

Frederick A Beland

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3407479/publications.pdf>

Version: 2024-02-01

350
papers

15,843
citations

15504

65
h-index

31849

101
g-index

359
all docs

359
docs citations

359
times ranked

11726
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicity of high-molecular-weight polyethylene glycols in Sprague Dawley rats. <i>Toxicology Letters</i> , 2022, 359, 22-30.	0.8	4
2	Non-alcoholic fatty liver disease-associated DNA methylation and gene expression alterations in the livers of Collaborative Cross mice fed an obesogenic high-fat and high-sucrose diet. <i>Epigenetics</i> , 2022, 17, 1462-1476.	2.7	5
3	Lipidomic profiling of the hepatic esterified fatty acid composition in diet-induced nonalcoholic fatty liver disease in genetically diverse Collaborative Cross mice. <i>Journal of Nutritional Biochemistry</i> , 2022, 109, 109108.	4.2	3
4	Covalent Histone Modification by an Electrophilic Derivative of the Anti-HIV Drug Nevirapine. <i>Molecules</i> , 2021, 26, 1349.	3.8	4
5	In vivo localization and postmortem stability of benzo[a]pyrene-DNA adducts. <i>Environmental and Molecular Mutagenesis</i> , 2020, 61, 216-223.	2.2	0
6	Apoptosis contributes to the cytotoxicity induced by amodiaquine and its major metabolite N-desethylamodiaquine in hepatic cells. <i>Toxicology in Vitro</i> , 2020, 62, 104669.	2.4	4
7	Epigenetic effects of low-level sodium arsenite exposure on human liver HepaRG cells. <i>Archives of Toxicology</i> , 2020, 94, 3993-4005.	4.2	15
8	Butyrate-containing structured lipids inhibit RAC1 and epithelial-to-mesenchymal transition markers: a chemopreventive mechanism against hepatocarcinogenesis. <i>Journal of Nutritional Biochemistry</i> , 2020, 86, 108496.	4.2	8
9	Characterization of the variability in the extent of nonalcoholic fatty liver induced by a high-fat diet in the genetically diverse Collaborative Cross mouse model. <i>FASEB Journal</i> , 2020, 34, 7773-7785.	0.5	19
10	Comparative pharmacokinetic and biodistribution study of two distinct squalene-containing oil-in-water emulsion adjuvants in H5N1 influenza vaccines. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 108, 104436.	2.7	12
11	Gene Expression and DNA Methylation Alterations in the Glycine N-Methyltransferase Gene in Diet-Induced Nonalcoholic Fatty Liver Disease-Associated Carcinogenesis. <i>Toxicological Sciences</i> , 2019, 170, 273-282.	3.1	28
12	Gene Expression and DNA Methylation Alterations During Non-alcoholic Steatohepatitis-Associated Liver Carcinogenesis. <i>Frontiers in Genetics</i> , 2019, 10, 486.	2.3	26
13	Experimental and pan-cancer genome analyses reveal widespread contribution of acrylamide exposure to carcinogenesis in humans. <i>Genome Research</i> , 2019, 29, 521-531.	5.5	57
14	Genotoxic and Epigenotoxic Alterations in the Lung and Liver of Mice Induced by Acrylamide: A 28 Day Drinking Water Study. <i>Chemical Research in Toxicology</i> , 2019, 32, 869-877.	3.3	27
15	Identification of chromatin-accessible domains in non-alcoholic steatohepatitis-derived hepatocellular carcinoma. <i>Molecular Carcinogenesis</i> , 2018, 57, 978-987.	2.7	22
16	Application of the key characteristics of carcinogens in cancer hazard identification. <i>Carcinogenesis</i> , 2018, 39, 614-622.	2.8	90
17	Epigenetically mediated inhibition of S-adenosylhomocysteine hydrolase and the associated dysregulation of 1-carbon metabolism in nonalcoholic steatohepatitis and hepatocellular carcinoma. <i>FASEB Journal</i> , 2018, 32, 1591-1601.	0.5	23
18	Role of peroxisome proliferator-activated receptor alpha (PPAR α) and PPAR α -mediated species differences in triclosan-induced liver toxicity. <i>Archives of Toxicology</i> , 2018, 92, 3391-3402.	4.2	19

#	ARTICLE	IF	CITATIONS
19	Effects of human sulfotransferases on the cytotoxicity of 12-hydroxynevirapine. <i>Biochemical Pharmacology</i> , 2018, 155, 455-467.	4.4	5
20	Effect of aflatoxin B1, benzo[a]pyrene, and methapyrilene on transcriptomic and epigenetic alterations in human liver HepaRG cells. <i>Food and Chemical Toxicology</i> , 2018, 121, 214-223.	3.6	27
21	Organ-specific epigenetic changes induced by the non-genotoxic liver carcinogen methapyrilene in Fischer 344 rats. <i>Toxicological Sciences</i> , 2017, 156, kfw242.	3.1	7
22	Furan-induced transcriptomic and gene-specific DNA methylation changes in the livers of Fischer 344 rats in a 2-year carcinogenicity study. <i>Archives of Toxicology</i> , 2017, 91, 1233-1243.	4.2	30
23	Photo-carcinogenesis of Topically Applied Retinyl Palmitate in SKH-1 Hairless Mice. <i>Photochemistry and Photobiology</i> , 2017, 93, 1096-1114.	2.5	3
24	Detection of Pyrrolizidine Alkaloid DNA Adducts in Livers of Cattle Poisoned with <i>Heliotropium europaeum</i> . <i>Chemical Research in Toxicology</i> , 2017, 30, 851-858.	3.3	27
25	Cytochrome P450-mediated metabolism of triclosan attenuates its cytotoxicity in hepatic cells. <i>Archives of Toxicology</i> , 2017, 91, 2405-2423.	4.2	37
26	Inhibition of the Cell Death Pathway in Nonalcoholic Steatohepatitis (NASH)-Related Hepatocarcinogenesis Is Associated with Histone H4 lysine 16 Deacetylation. <i>Molecular Cancer Research</i> , 2017, 15, 1163-1172.	3.4	40
27	From the Cover: Aloin, a Component of the Aloe Vera Plant Leaf, Induces Pathological Changes and Modulates the Composition of Microbiota in the Large Intestines of F344/N Male Rats. <i>Toxicological Sciences</i> , 2017, 158, 302-318.	3.1	34
28	miR-1247 blocks SOX9-mediated regeneration in alcohol- and fibrosis-associated acute kidney injury in mice. <i>Toxicology</i> , 2017, 384, 40-49.	4.2	12
29	Effect of methapyrilene hydrochloride on hepatic intracellular iron metabolism in vivo and in vitro. <i>Toxicology Letters</i> , 2017, 281, 65-73.	0.8	7
30	The role of epigenomic alterations in furan-induced hepatobiliary pathologies. <i>Food and Chemical Toxicology</i> , 2017, 109, 677-682.	3.6	18
31	Low dose assessment of the carcinogenicity of furan in male F344/N Nctr rats in a 2-year gavage study. <i>Food and Chemical Toxicology</i> , 2017, 99, 170-181.	3.6	44
32	Absorption and metabolism of triclosan after application to the skin of B6C3F1 mice. <i>Environmental Toxicology</i> , 2016, 31, 609-623.	4.0	44
33	MicroRNA-152-mediated dysregulation of hepatic transferrin receptor 1 in liver carcinogenesis. <i>Oncotarget</i> , 2016, 7, 1276-1287.	1.8	70
34	Pyrrolizidine Alkaloid-Protein Adducts: Potential Non-invasive Biomarkers of Pyrrolizidine Alkaloid-Induced Liver Toxicity and Exposure. <i>Chemical Research in Toxicology</i> , 2016, 29, 1282-1292.	3.3	39
35	Differentially expressed MicroRNAs provide mechanistic insight into fibrosis-associated liver carcinogenesis in mice. <i>Molecular Carcinogenesis</i> , 2016, 55, 808-817.	2.7	11
36	Effect of triclosan, triclocarban, 2,2,4,4-tetrabromodiphenyl ether, and bisphenol A on the iodide uptake, thyroid peroxidase activity, and expression of genes involved in thyroid hormone synthesis. <i>Toxicology in Vitro</i> , 2016, 32, 310-319.	2.4	89

#	ARTICLE	IF	CITATIONS
37	Pharmacokinetics and biodistribution of squalene-containing emulsion adjuvant following intramuscular injection of H5N1 influenza vaccine in mice. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 81, 113-119.	2.7	18
38	Irreversible down-regulation of miR-375 in the livers of Fischer 344 rats after chronic furan exposure. <i>Food and Chemical Toxicology</i> , 2016, 98, 2-10.	3.6	18
39	New insights into the molecular mechanisms of chemical carcinogenesis: In vivo adduction of histone H2B by a reactive metabolite of the chemical carcinogen furan. <i>Toxicology Letters</i> , 2016, 264, 106-113.	0.8	26
40	Status of hepatic DNA methylome predetermines and modulates the severity of non-alcoholic fatty liver injury in mice. <i>BMC Genomics</i> , 2016, 17, 298.	2.8	32
41	MicroRNA Responses to the Genotoxic Carcinogens Aflatoxin B ₁ and Benzo[<i>a</i>]pyrene in Human HepaRG Cells. <i>Toxicological Sciences</i> , 2016, 149, 496-502.	3.1	37
42	The role of microRNAs in the development and progression of chemical-associated cancers. <i>Toxicology and Applied Pharmacology</i> , 2016, 312, 3-10.	2.8	20
43	Human Sulfotransferases Enhance the Cytotoxicity of Tolvaptan. <i>Toxicological Sciences</i> , 2016, 150, 27-39.	3.1	12
44	MicroRNA changes, activation of progenitor cells and severity of liver injury in mice induced by choline and folate deficiency. <i>Journal of Nutritional Biochemistry</i> , 2016, 28, 83-90.	4.2	24
45	Suppressing activity of tributyrin on hepatocarcinogenesis is associated with inhibiting the p53-CRM1 interaction and changing the cellular compartmentalization of p53 protein. <i>Oncotarget</i> , 2016, 7, 24339-24347.	1.8	14
46	Extracellular signal-regulated kinases 1/2 and Akt contribute to triclosan-stimulated proliferation of JB6 Cl 41-5a cells. <i>Archives of Toxicology</i> , 2015, 89, 1297-1311.	4.2	19
47	Dose-response assessment of the dermal toxicity of triclosan in B6C3F1 mice. <i>Toxicology Research</i> , 2015, 4, 867-877.	2.1	20
48	IARC Monographs: 40 Years of Evaluating Carcinogenic Hazards to Humans. <i>Environmental Health Perspectives</i> , 2015, 123, 507-514.	6.0	86
49	Persistence of Furan-Induced Epigenetic Aberrations in the Livers of F344 Rats. <i>Toxicological Sciences</i> , 2015, 144, 217-226.	3.1	27
50	The role for microRNAs in drug toxicity and in safety assessment. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2015, 11, 601-611.	3.3	33
51	Mechanisms of tolvaptan-induced toxicity in HepG2 cells. <i>Biochemical Pharmacology</i> , 2015, 95, 324-336.	4.4	29
52	Quinoid derivatives of the nevirapine metabolites 2-hydroxy- and 3-hydroxy-nevirapine: activation pathway to amino acid adducts. <i>Toxicology Research</i> , 2015, 4, 1565-1577.	2.1	4
53	Evaluation of serum and liver toxicokinetics for furan and liver DNA adduct formation in male Fischer 344 rats. <i>Food and Chemical Toxicology</i> , 2015, 86, 1-8.	3.6	27
54	Carcinogenicity of glycidamide in B6C3F1 mice and F344/N rats from a two-year drinking water exposure. <i>Food and Chemical Toxicology</i> , 2015, 86, 104-115.	3.6	41

#	ARTICLE	IF	CITATIONS
55	Differential gene expression in human hepatocyte cell lines exposed to the antiretroviral agent zidovudine. <i>Archives of Toxicology</i> , 2014, 88, 609-23.	4.2	9
56	Cerebellar Oxidative DNA Damage and Altered DNA Methylation in the BTBR T+tf/J Mouse Model of Autism and Similarities with Human Post Mortem Cerebellum. <i>PLoS ONE</i> , 2014, 9, e113712.	2.5	75
57	Noncoding RNA response to xenobiotic exposure: an indicator of toxicity and carcinogenicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014, 10, 1409-1422.	3.3	35
58	Transcriptomic responses provide a new mechanistic basis for the chemopreventive effects of folic acid and tributyrin in rat liver carcinogenesis. <i>International Journal of Cancer</i> , 2014, 135, 7-18.	5.1	20
59	Effect of methionine-deficient and methionine-supplemented diets on the hepatic one-carbon and lipid metabolism in mice. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1502-1512.	3.3	39
60	Interstrain differences in the progression of nonalcoholic steatohepatitis to fibrosis in mice are associated with altered hepatic iron metabolism. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1235-1242.	4.2	21
61	Genotoxic, epigenetic, and transcriptomic effects of tamoxifen in mouse liver. <i>Toxicology</i> , 2014, 325, 12-20.	4.2	8
62	Genetic and epigenetic changes in fibrosis-associated hepatocarcinogenesis in mice. <i>International Journal of Cancer</i> , 2014, 134, 2778-2788.	5.1	39
63	Differential effects of triclosan on the activation of mouse and human peroxisome proliferator-activated receptor alpha. <i>Toxicology Letters</i> , 2014, 231, 17-28.	0.8	20
64	Acrolein- and 4-Aminobiphenyl-DNA adducts in human bladder mucosa and tumor tissue and their mutagenicity in human urothelial cells. <i>Oncotarget</i> , 2014, 5, 3526-3540.	1.8	45
65	Role of epigenetic and miR-22 and miR-29b alterations in the downregulation of <i>Mat1a</i> and <i>Mthfr</i> genes in early preneoplastic livers in rats induced by 2-acetylaminofluorene. <i>Molecular Carcinogenesis</i> , 2013, 52, 318-327.	2.7	36
66	Strain-dependent dysregulation of one-carbon metabolism in male mice is associated with choline- and folate-deficient diet-induced liver injury. <i>FASEB Journal</i> , 2013, 27, 2233-2243.	0.5	28
67	The chemopreventive activity of the butyric acid prodrug tributyrin in experimental rat hepatocarcinogenesis is associated with p53 acetylation and activation of the p53 apoptotic signaling pathway. <i>Carcinogenesis</i> , 2013, 34, 1900-1906.	2.8	35
68	Clear Evidence of Carcinogenic Activity by a Whole-Leaf Extract of <i>Aloe barbadensis</i> Miller (<i>Aloe vera</i>) in F344/N Rats. <i>Toxicological Sciences</i> , 2013, 131, 26-39.	3.1	70
69	Carcinogenicity of acrylamide in B6C3F1 mice and F344/N rats from a 2-year drinking water exposure. <i>Food and Chemical Toxicology</i> , 2013, 51, 149-159.	3.6	97
70	Role of microRNAs in the regulation of drug metabolism and disposition genes in diabetes and liver disease. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013, 9, 713-724.	3.3	10
71	DNA methylome alterations in chemical carcinogenesis. <i>Cancer Letters</i> , 2013, 334, 39-45.	7.2	39
72	Iron metabolism disturbances in the MCF-7 human breast cancer cells with acquired resistance to doxorubicin and cisplatin. <i>International Journal of Oncology</i> , 2013, 43, 1481-1486.	3.3	55

#	ARTICLE	IF	CITATIONS
73	Mechanistic insights into the cytotoxicity and genotoxicity induced by glycidamide in human mammary cells. <i>Mutagenesis</i> , 2013, 28, 721-729.	2.6	32
74	Differential responses of human hepatocytes to the non-nucleoside HIV-1 reverse transcriptase inhibitor nevirapine. <i>Journal of Toxicological Sciences</i> , 2013, 38, 741-752.	1.5	12
75	Modulation of intracellular iron metabolism by iron chelation affects chromatin remodeling proteins and corresponding epigenetic modifications in breast cancer cells and increases their sensitivity to chemotherapeutic agents. <i>International Journal of Oncology</i> , 2013, 42, 1822-1832.	3.3	47
76	2'-Deoxythymidine Adducts from the Anti-HIV Drug Nevirapine. <i>Molecules</i> , 2013, 18, 4955-4971.	3.8	6
77	Role of DNA Repair Pathways in Response to Zidovudine-induced DNA Damage in Immortalized Human Liver THLE2 Cells. <i>International Journal of Biomedical Science</i> , 2013, 9, 18-25.	0.1	7
78	Nanoscale ZnO Induces Cytotoxicity and DNA Damage in Human Cell Lines and Rat Primary Neuronal Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2126-2135.	0.9	55
79	Pharmacokinetics of Melamine and Cyanuric Acid and Their Combinations in F344 Rats. <i>Toxicological Sciences</i> , 2012, 126, 317-324.	3.1	33
80	The Liver Toxicity Biomarker Study Phase I: Markers for the Effects of Tolcapone or Entacapone. <i>Toxicologic Pathology</i> , 2012, 40, 951-964.	1.8	20
81	Interstrain differences in the severity of liver injury induced by a choline- and folate-deficient diet in mice are associated with dysregulation of genes involved in lipid metabolism. <i>FASEB Journal</i> , 2012, 26, 4592-4602.	0.5	49
82	Benzo[a]pyrene (BP) DNA adduct formation in DNA repair-deficient p53 haploinsufficient [Xpa(-/-)p53(+/-)] and wild-type mice fed BP and BP plus chlorophyllin for 28 days. <i>Carcinogenesis</i> , 2012, 33, 2236-2241.	2.8	9
83	Oxidation of 2-Hydroxynevirapine, a Phenolic Metabolite of the Anti-HIV Drug Nevirapine: Evidence for an Unusual Pyridine Ring Contraction. <i>Molecules</i> , 2012, 17, 2616-2627.	3.8	7
84	Role of microRNAs in the regulation of drug metabolizing and transporting genes and the response to environmental toxicants. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2012, 8, 597-606.	3.3	28
85	Alterations in Histone H4 Lysine 20 Methylation: Implications for Cancer Detection and Prevention. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 365-374.	5.4	18
86	Modifying metabolically sensitive histone marks by inhibiting glutamine metabolism affects gene expression and alters cancer cell phenotype. <i>Epigenetics</i> , 2012, 7, 1413-1420.	2.7	75
87	Tumorigenicity of acrylamide and its metabolite glycidamide in the neonatal mouse bioassay. <i>International Journal of Cancer</i> , 2012, 131, 2008-2015.	5.1	44
88	An in vitro investigation of metabolically sensitive biomarkers in breast cancer progression. <i>Breast Cancer Research and Treatment</i> , 2012, 133, 959-968.	2.5	56
89	Plasma microRNAs are sensitive indicators of inter-strain differences in the severity of liver injury induced in mice by a choline- and folate-deficient diet. <i>Toxicology and Applied Pharmacology</i> , 2012, 262, 52-59.	2.8	98
90	Dose-response assessment of nephrotoxicity from a twenty-eight-day combined-exposure to melamine and cyanuric acid in F344 rats. <i>Toxicology and Applied Pharmacology</i> , 2012, 262, 99-106.	2.8	38

#	ARTICLE	IF	CITATIONS
91	Molecular alterations in hepatocarcinogenesis induced by dietary methyl deficiency. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 116-125.	3.3	62
92	Role of epigenetic events in chemical carcinogenesis—a justification for incorporating epigenetic evaluations in cancer risk assessment. <i>Toxicology Mechanisms and Methods</i> , 2011, 21, 289-297.	2.7	70
93	Chronic administration of ethanol leads to an increased incidence of hepatocellular adenoma by promoting H-ras-mutated cells. <i>Cancer Letters</i> , 2011, 301, 161-167.	7.2	8
94	Benzocaine-induced methemoglobinemia in an acute-exposure rat model. <i>Food and Chemical Toxicology</i> , 2011, 49, 2530-2535.	3.6	4
95	The role of epigenetic events in genotoxic hepatocarcinogenesis induced by 2-acetylaminofluorene. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 722, 106-113.	1.7	26
96	Gene expression of biomarkers of nephrotoxicity in F344 rats co-exposed to melamine and cyanuric acid for seven days. <i>Toxicology Letters</i> , 2011, 206, 166-171.	0.8	15
97	Synthesis and oxidation of 2-hydroxynevirapine, a metabolite of the HIV reverse transcriptase inhibitor nevirapine. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7822.	2.8	22
98	XPC is essential for nucleotide excision repair of zidovudine-induced DNA damage in human hepatoma cells. <i>Toxicology and Applied Pharmacology</i> , 2011, 251, 155-162.	2.8	18
99	Role of ferritin alterations in human breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2011, 126, 63-71.	2.5	166
100	MicroRNA-mediated drug resistance in breast cancer. <i>Clinical Epigenetics</i> , 2011, 2, 171-185.	4.1	156
101	Coupling global methylation and gene expression profiles reveal key pathophysiological events in liver injury induced by a methyl-deficient diet. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 411-418.	3.3	74
102	Dose-Response Assessment of Nephrotoxicity from a 7-Day Combined Exposure to Melamine and Cyanuric Acid in F344 Rats. <i>Toxicological Sciences</i> , 2011, 119, 391-397.	3.1	56
103	Chronic Administration of 2-Acetylaminofluorene Alters the Cellular Iron Metabolism in Rat Liver. <i>Toxicological Sciences</i> , 2011, 123, 433-440.	3.1	9
104	Epigenetic Alterations in Liver of C57BL/6J Mice after Short-Term Inhalational Exposure to 1,3-Butadiene. <i>Environmental Health Perspectives</i> , 2011, 119, 635-640.	6.0	43
105	Identification and Categorization of Liver Toxicity Markers Induced by a Related Pair of Drugs. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4609-4624.	4.1	10
106	Epigenetic Mechanisms of Mouse Interstrain Variability in Genotoxicity of the Environmental Toxicant 1,3-Butadiene. <i>Toxicological Sciences</i> , 2011, 122, 448-456.	3.1	48
107	E-cadherin transcriptional down-regulation by epigenetic and microRNA-200 family alterations is related to mesenchymal and drug-resistant phenotypes in human breast cancer cells. <i>International Journal of Cancer</i> , 2010, 126, 2575-2583.	5.1	186
108	Difference in expression of hepatic microRNAs miR-29c, miR-34a, miR-155, and miR-200b is associated with strain-specific susceptibility to dietary nonalcoholic steatohepatitis in mice. <i>Laboratory Investigation</i> , 2010, 90, 1437-1446.	3.7	165

#	ARTICLE	IF	CITATIONS
109	Mechanisms of epigenetic silencing of the <i>Rassf1a</i> gene during estrogen-induced breast carcinogenesis in ACI rats. <i>Carcinogenesis</i> , 2010, 31, 376-381.	2.8	28
110	Dietary Methyl Deficiency, microRNA Expression and Susceptibility to Liver Carcinogenesis. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2010, 3, 259-266.	1.3	8
111	Occurrence, Efficacy, Metabolism, and Toxicity of Triclosan. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2010, 28, 147-171.	2.9	165
112	Protein Adducts As Prospective Biomarkers of Nevirapine Toxicity. <i>Chemical Research in Toxicology</i> , 2010, 23, 1714-1725.	3.3	42
113	Amino Acid Adduct Formation by the Nevirapine Metabolite, 12-Hydroxynevirapine—A Possible Factor in Nevirapine Toxicity. <i>Chemical Research in Toxicology</i> , 2010, 23, 888-899.	3.3	34
114	Dietary Methyl Deficiency, microRNA Expression and Susceptibility to Liver Carcinogenesis. <i>World Review of Nutrition and Dietetics</i> , 2010, 101, 123-130.	0.3	11
115	High-Performance Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry for the Detection and Quantitation of Pyrrolizidine Alkaloid-Derived DNA Adducts <i>in Vitro</i> and <i>in Vivo</i> . <i>Chemical Research in Toxicology</i> , 2010, 23, 637-652.	3.3	65
116	The Liver Toxicity Biomarker Study: Phase I Design and Preliminary Results. <i>Toxicologic Pathology</i> , 2009, 37, 52-64.	1.8	53
117	Long-Term Exposure to Zidovudine Delays Cell Cycle Progression, Induces Apoptosis, and Decreases Telomerase Activity in Human Hepatocytes. <i>Toxicological Sciences</i> , 2009, 111, 120-130.	3.1	59
118	Role of DNA damage and alterations in cytosine DNA methylation in rat liver carcinogenesis induced by a methyl-deficient diet. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2009, 669, 56-62.	1.0	46
119	The tumor-promoting activity of 2-acetylaminofluorene is associated with disruption of the p53 signaling pathway and the balance between apoptosis and cell proliferation. <i>Toxicology and Applied Pharmacology</i> , 2009, 235, 305-311.	2.8	68
120	DNA adduct formation and induction of micronuclei and mutations in B6C3F ₁ mice treated neonatally with acrylamide or glycidamide. <i>International Journal of Cancer</i> , 2009, 124, 2006-2015.	5.1	36
121	Down-regulation of the microRNAs <i>miR-34a</i> , <i>miR-127</i> , and <i>miR-200b</i> in rat liver during hepatocarcinogenesis induced by a methyl-deficient diet. <i>Molecular Carcinogenesis</i> , 2009, 48, 479-487.	2.7	141
122	DNA hypomethylation in the origin and pathogenesis of human diseases. <i>Cellular and Molecular Life Sciences</i> , 2009, 66, 2249-2261.	5.4	187
123	Hepatic epigenetic phenotype predetermines individual susceptibility to hepatic steatosis in mice fed a lipogenic methyl-deficient diet. <i>Journal of Hepatology</i> , 2009, 51, 176-186.	3.7	161
124	Effect of short-term exposure to zidovudine (AZT) on the expression of mitochondria-related genes in skeletal muscle of neonatal mice. <i>Mitochondrion</i> , 2009, 9, 9-16.	3.4	19
125	Tumorigenicity and genotoxicity of an environmental pollutant 2,7-dinitrofluorene after systemic administration at a low dose level to female rats. <i>International Journal of Cancer</i> , 2008, 122, 1958-1965.	5.1	5
126	Epigenetic aspects of genotoxic and non-genotoxic hepatocarcinogenesis: Studies in rodents. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 9-15.	2.2	47

#	ARTICLE	IF	CITATIONS
127	Differential expression of microRNAs during hepatocarcinogenesis induced by methyl deficiency in rats. <i>Nutrition Reviews</i> , 2008, 66, S33-S35.	5.8	21
128	Interference of cell cycle progression by zidovudine and lamivudine in NIH 3T3 cells. <i>Mutagenesis</i> , 2008, 24, 133-141.	2.6	17
129	Synthesis and Characterization of DNA Adducts from the HIV Reverse Transcriptase Inhibitor Nevirapine. <i>Chemical Research in Toxicology</i> , 2008, 21, 1443-1456.	3.3	27
130	Genetic and epigenetic changes in rat preneoplastic liver tissue induced by 2-acetylaminofluorene. <i>Carcinogenesis</i> , 2008, 29, 638-646.	2.8	67
131	Epigenetic down-regulation of the suppressor of cytokine signaling 1 (Socs1) gene is associated with the STAT3 activation and development of hepatocellular carcinoma induced by methyl-deficiency in rats. <i>Cell Cycle</i> , 2008, 7, 3202-3210.	2.6	36
132	Estrogen-Induced Rat Breast Carcinogenesis is Characterized by Alterations in DNA Methylation, Histone Modifications, and Aberrant microRNA Expression. <i>Cell Cycle</i> , 2007, 6, 2010-2018.	2.6	106
133	Effect of N,N-didesmethyltamoxifen upon DNA adduct formation by tamoxifen and 17 β -hydroxytamoxifen. <i>Cancer Letters</i> , 2007, 257, 191-198.	7.2	7
134	DNA Adduct Formation in the Livers of Female Sprague-Dawley Rats Treated with Toremifene or 17 β -Hydroxytoremifene. <i>Chemical Research in Toxicology</i> , 2007, 20, 300-310.	3.3	10
135	Transplacental drug transfer and frequency of Tk and Hprt lymphocyte mutants and peripheral blood micronuclei in mice treated transplacentally with zidovudine and lamivudine. <i>Environmental and Molecular Mutagenesis</i> , 2007, 48, 258-269.	2.2	28
136	Epigenetic reprogramming of liver cells in tamoxifen-induced rat hepatocarcinogenesis. <i>Molecular Carcinogenesis</i> , 2007, 46, 187-197.	2.7	47
137	Gene expression profiling reveals underlying molecular mechanisms of the early stages of tamoxifen-induced rat hepatocarcinogenesis. <i>Toxicology and Applied Pharmacology</i> , 2007, 225, 61-69.	2.8	26
138	Induction of microRNAome deregulation in rat liver by long-term tamoxifen exposure. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 619, 30-37.	1.0	126
139	An Evaluation of the Biological and Toxicological Properties of <i>Aloe Barbadensis</i> (Miller), <i>Aloe Vera</i> . <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2006, 24, 103-154.	2.9	398
140	Cytogenetic Damage Induced by Acrylamide and Glycidamide in Mammalian Cells: Correlation with Specific Glycidamide-DNA Adducts. <i>Toxicological Sciences</i> , 2006, 95, 383-390.	3.1	66
141	Carcinogenicity of malachite green chloride and leucomalachite green in B6C3F1 mice and F344 rats. <i>Food and Chemical Toxicology</i> , 2006, 44, 1204-1212.	3.6	129
142	Quantification of O6-methyl and O6-ethyl deoxyguanosine adducts in C57BL/6N/Tk+/+ mice using LC/MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 844, 60-66.	2.3	18
143	Oxidative stress related DNA adducts in the liver of female rats fed with sunflower-, rapeseed-, olive- or coconut oil supplemented diets. <i>Chemico-Biological Interactions</i> , 2006, 159, 81-89.	4.0	53
144	Levels of H-ras codon 61 CAA to AAA mutation: response to 4-ABP-treatment and Pms2-deficiency. <i>Mutagenesis</i> , 2006, 21, 29-34.	2.6	5

#	ARTICLE	IF	CITATIONS
145	Suppression of 7,12-dimethylbenz[a]anthracene-induced mammary carcinogenesis by pre-initiation treatment of rats with Î²-naphthoflavone coincides with decreased levels of the carcinogen-derived DNA adducts in the mammary gland. <i>Cancer Detection and Prevention</i> , 2005, 29, 338-347.	2.1	9
146	Micronucleated erythrocyte frequency in control and azidothymidine-treated Tk+/+, Tk+/âˆ™ and Tkâˆ™/âˆ™ mice. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 570, 227-235.	1.0	11
147	4-Aminobiphenyl induces liver DNA adducts in both neonatal and adult mice but induces liver mutations only in neonatal mice. <i>International Journal of Cancer</i> , 2005, 117, 182-187.	5.1	24
148	Levels of 4-aminobiphenyl-induced somatic H-ras mutation in mouse liver DNA correlate with potential for liver tumor development. <i>Molecular Carcinogenesis</i> , 2005, 42, 193-201.	2.7	27
149	Hepatic DNA adduct dosimetry in rats fed tamoxifen: a comparison of methods. <i>Mutagenesis</i> , 2005, 20, 115-124.	2.6	15
150	High-Performance Liquid Chromatography Electrospray Ionization Tandem Mass Spectrometry for the Detection and Quantitation of Benzo[a]pyreneâˆ™DNA Adducts. <i>Chemical Research in Toxicology</i> , 2005, 18, 1306-1315.	3.3	99
151	Tamoxifenâˆ™DNA Adduct Formation in Human Endometrium. <i>Chemical Research in Toxicology</i> , 2005, 18, 1507-1509.	3.3	7
152	DNA adducts derived from administration of acrylamide and glycidamide to mice and rats. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2005, 580, 131-141.	1.7	165
153	Effect of ethanol on the tumorigenicity of urethane (ethyl carbamate) in B6C3F1 mice. <i>Food and Chemical Toxicology</i> , 2005, 43, 1-19.	3.6	130
154	Effect of long-term tamoxifen exposure on genotoxic and epigenetic changes in rat liver: implications for tamoxifen-induced hepatocarcinogenesis. <i>Carcinogenesis</i> , 2005, 27, 1713-1720.	2.8	75
155	Electrospray Ionization-Tandem Mass Spectrometry and 32P-Postlabeling Analyses of Tamoxifen-DNA Adducts in Humans. <i>Journal of the National Cancer Institute</i> , 2004, 96, 1099-1104.	6.3	39
156	Analysis of mutations and bone marrow micronuclei in Big BlueÂ® rats fed leucomalachite green. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 547, 5-18.	1.0	19
157	Analysis of mutations in the Tk gene of Tk+/âˆ™ mice treated as neonates with 3â€²-azido-3â€²-deoxythymidine (AZT). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 547, 63-69.	1.0	15
158	Determination of acrylamide and glycidamide serum toxicokinetics in B6C3F1 mice using LCâ€‘ES/MS/MS. <i>Cancer Letters</i> , 2004, 207, 9-17.	7.2	65
159	Correlation of DNA adduct formation and riddelliine-induced liver tumorigenesis in F344 rats and B6C3F1 mice [<i>Cancer Lett.</i> 193 (2003) 119â€‘125]. <i>Cancer Letters</i> , 2004, 207, 119-125.	7.2	13
160	Analysis of tamoxifenâˆ™DNA adducts in endometrial explants by MS and 32P-postlabeling. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 297-302.	2.1	17
161	Genotoxicity of malachite green and leucomalachite green in female Big Blue B6C3F1 mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 561, 127-138.	1.7	81
162	Frequency of Tk and Hprt lymphocyte mutants and bone marrow micronuclei in mice treated neonatally with zidovudine and didanosine. <i>Mutagenesis</i> , 2004, 19, 307-311.	2.6	12

#	ARTICLE	IF	CITATIONS
163	Differentiation of isomeric C8-substituted alkyylaniline adducts of guanine by electrospray ionization and tandem quadrupole ion trap mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 1488-1492.	2.8	11
164	Liquid chromatographic mass spectrometric determination of the metabolism and disposition of the anti-retroviral nucleoside analogs zidovudine and lamivudine in C57BL/6N and B6C3F1 mice. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 798, 55-62.	2.3	21
165	Synthesis and Characterization of N-Demethylated Metabolites of Malachite Green and Leucomalachite Green. <i>Chemical Research in Toxicology</i> , 2003, 16, 285-294.	3.3	130
166	Synthesis and Investigation of \pm -Hydroxy-N,N-didesmethyltamoxifen as a Proximate Carcinogen in the Metabolic Activation of Tamoxifen. <i>Chemical Research in Toxicology</i> , 2003, 16, 1090-1098.	3.3	8
167	Quantification of Tamoxifen DNA Adducts Using On-Line Sample Preparation and HPLC-Electrospray Ionization Tandem Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2003, 16, 357-366.	3.3	34
168	Correlation of DNA adduct formation and riddelliine-induced liver tumorigenesis in F344 rats and B6C3F1 mice. <i>Cancer Letters</i> , 2003, 193, 119-125.	7.2	44
169	DNA Adduct Formation from Acrylamide via Conversion To Glycidamide in Adult and Neonatal Mice. <i>Chemical Research in Toxicology</i> , 2003, 16, 1328-1337.	3.3	245
170	Formation of tamoxifen-DNA adducts in multiple organs of adult female cynomolgus monkeys dosed with tamoxifen for 30 days. <i>Cancer Research</i> , 2003, 63, 5999-6003.	0.9	21
171	ANALYSIS OF DNA ADDUCTS FROM CHEMICAL CARCINOGENS AND LIPID PEROXIDATION USING LIQUID CHROMATOGRAPHY AND ELECTROSPRAY MASS SPECTROMETRY. <i>Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews</i> , 2002, 20, 1-20.	2.9	9
172	Highly sensitive chemiluminescence immunoassay for benzo[a]pyrene-DNA adducts: validation by comparison with other methods, and use in human biomonitoring. <i>Carcinogenesis</i> , 2002, 23, 2043-2049.	2.8	72
173	Frequency of Tk and Hprt lymphocyte mutants and bone marrow micronuclei in B6C3F1/Tk+/- mice treated neonatally with zidovudine and lamivudine. <i>Carcinogenesis</i> , 2002, 23, 1427-1432.	2.8	31
174	Mutations induced by alpha-hydroxytamoxifen in the lacI and cII genes of Big Blue transgenic rats. <i>Carcinogenesis</i> , 2002, 23, 1751-1758.	2.8	18
175	4-Aminobiphenyl is a major etiological agent of human bladder cancer: evidence from its DNA binding spectrum in human p53 gene. <i>Carcinogenesis</i> , 2002, 23, 1721-1727.	2.8	92
176	DNA Adducts from Nitroreduction of 2,7-Dinitrofluorene, a Mammary Gland Carcinogen, Catalyzed by Rat Liver or Mammary Gland Cytosol. <i>Chemical Research in Toxicology</i> , 2002, 15, 536-544.	3.3	22
177	N-Hydroxy-4-aminobiphenyl-DNA Binding in Human p53 Gene: Sequence Preference and the Effect of C5 Cytosine Methylation. <i>Biochemistry</i> , 2002, 41, 6414-6421.	2.5	42
178	Quantification of Multiple DNA Adducts Formed through Oxidative Stress Using Liquid Chromatography and Electrospray Tandem Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2002, 15, 1295-1301.	3.3	50
179	Induction of lacI mutations in Big Blue rats treated with tamoxifen and \pm -hydroxytamoxifen. <i>Cancer Letters</i> , 2002, 176, 37-45.	7.2	20
180	The effect of deuterium and fluorine substitution upon the mutagenicity of N-hydroxy-2,6-dimethylaniline. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 506-507, 41-48.	1.0	7

#	ARTICLE	IF	CITATIONS
181	Mutagenicity and carcinogenicity in relation to DNA adduct formation in rats fed leucomalachite green. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2002, 506-507, 55-63.	1.0	80
182	Editorial. <i>Cancer Letters</i> , 2001, 162, 1.	7.2	0
183	Synthesis, Characterization, and Comparative ³² P-Postlabeling Efficiencies of 2,6-Dimethylaniline- ³² P-DNA Adducts. <i>Chemical Research in Toxicology</i> , 2001, 14, 165-174.	3.3	34
184	Quantitative Analysis of Etheno- ³² P-Deoxycytidine DNA Adducts Using On-Line Immunoaffinity Chromatography Coupled With LC/ES-MS/MS Detection. <i>Analytical Chemistry</i> , 2001, 73, 303-309.	6.5	37
185	Comparison of hprt and lac mutant frequency with DNA adduct formation in N-hydroxy-2-acetylaminofluorene-treated Big Blue [®] rats. <i>Environmental and Molecular Mutagenesis</i> , 2001, 37, 195-202.	2.2	14
186	DNA adduct formation and mutant induction in Sprague-Dawley rats treated with tamoxifen and its derivatives. <i>Carcinogenesis</i> , 2001, 22, 1307-1315.	2.8	36
187	Methods of DNA adduct determination and their application to testing compounds for genotoxicity. , 2000, 35, 222-233.		123
188	Cancer Risk Estimation for Mixtures of Coal Tars. and Benzo(a)pyrene. <i>Risk Analysis</i> , 2000, 20, 81-86.	2.7	34
189	Synthesis and Characterization of 4- ² Amino and 4- ² Nitro Derivatives of 4-N,N-Dimethylaminotriphenylmethane as Precursors for a Proximate Malachite Green Metabolite. <i>Tetrahedron</i> , 2000, 56, 7379-7388.	1.9	14
190	DNA adduct measurements, cell proliferation and tumor mutation induction in relation to tumor formation in B6C3F1 mice fed coal tar or benzo[a]pyrene. <i>Carcinogenesis</i> , 2000, 21, 1433-1440.	2.8	3
191	DNA adduct measurements, cell proliferation and tumor mutation induction in relation to tumor formation in B6C3F1 mice fed coal tar or benzo[a]pyrene. <i>Carcinogenesis</i> , 2000, 21, 1433-1440.	2.8	45
192	Development of a novel ³² P-postlabeling method for the analysis of 3- ² azido-3- ² deoxythymidine. <i>Cancer Letters</i> , 2000, 153, 25-33.	7.2	4
193	Interactive effects of methyl-deficiency and dietary restriction on liver cell proliferation and telomerase activity in Fischer 344 rats pretreated with aflatoxin B1. <i>Cancer Letters</i> , 2000, 152, 53-61.	7.2	5
194	Quantification of Etheno-DNA Adducts Using Liquid Chromatography, On-Line Sample Processing, and Electrospray Tandem Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2000, 13, 1259-1264.	3.3	80
195	Characterization of the Major DNA Adduct Formed by \pm -Hydroxy-N-desmethyltamoxifen in Vitro and in Vivo. <i>Chemical Research in Toxicology</i> , 2000, 13, 200-207.	3.3	28
196	DNA adduct measurements, cell proliferation and tumor mutation induction in relation to tumor formation in B6C3F1 mice fed coal tar or benzo[a]pyrene. <i>Carcinogenesis</i> , 2000, 21, 1433-40.	2.8	16
197	Comparison of the DNA adducts formed by tamoxifen and 4-hydroxytamoxifen in vivo. <i>Carcinogenesis</i> , 1999, 20, 471-477.	2.8	51
198	Quantitative analysis of 4-aminobiphenyl-C8-deoxyguanosyl DNA adducts produced in vitro and in vivo using HPLC-ES-MS. <i>Carcinogenesis</i> , 1999, 20, 1055-1061.	2.8	42

#	ARTICLE	IF	CITATIONS
199	Sequence specificity of Hprt lymphocyte mutation in rats fed the hepatocarcinogen 2-acetylaminofluorene. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 431, 167-173.	1.0	6
200	Toxicity and metabolism of malachite green and leucomalachite green during short-term feeding to Fischer 344 rats and B6C3F1 mice. <i>Chemico-Biological Interactions</i> , 1999, 122, 153-170.	4.0	160
201	Hprt lymphocyte mutant frequency in relation to DNA adduct formation in rats fed the hepatocarcinogen 2-acetylaminofluorene. <i>Cancer Letters</i> , 1999, 143, 249-255.	7.2	3
202	³² P-Postlabeling of N-(Deoxyguanosin-8-yl)arylamine Adducts: A Comparative Study of Labeling Efficiencies. <i>Chemical Research in Toxicology</i> , 1999, 12, 661-669.	3.3	16
203	Synthesis, Characterization, and Quantitation of a 4-Aminobiphenyl-DNA Adduct Standard. <i>Chemical Research in Toxicology</i> , 1999, 12, 68-77.	3.3	73
204	A comparison of the tumors induced by coal tar and benzo[a]pyrene in a 2-year bioassay. <i>Carcinogenesis</i> , 1998, 19, 117-124.	2.8	237
205	Tumors and DNA adducts in mice exposed to benzo[a]pyrene and coal tars: implications for risk assessment. <i>Environmental Health Perspectives</i> , 1998, 106, 1325-1330.	6.0	45
206	Identification of tamoxifen-DNA adducts formed by 4-hydroxytamoxifen quinone methide. <i>Carcinogenesis</i> , 1997, 18, 1949-1954.	2.8	62
207	Effect of Substitution Site upon the Oxidation Potentials of Alkylanilines, the Mutagenicities of N-Hydroxyalkylanilines, and the Conformations of Alkylaniline-DNA Adducts. <i>Chemical Research in Toxicology</i> , 1997, 10, 1266-1274.	3.3	51
208	Arylamine-DNA adduct conformation in relation to mutagenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 376, 13-19.	1.0	27
209	Aromatic amine DNA adduct formation in chronically-exposed mice: considerations for human comparison. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 376, 177-184.	1.0	18
210	Analysis of mutations in the K-ras and p53 genes of lung tumors and in the hprt gene of 6-thioguanine-resistant T-lymphocytes from rats treated with 1,6-dinitropyrene. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 379, 61-68.	1.0	12
211	Synthesis, Characterization, and Conformational Analysis of DNA Adducts from Methylated Anilines Present in Tobacco Smoke. <i>Chemical Research in Toxicology</i> , 1996, 9, 99-108.	3.3	43
212	Malachite Green: A Toxicological Review. <i>Journal of the American College of Toxicology</i> , 1996, 15, 219-238.	0.2	370
213	Lymphocyte mutant frequency in relation to DNA adduct formation in rats treated with tumorigenic doses of the mammary gland carcinogen 7,12-dimethylbenz[a]anthracene. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1996, 357, 89-96.	1.0	21
214	Effect of ovariectomy on the in vitro and in vivo activation of carcinogenic N-2-fluorenylhydroxamic acids by rat mammary gland and liver. <i>Carcinogenesis</i> , 1996, 17, 2411-2418.	2.8	5
215	DNA Adduct Measurements in Relation to Small Intestine and Forestomach Tumor Incidence during the Chronic Feeding of Coal TAR or Benzo[a]Pyrene to Mice. <i>Polycyclic Aromatic Compounds</i> , 1996, 11, 161-168.	2.6	4
216	Low energy tandem mass spectrometry of deoxynucleoside adducts of polycyclic aromatic hydrocarbon dihydrodiol-epoxides. <i>Journal of the American Society for Mass Spectrometry</i> , 1995, 6, 248-256.	2.8	9

#	ARTICLE	IF	CITATIONS
217	Metabolism of 1-nitropyrene in mice: transport across the placenta and mammary tissues. <i>Chemico-Biological Interactions</i> , 1995, 95, 309-325.	4.0	18
218	Molecular recognition of guanosine and 2-acetylaminofluorene-modified guanosine. A comparative study. <i>Supramolecular Chemistry</i> , 1995, 5, 243-253.	1.2	3
219	DNA adduct formation and tumorigenesis in mice during the chronic administration of 4-aminobiphenyl at multiple dose levels. <i>Carcinogenesis</i> , 1995, 16, 2917-2921.	2.8	48
220	Identification of Two N2-Deoxyguanosinyl DNA Adducts upon Nitroreduction of the Environmental Mutagen 1-Nitropyrene. <i>Chemical Research in Toxicology</i> , 1995, 8, 269-277.	3.3	30
221	Additions and Corrections. Identification of Two N2-Deoxyguanosinyl DNA Adducts upon Nitroreduction of the Environmental Mutagen 1-Nitropyrene. <i>Chemical Research in Toxicology</i> , 1995, 8, 816-816.	3.3	0
222	Six-Month Toxicity Comparison of the Antituberculosis Drugs Aconiazide and Isoniazid in Fischer 344 Rats. <i>Journal of the American College of Toxicology</i> , 1995, 14, 328-342.	0.2	3
223	DNA adduct formation and T-lymphocyte mutation induction in F344 rats implanted with tumorigenic doses of 1,6-dinitropyrene. <i>Cancer Research</i> , 1995, 55, 2316-24.	0.9	25
224	DNA adduct measurements and tumor incidence during chronic carcinogen exposure in rodents.. <i>Environmental Health Perspectives</i> , 1994, 102, 161-165.	6.0	43
225	Formation of DNA adducts and induction of mutations in rats treated with tumorigenic doses of 1,6-dinitropyrene.. <i>Environmental Health Perspectives</i> , 1994, 102, 185-189.	6.0	9
226	Mutations induced by aromatic amine DNA adducts in pBR322. <i>Carcinogenesis</i> , 1994, 15, 889-899.	2.8	70
227	DNA Adduct Measurements and Tumor Incidence during Chronic Carcinogen Exposure in Rodents. <i>Environmental Health Perspectives</i> , 1994, 102, 161.	6.0	2
228	Comparison of DNA adduct formation in mice fed coal tar or benzo[a]pyrene. <i>Carcinogenesis</i> , 1994, 15, 247-252.	2.8	35
229	Immunohistochemical and microfluorometric determination of hepatic DNA adduct removal in rats fed 2-acetylaminofluorene. <i>Carcinogenesis</i> , 1994, 15, 2599-2603.	2.8	6
230	Detection of N-(deoxyguanosin-8-yl)-2-fluorenamine in DNA of peritoneal serosa and liver after intraperitoneal exposure of rats to N-hydroxy-iy-2-fluorenylbenzamide or γ V-hydroxy-N-2-fluorenylacetamide. <i>Carcinogenesis</i> , 1994, 15, 2883-2890.	2.8	2
231	Formation of DNA Adducts and Induction of Mutations in Rats Treated with Tumorigenic Doses of 1,6-Dinitropyrene. <i>Environmental Health Perspectives</i> , 1994, 102, 185.	6.0	1
232	NMR structural studies of a 15-mer DNA duplex from a ras protooncogene modified with the carcinogen 2-aminofluorene: conformational heterogeneity. <i>Biochemistry</i> , 1994, 33, 1373-1384.	2.5	96
233	Vaginal epithelial DNA damage and expression of preneoplastic markers in mice during chronic dosing with tumorigenic levels of 3'-azido-2',3'-dideoxythymidine. <i>Cancer Research</i> , 1994, 54, 6235-42.	0.9	31
234	Dinitropyrene metabolism, DNA adduct formation, and DNA amplification in an SV40-transformed chinese hamster embryo cell line. <i>Molecular Carcinogenesis</i> , 1993, 7, 221-227.	2.7	0

#	ARTICLE	IF	CITATIONS
235	One-dimensional multiple quantum filtration ¹ H NMR spectra of a 15-mer DNA Duplex modified by the carcinogen 4-aminobiphenyl. <i>Magnetic Resonance in Chemistry</i> , 1993, 31, 1008-1010.	1.9	1
236	Formation of DNA adducts and oxidative DNA damage in rats treated with 1,6-dinitropyrene. <i>Cancer Letters</i> , 1993, 71, 51-56.	7.2	13
237	Significance of DNA adduct studies in animal models for cancer molecular dosimetry and risk assessment.. <i>Environmental Health Perspectives</i> , 1993, 99, 5-10.	6.0	38
238	DNA adduct formation in relation to lymphocyte mutations and lung tumor induction in F344 rats treated with the environmental pollutant 1,6-dinitropyrene.. <i>Environmental Health Perspectives</i> , 1993, 99, 277-280.	6.0	7
239	Biphasic removal of DNA adducts in a repetitive DNA sequence after dietary administration of 2-acetylaminofluorene.. <i>Environmental Health Perspectives</i> , 1993, 99, 273-275.	6.0	41
240	Metabolic activation of 1-nitropyrene to a mammalian cell mutagen and a carcinogen. <i>Xenobiotica</i> , 1992, 22, 1121-1133.	1.1	13
241	Commentary: Application of Biomarkers to Risk Assessment. <i>Environmental Health Perspectives</i> , 1992, 98, 139.	6.0	3
242	DNA adduct measurements and tumor incidence during chronic carcinogen exposure in animal models: implications for DNA adduct-based human cancer risk assessment. <i>Chemical Research in Toxicology</i> , 1992, 5, 749-755.	3.3	169
243	NMR structural studies of a 15-mer DNA sequence from a ras protooncogene, modified at the first base of codon 61 with the carcinogen 4-aminobiphenyl. <i>Biochemistry</i> , 1992, 31, 9587-9602.	2.5	69
244	Application of biomarkers to risk assessment.. <i>Environmental Health Perspectives</i> , 1992, 98, 139-141.	6.0	18
245	Mutagenesis and DNA adduct formation by 1-nitropyrene in Chinese hamster ovary cells without exogenous metabolic activation. <i>Toxicology and Applied Pharmacology</i> , 1991, 109, 538-546.	2.8	6
246	Quantitation and immunohistochemical localization of DNA adducts in rat embryos and associated yolk sac membranes exposed in vitro to N-acetoxy-2-acetylaminofluorene (N-Ac-AAF). <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1991, 11, 93-102.	0.8	7
247	Comparison between DNA adduct formation and tumorigenesis in livers and bladders of mice chronically fed 2-acetylaminofluorene. <i>Carcinogenesis</i> , 1991, 12, 895-900.	2.8	70
248	S9-Mediated metabolism of 1-nitropyrene to a mutagen in Chinese hamster ovary cells by ring-oxidation under aerobic conditions and by nitroreduction under anaerobic conditions. <i>Carcinogenesis</i> , 1991, 12, 2317-2323.	2.8	17
249	DNA adduct formation in liver following the administration of [³ H]2-nitrofluorene to rats in vivo. <i>Carcinogenesis</i> , 1991, 12, 2053-2058.	2.8	11
250	Kinds of mutations found when a shuttle vector containing adducts of 1,6-dinitropyrene replicates in human cells. <i>Carcinogenesis</i> , 1991, 12, 119-126.	2.8	30
251	Role of ring oxidation in the metabolic activation of 1-nitropyrene. <i>Research Report (health Effects) Tj ETQq1 1 0.784314 rgBT /Overl</i>	1.6	0
252	Detection of 2-aminofluorene at femtogram levels via high resolution gas chromatography combined with negative ion atmospheric pressure ionization mass spectrometry. <i>Journal of High Resolution Chromatography</i> , 1990, 13, 281-284.	1.4	18

#	ARTICLE	IF	CITATIONS
253	Selection of electrophoric derivatives of 1-aminopyrene and 2-aminofluorene for determination by gas chromatography with electron-capture negative-ion mass spectrometry. <i>Journal of Chromatography A</i> , 1990, 500, 373-386.	3.7	14
254	The metabolic N-oxidation of carcinogenic arylamines in relation to nitrogen charge density and oxidation potential.. <i>Environmental Health Perspectives</i> , 1990, 87, 233-236.	6.0	30
255	DNA adduct formation and removal in hepatic chromatin fractions from rats chronically fed 2-acetylaminofluorene. <i>Carcinogenesis</i> , 1990, 11, 1343-1347.	2.8	13
256	Mutagenicity of oxidized microsomal metabolites of 1-nitropyrene in Chinese hamster ovary cells. <i>Mutagenesis</i> , 1990, 5, 151-158.	2.6	18
257	DNA adduct formation in target tissues of Sprague-Dawley rats, CD-1 mice and A/J mice following tumorigenic doses of 1-nitropyrene. <i>Carcinogenesis</i> , 1990, 11, 1705-1710.	2.8	42
258	Synthesis, characterization and solution properties of ras sequences modified by arylamine carcinogens at the first base of codon 61. <i>Chemical Research in Toxicology</i> , 1990, 3, 559-565.	3.3	14
259	DNA Adduct Formation by 1-Nitropyrene 4,5- and 9,10-Oxide. , 1990, , 181-187.		7
260	Metabolic Activation and DNA Adducts of Aromatic Amines and Nitroaromatic Hydrocarbons. <i>Handbook of Experimental Pharmacology</i> , 1990, , 267-325.	1.8	154
261	DNA Adduct Formation During Chronic Administration of an Aromatic Amine. , 1990, , 125-133.		0
262	Inhibition of aflatoxin B1 binding to hepatic DNA by dehydroepiandrosterone in vivo. <i>Carcinogenesis</i> , 1989, 10, 2197-2200.	2.8	11
263	DNA adduct formation and removal in specific liver cell populations during chronic dietary administration of 2-acetylaminofluorene. <i>Carcinogenesis</i> , 1989, 10, 1143-1145.	2.8	16
264	Formation and removal of DNA adducts in target and nontarget tissues of rats administered multiple doses of 2-acetylaminophenanthrene. <i>Carcinogenesis</i> , 1989, 10, 2025-2033.	2.8	23
265	DNA Adducts and Carcinogenesis. , 1989, , 57-80.		40
266	DNA binding by 1-nitropyrene and dinitropyrenes in vitro and in vivo: effects of nitroreductase induction. <i>Research Report (health Effects Institute)</i> , 1989, , 1-16.	1.6	0
267	Metabolism of 2-acetylaminofluorene in the chinese hamster ovary cell mutation assay. <i>Environmental and Molecular Mutagenesis</i> , 1988, 11, 167-181.	2.2	33
268	Metabolism of 1,8-dinitropyrene by human, rhesus monkey, and rat intestinal microflora. <i>Toxicity Assessment</i> , 1988, 3, 147-159.	0.6	6
269	Circadian Variation in te Induction of Intestinal Tumors by N-Methyl-N-nitrosourea in Male C57BL/6N Mice. <i>Journal of the National Cancer Institute</i> , 1988, 80, 325-330.	6.3	12
270	DNA binding by 1-nitropyrene and 1,6-dinitropyrene in vitro and in vivo: effects of nitroreductase induction. <i>Carcinogenesis</i> , 1988, 9, 357-364.	2.8	65

#	ARTICLE	IF	CITATIONS
271	In vivo and in vitro formation of glutathione conjugates from the K-region epoxides of 1-nitropyrene. <i>Carcinogenesis</i> , 1987, 8, 1781-1786.	2.8	32
272	Induction of rat hepatic cytochromes P-450 by environmental nitropolycyclic aromatic hydrocarbons. <i>Biochemical Pharmacology</i> , 1987, 36, 2449-2454.	4.4	31
273	DNA Adduct Formation and Removal During Chronic Administration of a Carcinogenic Aromatic Amine. <i>Progress in Tumor Research</i> , 1987, 31, 33-41.	0.1	9
274	Determination of Carcinogen-Induced Macromolecular Adducts in Animals and Humans. <i>Progress in Tumor Research</i> , 1987, 31, 1-10.	0.1	10
275	Analysis of three aminonitropyrene isomers via fused silica gas chromatography combined with negative ion atmospheric pressure ionization mass spectrometry. <i>Journal of High Resolution Chromatography</i> , 1987, 10, 43-45.	1.4	15
276	Ab initio study on the molecular structure of trans-1,2-dihydroxy-1,2-dihydro-8-fluoronaphthalene. <i>Cancer Letters</i> , 1986, 33, 205-213.	7.2	1
277	Formation of reactive 1-nitropyrene metabolites by lung microsomes and isolated lung cells. <i>Cell Biology and Toxicology</i> , 1986, 2, 341-355.	5.3	8
278	Aerobic and anaerobic reduction of nitrated pyrenes in vitro. <i>Chemico-Biological Interactions</i> , 1986, 59, 309-324.	4.0	41
279	An examination of the weak mutagenic response of 1-nitropyrene in Chinese hamster ovary cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1986, 161, 99-108.	1.0	36
280	Synthesis and mutagenicity of 1-nitro-6-nitrosopyrene and 1-nitro-8-nitrosopyrene, potential intermediates in the metabolic activation of 1,6- and 1,8-dinitropyrene. <i>Carcinogenesis</i> , 1986, 7, 65-70.	2.8	56
281	Tumorigenicity of nitrated derivatives of pyrene, benz[a]anthracene, chrysene and benzo[a]pyrene in the newborn mouse assay. <i>Carcinogenesis</i> , 1986, 7, 1317-1322.	2.8	162
282	Cytotoxicity, cellular transformation and DNA adducts in normal human diploid fibroblasts exposed to 1-nitrosopyrene, a reduced derivative of the environmental contaminant, 1-nitropyrene. <i>Carcinogenesis</i> , 1986, 7, 1279-1283.	2.8	35
283	Effect of the nitro group conformation on the rat liver microsomal metabolism and bacterial mutagenicity of 2- and 9-nitroanthracene. <i>Carcinogenesis</i> , 1986, 7, 1819-1827.	2.8	41
284	Relationships between the DNA adducts and the mutations and sister-chromatid exchanges produced in Chinese hamster ovary cells by N-hydroxy-2-aminofluorene, N-hydroxy-N ² -acetylbenzidine and 1-nitrosopyrene. <i>Mutagenesis</i> , 1986, 1, 201-206.	2.6	60
285	Synthesis and mutagenicity of 1-nitropyrene 4,5-oxide and 1-nitro-pyrene 9,10-oxide, microsomal metabolites of 1-nitropyrene. <i>Mutagenesis</i> , 1986, 1, 433-438.	2.6	34
286	Oxidative microsomal metabolism of 1-nitropyrene and DNA-binding of oxidized metabolites following nitroreduction. <i>Carcinogenesis</i> , 1986, 7, 1073-1079.	2.8	64
287	Carcinogen-DNA Adduct Formation as a Predictor of Metabolic Activation Pathways and Reactive Intermediates in Benzidine Carcinogenesis. <i>Advances in Experimental Medicine and Biology</i> , 1986, 197, 537-549.	1.6	9
288	The metabolic activation and DNA adducts of dinitropyrenes. Research Report (health Effects) Tj ETQq0 0 0 rgBT /Overlock 1Q Tf 50 62 T	1.6	0

#	ARTICLE	IF	CITATIONS
289	Chemical Properties of Ultimate Carcinogenic Metabolites of Arylamines and Arylamides. ACS Symposium Series, 1985, , 341-370.	0.5	65
290	The differential effect of benzamide upon the toxicity and mutations produced in Chinese hamster ovary cells by N-methyl nitrosourea, N-ethyl nitrosourea and N-hydroxy-2-aminofluorene. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1985, 142, 203-207.	1.1	7
291	1-nitrosopyrene: An intermediate in the metabolic activation of 1-nitropyrene to a mutagen in Salmonella typhimurium TA1538. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1985, 149, 25-32.	1.0	74
292	The orientation of the nitro substituent predicts the direct-acting bacterial mutagenicity of nitrated polycyclic aromatic hydrocarbons. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1985, 143, 173-181.	1.1	104
293	Formation and persistence of arylamine DNA adducts in vivo.. Environmental Health Perspectives, 1985, 62, 19-30.	6.0	218
294	DNA adduct formation and mutation induction by nitropyrenes in Salmonella and Chinese hamster ovary cells: relationships with nitroreduction and acetylation.. Environmental Health Perspectives, 1985, 62, 135-143.	6.0	47
295	Formation of DNA adducts in vivo in rat liver and intestinal epithelium after administration of the carcinogen 3,2'-dimethyl-4-aminobiphenyl and its hydroxamic acid. Carcinogenesis, 1985, 6, 37-44.	2.8	36
296	DNA adducts formed from the probable proximate carcinogen, N-hydroxy-3,2'-dimethyl-4-aminobiphenyl, by acid catalysis or S-acetyl coenzyme A-dependent enzymatic esterification. Carcinogenesis, 1985, 6, 251-258.	2.8	72
297	DNA adducts formed by ring-oxidation of the carcinogen 2-naphthylamine with prostaglandin H synthase in vitro and in the dog urothelium in vivo. Carcinogenesis, 1985, 6, 1379-1387.	2.8	70
298	Comparison of the in vitro and in vivo hepatic metabolism of the carcinogen 1-nitropyrene. Carcinogenesis, 1985, 6, 243-249.	2.8	58
299	Acetyl coenzyme A-dependent binding of carcinogenic and mutagenic dinitropyrenes to DNA. Carcinogenesis, 1985, 6, 941-944.	2.8	54
300	The In Vitro Metabolic Activation of Nitro Polycyclic Aromatic Hydrocarbons. ACS Symposium Series, 1985, , 371-396.	0.5	65
301	Glutathione conjugate formation in the detoxification of ultimate and proximate carcinogens of N-methyl-4-aminoazobenzene. Carcinogenesis, 1984, 5, 917-920.	2.8	10
302	Binding of N-acetylbenzidine and N,N-diacetylbenzidine to hepatic DNA of rat and hamster in vivo and in vitro. Carcinogenesis, 1984, 5, 407-412.	2.8	47
303	Ab initio study on the molecular structure of the naphthalene metabolite, trans-1,2-dihydroxy-1,2-dihydronaphthalene. Carcinogenesis, 1984, 5, 1097-1100.	2.8	7
304	DNA adduct formation, removal and persistence in rat liver during one month of feeding 2-acetylaminofluorene. Carcinogenesis, 1984, 5, 1591-1596.	2.8	51
305	Rapid isolation, hydrolysis and chromatography of formaldehyde-modified DNA. Biomedical Applications, 1984, 308, 121-131.	1.7	97
306	Preferential reaction of the carcinogen N-acetoxy-2-acetylaminofluorene with satellite DNA. Chemico-Biological Interactions, 1984, 49, 177-187.	4.0	6

#	ARTICLE	IF	CITATIONS
307	The recombinogenic inactivity of 1-nitropyrene for yeast is due to a deficiency in a functional nitroreductase. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1984, 139, 115-118.	1.1	11
308	Relationships between Specific DNA Adducts, Mutation, Cell Survival, and SCE Formation. , 1984, 29 Pt A, 353-360.		1
309	Binding of Benzidine, N-Acetylbenzidine, N, N prime -Diacylbenzidine and Direct Blue 6 to Rat Liver DNA. <i>Environmental Health Perspectives</i> , 1983, 49, 101.	6.0	2
310	Reduction of the carcinogen 1-nitropyrene to 1-aminopyrene by rat intestinal bacteria. <i>Carcinogenesis</i> , 1983, 4, 985-990.	2.8	134
311	Transformation of normal human skin fibroblasts by 1-nitropyrene and 6-nitrobenzo [a] pyrene. <i>Carcinogenesis</i> , 1983, 4, 353-355.	2.8	47
312	Formation and persistence of DNA adducts from the carcinogen N-hydroxy-2-acetylaminofluorene in rat mammary gland in vivo. <i>Carcinogenesis</i> , 1983, 4, 1067-1070.	2.8	47
313	Binding of benzidine, N-acetylbenzidine, N, N'-diacylbenzidine and Direct Blue 6 to rat liver DNA.. <i>Environmental Health Perspectives</i> , 1983, 49, 101-106.	6.0	12
314	Arylamine-DNA adducts in vitro and in vivo: their role in bacterial mutagenesis and urinary bladder carcinogenesis. <i>Environmental Health Perspectives</i> , 1983, 49, 125-134.	6.0	189
315	Formation of DNA adducts in vitro and in <i>Salmonella typhimurium</i> upon metabolic reduction of the environmental mutagen 1-nitropyrene. <i>Cancer Research</i> , 1983, 43, 2052-8.	0.9	145
316	Mechanistic approaches to biochemical toxicology. <i>Journal of Environmental Science and Health Part A, Environmental Science and Engineering</i> , 1982, 17, 581-588.	0.1	0
317	Hepatic microsomal metabolism and macromolecular binding of the antioxidant, n-phenyl-2-naphthylamine. <i>Xenobiotica</i> , 1982, 12, 31-43.	1.1	14
318	Aminofluorene-DNA adduct formation in <i>Salmonella typhimurium</i> exposed to the carcinogen N-hydroxy-2-acetylaminofluorene.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982, 79, 5175-5178.	7.1	62
319	Metabolism of the mutagenic environmental pollutant, 6-nitrobenzo[a]pyrene: Metabolic activation via ring oxidation. <i>Biochemical and Biophysical Research Communications</i> , 1982, 105, 1037-1043.	2.1	68
320	Xanthine oxidase catalyzed binding of 1-nitropyrene to DNA. <i>Biochemical and Biophysical Research Communications</i> , 1982, 104, 727-732.	2.1	87
321	Biologically active aromatic amines derived from carcinogenic polycyclic aromatic hydrocarbons: synthesis and mutagenicity of aminobenzo[1±]pyrenes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1982, 94, 13-21.	1.0	16
322	Force field conformational analysis of aminofluorene and acetylaminofluorene substituted deoxyguanosine. <i>Chemico-Biological Interactions</i> , 1982, 40, 57-76.	4.0	32
323	Identification of glutathione conjugates formed from N-hydroxy-2-acetylaminofluorene in the rat. <i>Chemico-Biological Interactions</i> , 1982, 39, 149-168.	4.0	49
324	Persistence of DNA adducts in rat liver and kidney after multiple doses of the carcinogen N-hydroxy-2-acetylaminofluorene. <i>Cancer Research</i> , 1982, 42, 1348-54.	0.9	63

#	ARTICLE	IF	CITATIONS
325	The binding of N-hydroxy-2-acetylaminofluorene to DNA and repair of the adducts in primary rat hepatocyte cultures. <i>Carcinogenesis</i> , 1981, 2, 97-102.	2.8	85
326	Formation of urothelial and hepatic DNA adducts from the carcinogen 2-naphthylamine. <i>Carcinogenesis</i> , 1981, 2, 467-470.	2.8	53
327	Role of sulfation in the formation of DNA adducts from N-hydroxy-2-acetylaminofluorene in rat liver in vivo. Inhibition of N-acetylated aminofluorene adduct formation by penta-chlorophenol. <i>Carcinogenesis</i> , 1981, 2, 413-416.	2.8	81
328	Characterization of DNA adducts of the carcinogen N-methyl-4-aminoazobenzene in vitro and in vivo. <i>Chemico-Biological Interactions</i> , 1980, 31, 1-17.	4.0	52
329	Sensitivity of the conformation of deoxyguanosine to binding at the C-8 position by N-acetylated and unacetylated 2-aminofluorene. <i>Carcinogenesis</i> , 1980, 1, 955-959.	2.8	111
330	Cyclopenta-polycyclic aromatic hydrocarbons: Potential carcinogens and mutagens. <i>Carcinogenesis</i> , 1980, 1, 725-727.	2.8	49
331	In vitro reaction of the carcinogen, N-hydroxy-2-naphthylamine, with DNA at the C-8 and N2 atoms of guanine and at the N6 atom of adenine. <i>Carcinogenesis</i> , 1980, 1, 139-150.	2.8	104
332	Acyltransferase-mediated binding of N-hydroxyarylamides to nucleic acids. <i>Cancer Research</i> , 1980, 40, 834-40.	0.9	56
333	Rapid isolation of carcinogen-bound DNA and RNA by hydroxyapatite chromatography. <i>Journal of Chromatography A</i> , 1979, 174, 177-186.	3.7	159
334	Molecular orbital theoretical prediction of the isomeric products formed from reactions of arene oxides and related metabolites of polycyclic aromatic hydrocarbons. <i>Tetrahedron</i> , 1978, 34, 857-866.	1.9	50
335	Computer-generated graphic models of the N2-substituted deoxyguanosine adducts of 2-acetylaminofluorene and benzo[a]pyrene and the O6-substituted deoxyguanosine adduct of 1-naphthylamine in the DNA double helix. <i>Chemico-Biological Interactions</i> , 1978, 22, 329-339.	4.0	48
336	Application of theoretical calculations to interpretation of the chemical reactivity and biological activity of the syn and anti dilepoxides of benzo[a]pyrene. <i>Bioorganic Chemistry</i> , 1978, 7, 497-506.	4.1	12
337	Nucleoside adducts from the in vitro reaction of benzo[a]pyrene-7,8-dihydrodiol 9,10-oxide or benzo[a]pyrene 4,5-oxide with nucleic acids. <i>Biochemistry</i> , 1977, 16, 932-938.	2.5	177
338	Model reactions of the quinone metabolites of carcinogenic hydrocarbons with t-butylthiol. <i>Bioorganic Chemistry</i> , 1977, 6, 415-419.	4.1	1
339	Reduction pathways of organohalogen compounds. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1977, 78, 145-159.	0.1	33
340	The isomeric 9,10-oxides of trans-7,8-dihydroxy-7,8-dihydrobenzo[a]pyrene. <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 84.	2.0	39
341	Electrochemical reduction and anaerobic degradation of lindane. <i>Journal of Agricultural and Food Chemistry</i> , 1976, 24, 753-756.	5.2	59
342	Reactions of the K-region oxides of carcinogenic and related polycyclic hydrocarbons with nucleophiles: stereochemistry and regioselectivity. <i>Journal of the American Chemical Society</i> , 1976, 98, 4963-4970.	13.7	26

#	ARTICLE	IF	CITATIONS
343	Benzo[a]pyrene-nucleic acid derivative found in vivo: structure of a benzo[a]pyrenetetrahydrodiol epoxide-guanosine adduct. <i>Journal of the American Chemical Society</i> , 1976, 98, 5714-5715.	13.7	299
344	Structure of 7,12-dimethylbenz(a)anthracene-guanosine adducts.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1976, 73, 2311-2315.	7.1	51
345	(+/-)-7alpha,8beta-dihydroxy-9beta,10beta-epoxy-7,8,9,10-tetrahydrobenzo(a)-pyrene is an intermediate in the metabolism and binding to DNA of benzo(a)pyrene.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1976, 73, 2679-2681.	7.1	157
346	The reaction of 7,8-dihydro-7,8-dihydroxybenzo[a]pyrene-9,10-oxide with DNA in relation to the benzo[a]pyrene-DNA products isolated from cells. <i>Chemico-Biological Interactions</i> , 1976, 13, 343-348.	4.0	47
347	The reaction of (±)-7,8-dihydroxy-9,10-epoxy-7,8,9,10-tetrahydrobenzo(a)pyrene with dna. <i>International Journal of Cancer</i> , 1976, 18, 362-368.	5.1	130
348	Interrupted-sweep voltammetry for the identification of polychlorinated biphenyls and naphthalenes. <i>Analytical Chemistry</i> , 1975, 47, 895-903.	6.5	29
349	Identification of chlorinated naphthalenes in halowaxes 1031, 1000, 1001 and 1099. <i>Journal of Chromatography A</i> , 1973, 84, 59-65.	3.7	27
350	Voltammetric identification of organochlorine insecticides, polychlorinated biphenyls, polychlorinated naphthalenes and polychlorinated benzenes. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1973, 10, 157-165.	2.7	10