tobacco Smoke. <i>Journal of Biological Chemistry</i> , 2015 , 290, 16304-18	5.4	16
35	Measurement of the Heterocyclic Amines 2-Amino-9H-pyrido[2,3-b]indole and 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in Urine: Effects of Cigarette Smoking. <i>Chemical Research in Toxicology</i> , 2015 , 28, 2390-9	4	16
34	Capturing labile sulfenamide and sulfinamide serum albumin adducts of carcinogenic arylamines by chemical oxidation. <i>Analytical Chemistry</i> , 2013 , 85, 1065-72	7.8	15
33	DNA adduct formation of 2-amino-9H-pyrido[2,3-b]indole and 2-amino-3,4-dimethylimidazo[4,5-f]quinoline in mouse liver and extrahepatic tissues during a subchronic feeding study. <i>Toxicological Sciences</i> , 2013 , 133, 248-58	4.4	14
32	A Rapid Throughput Method To Extract DNA from Formalin-Fixed Paraffin-Embedded Tissues for Biomonitoring Carcinogenic DNA Adducts. <i>Chemical Research in Toxicology</i> , 2017 , 30, 2130-2139	4	14
31	Quantification of Hemoglobin and White Blood Cell DNA Adducts of the Tobacco Carcinogens 2-Amino-9H-pyrido[2,3-b]indole and 4-Aminobiphenyl Formed in Humans by Nanoflow Liquid Chromatography/Ion Trap Multistage Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2017 , 30, 1888-1918	4	13
30	Novel Transgenic Mouse Model for Studying Human Serum Albumin as a Biomarker of Carcinogenic Exposure. <i>Chemical Research in Toxicology</i> , 2016 , 29, 797-809	4	13
29	Mass Spectrometric Characterization of an Acid-Labile Adduct Formed with 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine and Albumin in Humans. <i>Chemical Research in Toxicology</i> , 2017 , 30, 705-714	4	12
28	Human Biomonitoring of DNA Adducts by Ion Trap Multistage Mass Spectrometry. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2016 , 66, 7.24.1-7.24.25	0.5	12
27	Biomonitoring the cooked meat carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in canine fur. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 9371-5	5.7	11
26	Method to Biomonitor the Cooked Meat Carcinogen 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in Dyed Hair by Ultra-Performance Liquid Chromatography-Orbitrap High Resolution Multistage Mass Spectrometry. <i>Analytical Chemistry</i> , 2015 , 87, 5872-7	7.8	10
25	Human T lymphocytes bioactivate heterocyclic aromatic amines by forming DNA adducts. <i>Environmental and Molecular Mutagenesis</i> , 2016 , 57, 656-667	3.2	10
24	Biomonitoring an albumin adduct of the cooked meat carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in humans. <i>Carcinogenesis</i> , 2018 , 39, 1455-1462	4.6	10
23	Metabolism of the Tobacco Carcinogen 2-Amino-9H-pyrido[2,3-b]indole (AI) in Primary Human Hepatocytes. <i>Chemical Research in Toxicology</i> , 2017 , 30, 657-668	4	9
22	Neuromelanin Modulates Heterocyclic Aromatic Amine-Induced Dopaminergic Neurotoxicity. <i>Toxicological Sciences</i> , 2020 , 173, 171-188	4.4	8
21	Aromatic Amines and Heterocyclic Aromatic Amines: From Tobacco Smoke to Food Mutagens	157-183	8
20	Methods and Challenges for Computational Data Analysis for DNA Adductomics. <i>Chemical Research in Toxicology</i> , 2019 , 32, 2156-2168	4	7
19	Caffeine Cytochrome P450 1A2 Metabolic Phenotype Does Not Predict the Metabolism of Heterocyclic Aromatic Amines in Humans. <i>Chemical Research in Toxicology</i> , 2015 , 28, 1603-15	4	7

18	Quantitation of Lipid Peroxidation Product DNA Adducts in Human Prostate by Tandem Mass Spectrometry: A Method That Mitigates Artifacts. <i>Chemical Research in Toxicology</i> , 2019 , 32, 1850-1862	4	7
17	Metabolism and biomarkers of heterocyclic aromatic amines in humans. <i>Genes and Environment</i> , 2021 , 43, 29	2.8	6
16	Bioactivation of the tobacco carcinogens 4-aminobiphenyl (4-ABP) and 2-amino-9H-pyrido[2,3-b]indole (A ⁺) in human bladder RT4 cells. <i>Archives of Toxicology</i> , 2019 , 93, 1893-1902	5.8	5
15	Development of a DNA Adductome Mass Spectral Database. <i>Chemical Research in Toxicology</i> , 2020 , 33, 852-854	4	5
14	Method for Biomonitoring DNA Adducts in Exfoliated Urinary Cells by Mass Spectrometry. <i>Analytical Chemistry</i> , 2018 , 90, 9943-9950	7.8	5
13	Dietary Carcinogens and DNA Adducts in Prostate Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2019 , 1210, 29-55	3.6	5
12	Formalin-Fixed Paraffin-Embedded Tissues-An Untapped Biospecimen for Biomonitoring DNA Adducts by Mass Spectrometry. <i>Toxics</i> , 2018 , 6,	4.7	4
11	Cytochrome P450-mediated metabolism and DNA binding of 2-amino-1,7-dimethylimidazo[4,5-g]quinoxaline and its carcinogenic isomer 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline in mice. <i>Chemical Research in Toxicology</i> , 2012 , 25, 410-21	4	4
10	Mass Spectrometric Quantitation of Apurinic/Apyrimidinic Sites in Tissue DNA of Rats Exposed to Tobacco-Specific Nitrosamines and in Lung and Leukocyte DNA of Cigarette Smokers and Nonsmokers. <i>Chemical Research in Toxicology</i> , 2020 , 33, 2475-2486	4	3
9	Mutagenicity of 2-hydroxyamino-1-methyl-6-phenylimidazo[4,5-b]pyridine (N-OH-PhIP) in human TP53 knock-in (Hupki) mouse embryo fibroblasts. <i>Food and Chemical Toxicology</i> , 2021 , 147, 111855	4.7	3
8	Applying Tobacco, Environmental, and Dietary-Related Biomarkers to Understand Cancer Etiology and Evaluate Prevention Strategies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2020 , 29, 1904-1914	4	2
7	Kinetics of DNA Adducts and Abasic Site Formation in Tissues of Mice Treated with a Nitrogen Mustard. <i>Chemical Research in Toxicology</i> , 2020 , 33, 988-998	4	2
6	Comprehensive Analysis of DNA Adducts Using Data-Independent wSIM/MS Acquisition and wSIM-City. <i>Analytical Chemistry</i> , 2021 , 93, 6491-6500	7.8	1
5	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.. <i>Chemical Research in Toxicology</i> , 2022 ,	4	1
4	Additive Effects of Arsenic and Aristolochic Acid in Chemical Carcinogenesis of Upper Urinary Tract Urothelium. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 317-325	4	0
3	Cytotoxicity and genotoxicity of the carcinogen aristolochic acid I (AA-I) in human bladder RT4 cells. <i>Archives of Toxicology</i> , 2021 , 95, 2189-2199	5.8	0
2	Heterocyclic Aromatic Amines: An Update on the Science 2019 , 550-558		
1	Risk of two common glandular cell-type cancers (breast and colorectal cancers) in Chinese occupational chefs: a nationwide ecological study in Taiwan. <i>International Archives of Occupational and Environmental Health</i> , 2021 , 94, 1363-1373	3.2	

