

David H Phillips

List of Publications by Year in descending order

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132
papers

8,249
citations

53939

47
h-index

58552

86
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134
all docs

134
docs citations

134
times ranked

10627
citing authors

#	ARTICLE	IF	CITATIONS
1	Organoids for toxicology and genetic toxicology: applications with drugs and prospects for environmental carcinogenesis. <i>Mutagenesis</i> , 2022, 37, 143-154.	1.0	12
2	Mutagenicity of 2-hydroxyamino-1-methyl-6-phenylimidazo[4,5-b]pyridine (N ^o -OH-PhIP) in human TP53 knock-in (Hupki) mouse embryo fibroblasts. <i>Food and Chemical Toxicology</i> , 2021, 147, 111855.	1.8	4
3	Mutagenicity of N ^o -hydroxy-4-aminobiphenyl in human TP53 knock-in (Hupki) mouse embryo fibroblasts. <i>Environmental and Molecular Mutagenesis</i> , 2021, 62, 252-264.	0.9	0
4	Relationships between airborne pollutants, serum albumin adducts and short-term health outcomes in an experimental crossover study. <i>Chemosphere</i> , 2020, 239, 124667.	4.2	6
5	Mutagenicity of acrylamide and glycidamide in human TP53 knock-in (Hupki) mouse embryo fibroblasts. <i>Archives of Toxicology</i> , 2020, 94, 4173-4196.	1.9	21
6	Enhanced DNA adduct formation by benzo[a]pyrene in human liver cells lacking cytochrome P450 oxidoreductase. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 852, 503162.	0.9	11
7	Visualisation tools for dependent peptide searches to support the exploration of in vitro protein modifications. <i>PLoS ONE</i> , 2020, 15, e0235263.	1.1	2
8	32P-Postlabeling Analysis of DNA Adducts. <i>Methods in Molecular Biology</i> , 2020, 2102, 291-302.	0.4	6
9	<i>In vitro</i> mutagenicity of selected environmental carcinogens and their metabolites in MutaMouse FE1 lung epithelial cells. <i>Mutagenesis</i> , 2020, 35, 453-463.	1.0	4
10	Title is missing!. , 2020, 15, e0235263.		0
11	Title is missing!. , 2020, 15, e0235263.		0
12	Title is missing!. , 2020, 15, e0235263.		0
13	Title is missing!. , 2020, 15, e0235263.		0
14	Deletion of cytochrome P450 oxidoreductase enhances metabolism and DNA adduct formation of benzo[a]pyrene in Hepa1c1c7 cells. <i>Mutagenesis</i> , 2019, 34, 413-420.	1.0	3
15	The impact of p53 on aristolochic acid I-induced nephrotoxicity and DNA damage in vivo and in vitro. <i>Archives of Toxicology</i> , 2019, 93, 3345-3366.	1.9	16
16	Application of hepatic cytochrome b/P450 reductase null (HBRN) mice to study the role of cytochrome b in the cytochrome P450-mediated bioactivation of the anticancer drug ellipticine. <i>Toxicology and Applied Pharmacology</i> , 2019, 366, 64-74.	1.3	2
17	Bulky DNA adducts, microRNA profiles, and lipid biomarkers in Norwegian tunnel finishing workers occupationally exposed to diesel exhaust. <i>Occupational and Environmental Medicine</i> , 2019, 76, 10-16.	1.3	15
18	The potential of omics approaches to elucidate mechanisms of biodiesel-induced pulmonary toxicity. <i>Particle and Fibre Toxicology</i> , 2019, 16, 4.	2.8	15

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19	Protein Adductomics: Analytical Developments and Applications in Human Biomonitoring. <i>Toxics</i> , 2019, 7, 29.	1.6	13
20	Impact of p53 function on the sulfotransferase-mediated bioactivation of the alkylated polycyclic aromatic hydrocarbon 1-hydroxymethylpyrene in vitro. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 752-758.	0.9	6
21	A Compendium of Mutational Signatures of Environmental Agents. <i>Cell</i> , 2019, 177, 821-836.e16.	13.5	437
22	Characterising Mutational Spectra of Carcinogens in the Tumour Suppressor Gene TP53 Using Human TP53 Knock-in (Hupki) Mouse Embryo Fibroblasts. <i>Methods and Protocols</i> , 2019, 2, 85.	0.9	6
23	The Impact of p53 on Aristolochic Acid-Induced Gene Expression In Vivo. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6155.	1.8	7
24	The impact of chemotherapeutic drugs on the CYP1A1-catalysed metabolism of the environmental carcinogen benzo[a]pyrene: Effects in human colorectal HCT116 TP53(+/+), TP53(+/-) and TP53(-/-) cells. <i>Toxicology</i> , 2018, 398-399, 1-12.	2.0	16
25	A novel method for source-specific hemoglobin adducts of nitro-polycyclic aromatic hydrocarbons. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 780-789.	1.7	4
26	Differentiation-associated urothelial cytochrome P450 oxidoreductase predicates the xenobiotic-metabolizing activity of luminal-muscle-invasive bladder cancers. <i>Molecular Carcinogenesis</i> , 2018, 57, 606-618.	1.3	17
27	Cytochrome b 5 impacts on cytochrome P450-mediated metabolism of benzo[a]pyrene and its DNA adduct formation: studies in hepatic cytochrome b 5 /P450 reductase null (HBRN) mice. <i>Archives of Toxicology</i> , 2018, 92, 1625-1638.	1.9	26
28	Genotoxicity of fine and coarse fraction ambient particulate matter in immortalised normal (TT1) and cancer-derived (A549) alveolar epithelial cells. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 290-301.	0.9	18
29	The impact of p53 function on the metabolic activation of the carcinogenic air pollutant 3-nitrobenzanthrone and its metabolites 3-aminobenzanthrone and N-hydroxy-3-aminobenzanthrone in human cells. <i>Mutagenesis</i> , 2018, 33, 311-321.	1.0	9
30	Hepatic DNA damage in harbour porpoises (<i>Phocoena phocoena</i>) stranded along the English and Welsh coastlines. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 613-624.	0.9	8
31	EXPOsOMICS: final policy workshop and stakeholder consultation. <i>BMC Public Health</i> , 2018, 18, 260.	1.2	34
32	The role of cytochrome P450 enzymes in carcinogen activation and detoxication: an in vivo-in vitro paradox. <i>Carcinogenesis</i> , 2018, 39, 851-859.	1.3	43
33	Mutational spectra and mutational signatures: Insights into cancer aetiology and mechanisms of DNA damage and repair. <i>DNA Repair</i> , 2018, 71, 6-11.	1.3	58
34	Adductomics. , 2018, , 341-363.		0
35	From the exposome to mechanistic understanding of chemical-induced adverse effects. <i>Environment International</i> , 2017, 99, 97-106.	4.8	146
36	Refinement of a Methodology for Untargeted Detection of Serum Albumin Adducts in Human Populations. <i>Chemical Research in Toxicology</i> , 2017, 30, 2120-2129.	1.7	10

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37	Nutlin-3a selects for cells harbouring TP53 mutations. International Journal of Cancer, 2017, 140, 877-887.	2.3	22
38	The exposome in practice: Design of the EXPOsOMICS project. International Journal of Hygiene and Environmental Health, 2017, 220, 142-151.	2.1	219
39	Impact of genetic modulation of SULT1A enzymes on DNA adduct formation by aristolochic acids and 3-nitrobenzanthrone. Archives of Toxicology, 2017, 91, 1957-1975.	1.9	22
40	Quantitative relationships between lacZ mutant frequency and DNA adduct frequency in MutaMouse tissues and cultured cells exposed to 3-nitrobenzanthrone. Mutagenesis, 2017, 32, gew067.	1.0	11
41	TP53 and lacZ mutagenesis induced by 3-nitrobenzanthrone in Xpa-deficient human TP53 knock-in mouse embryo fibroblasts. DNA Repair, 2016, 39, 21-33.	1.3	13
42	Lagos lagoon sediment organic extracts and polycyclic aromatic hydrocarbons induce embryotoxic, teratogenic and genotoxic effects in Danio rerio (zebrafish) embryos. Environmental Science and Pollution Research, 2016, 23, 14489-14501.	2.7	47
43	Metabolic activation of 2-amino-6-methylphenylimidazo [4,5-b]pyridine and DNA adduct formation depends on p53: Studies in TP53(+/+), TP53(+/-) and TP53(-/-) mice. International Journal of Cancer, 2016, 138, 976-982.	2.3	17
44	NADH:Cytochrome b5 Reductase and Cytochrome b5 Can Act as Sole Electron Donors to Human Cytochrome P450 1A1-Mediated Oxidation and DNA Adduct Formation by Benzo[a]pyrene. Chemical Research in Toxicology, 2016, 29, 1325-1334.	1.7	31
45	Mutational signatures associated with tobacco smoking in human cancer. Science, 2016, 354, 618-622.	6.0	842
46	Quantification of a peptide standard using the intrinsic fluorescence of tyrosine. Analytical and Bioanalytical Chemistry, 2016, 408, 2187-2193.	1.9	10
47	The application of the comet assay to assess the genotoxicity of environmental pollutants in the nematode Caenorhabditis elegans. Environmental Toxicology and Pharmacology, 2016, 45, 356-361.	2.0	28
48	Carcinogenic polycyclic aromatic hydrocarbons induce CYP1A1 in human cells via a p53-dependent mechanism. Archives of Toxicology, 2016, 90, 291-304.	1.9	74
49	The impact of p53 on DNA damage and metabolic activation of the environmental carcinogen benzo[a]pyrene: effects in Trp53(+/+), Trp53(+/-) and Trp53(-/-) mice. Archives of Toxicology, 2016, 90, 839-851.	1.9	36
50	Pulmonary Inflammation Impacts on CYP1A1-Mediated Respiratory Tract DNA Damage Induced by the Carcinogenic Air Pollutant Benzo[a]pyrene. Toxicological Sciences, 2015, 146, 213-225.	1.4	68
51	TP53 mutations induced by BPDE in Xpa-WT and Xpa-Null human TP53 knock-in (Hupki) mouse embryo fibroblasts. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 773, 48-62.	0.4	39
52	The Hepatic Reductase Null (HRN ^Δ) and Reductase Conditional Null (RCN) mouse models as suitable tools to study metabolism, toxicity and carcinogenicity of environmental pollutants. Toxicology Research, 2015, 4, 548-562.	0.9	13
53	The genome as a record of environmental exposure. Mutagenesis, 2015, 30, gev073.	1.0	174
54	Prenatal exposure to polycyclic aromatic hydrocarbons/aromatics, BDNF and child development. Environmental Research, 2015, 142, 602-608.	3.7	35

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55	Exceptionally long-term persistence of DNA adducts formed by carcinogenic aristolochic acid I in renal tissue from patients with aristolochic acid nephropathy. <i>International Journal of Cancer</i> , 2014, 135, 502-507.	2.3	80
56	Benzo "Equation missing" <!-- No EquationSource Format="TEX", only image -->pyrene-induced DNA adducts and gene expression profiles in target and non-target organs for carcinogenesis in mice. <i>BMC Genomics</i> , 2014, 15, 880.	1.2	44
57	Cytochrome b5 and epoxide hydrolase contribute to benzo[a]pyrene-DNA adduct formation catalyzed by cytochrome P450 1A1 under low NADPH:P450 oxidoreductase conditions. <i>Toxicology</i> , 2014, 318, 1-12.	2.0	41
58	32P-Postlabeling Analysis of DNA Adducts. <i>Methods in Molecular Biology</i> , 2014, 1105, 127-138.	0.4	44
59	On the origins and development of the 32P-postlabelling assay for carcinogenâ€DNA adducts. <i>Cancer Letters</i> , 2013, 334, 5-9.	3.2	34
60	Hepatic genotoxicity and toxicogenomic responses in Mutaâ„¢Mouse males treated with dibenz[a,h]anthracene. <i>Mutagenesis</i> , 2013, 28, 543-554.	1.0	19
61	The Epidemiology, Diagnosis, and Management of Aristolochic Acid Nephropathy. <i>Annals of Internal Medicine</i> , 2013, 158, 469.	2.0	142
62	Bioactivation versus Detoxication of the Urothelial Carcinogen Aristolochic Acid I by Human Cytochrome P450 1A1 and 1A2. <i>Toxicological Sciences</i> , 2012, 125, 345-358.	1.4	57
63	DNA and protein adducts in human tissues resulting from exposure to tobacco smoke. <i>International Journal of Cancer</i> , 2012, 131, 2733-2753.	2.3	112
64	Exposure to benzo[a]pyrene of Hepatic Cytochrome P450 Reductase Null (HRN) and P450 Reductase Conditional Null (RCN) mice: Detection of benzo[a]pyrene diol epoxide-DNA adducts by immunohistochemistry and 32P-postlabelling. <i>Toxicology Letters</i> , 2012, 213, 160-166.	0.4	31
65	Inter-laboratory variation in DNA damage using a standard comet assay protocol. <i>Mutagenesis</i> , 2012, 27, 665-672.	1.0	79
66	Polycyclic aromatic hydrocarbons as skin carcinogens: Comparison of benzo[a]pyrene, dibenzo[def,p]chrysene and three environmental mixtures in the FVB/N mouse. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 377-386.	1.3	140
67	Subchronic Oral Exposure to Benzo(a)pyrene Leads to Distinct Transcriptomic Changes in the Lungs That Are Related to Carcinogenesis. <i>Toxicological Sciences</i> , 2012, 129, 213-224.	1.4	44
68	Metabolic activation of diesel exhaust carcinogens in primary and immortalized human <i>TP53</i> knockâ€in (Hupki) mouse embryo fibroblasts. <i>Environmental and Molecular Mutagenesis</i> , 2012, 53, 207-217.	0.9	18
69	Philip D. Lawley (1927â€2011). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 732, 1-2.	0.4	0
70	Role of P450 1A1 and P450 1A2 in Bioactivation versus Detoxication of the Renal Carcinogen Aristolochic Acid I: Studies in <i>Cyp1a1(âˆ/âˆ)</i>, <i>Cyp1a2(âˆ/âˆ)</i>, and <i>Cyp1a1/1a2(âˆ/âˆ)</i> Mice. <i>Chemical Research in Toxicology</i> , 2011, 24, 1710-1719.	1.7	39
71	Effect of Hepatic Cytochrome P450 (P450) Oxidoreductase Deficiency on 2-Amino-1-methyl-6-phenylimidazo[4,5- <i>b</i>]pyridine-DNA Adduct Formation in P450 Reductase Conditional Null Mice. <i>Drug Metabolism and Disposition</i> , 2011, 39, 2169-2173.	1.7	15
72	Polycyclic Aromatic Hydrocarbon (PAH) Exposure and DNA Adduct Semi-Quantitation in Archived Human Tissues. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 2675-2691.	1.2	91

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73	Whole body exposure of mice to secondhand smoke induces dose-dependent and persistent promutagenic DNA adducts in the lung. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 716, 92-98.	0.4	11
74	Influence of cell cycle on responses of MCF-7 cells to benzo[a]pyrene. <i>BMC Genomics</i> , 2011, 12, 333.	1.2	58
75	Gene expression changes induced by the human carcinogen aristolochic acid I in renal and hepatic tissue of mice. <i>International Journal of Cancer</i> , 2011, 128, 21-32.	2.3	46
76	Chapter 5. Biomarkers of Human Exposure to Environmental Tobacco Smoke (ETS). <i>Issues in Toxicology</i> , 2011, , 23-49.	0.2	2
77	Constitutive expression of bioactivating enzymes in normal human prostate suggests a capability to activate pro-carcinogens to DNA-damaging metabolites. <i>Prostate</i> , 2010, 70, 1586-1599.	1.2	35
78	Linking environmental carcinogen exposure to TP53 mutations in human tumours using the human TP53 knock-in (Hupki) mouse model. <i>FEBS Journal</i> , 2010, 277, 2567-2583.	2.2	57
79	Bulky DNA Adducts in White Blood Cells: A Pooled Analysis of 3,600 Subjects. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2010, 19, 3174-3181.	1.1	24
80	Mechanisms of the Different DNA Adduct Forming Potentials of the Urban Air Pollutants 2-Nitrobenzanthrone and Carcinogenic 3-Nitrobenzanthrone. <i>Chemical Research in Toxicology</i> , 2010, 23, 1192-1201.	1.7	36
81	Linking environmental carcinogen exposure to TP53 mutations in human tumours using the human TP53 knock-in (Hupki) mouse model. <i>FEBS Journal</i> , 2010, 277, 2567-2583.	2.2	42
82	The TERT-CLPTM1L lung cancer susceptibility variant associates with higher DNA adduct formation in the lung. <i>Carcinogenesis</i> , 2009, 30, 1368-1371.	1.3	95
83	TP53 mutation signature supports involvement of aristolochic acid in the aetiology of endemic nephropathy-associated tumours. <i>International Journal of Cancer</i> , 2009, 124, 987-990.	2.3	78
84	Molecular evidence for an involvement of organic anion transporters (OATs) in aristolochic acid nephropathy. <i>Toxicology</i> , 2009, 264, 74-79.	2.0	68
85	Quantification of 3-Nitrobenzanthrone-DNA Adducts Using Online Column-Switching HPLC-Electrospray Tandem Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2009, 22, 1860-1868.	1.7	23
86	The genotoxic air pollutant 3-nitrobenzanthrone and its reactive metabolite N-hydroxy-3-aminobenzanthrone lack initiating and complete carcinogenic activity in NMRI mouse skin. <i>Cancer Letters</i> , 2009, 284, 21-29.	3.2	8
87	3-Aminobenzanthrone, a human metabolite of the carcinogenic environmental pollutant 3-nitrobenzanthrone, induces biotransformation enzymes in rat kidney and lung. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 676, 93-101.	0.9	10
88	Biotransformation of Benzo[a]pyrene in Ahr Knockout Mice Is Dependent on Time and Route of Exposure. <i>Chemical Research in Toxicology</i> , 2009, 22, 584-591.	1.7	23
89	Gene expression profiles modulated by the human carcinogen aristolochic acid I in human cancer cells and their dependence on TP53. <i>Toxicology and Applied Pharmacology</i> , 2008, 232, 86-98.	1.3	32
90	Validation of biomarkers for the study of environmental carcinogens: a review. <i>Biomarkers</i> , 2008, 13, 505-534.	0.9	51

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91	Genotoxicity of 3-nitrobenzanthrone and 3-aminobenzanthrone in Mutaâ,¢Mouse and lung epithelial cells derived from Mutaâ,¢Mouse. <i>Mutagenesis</i> , 2008, 23, 483-490.	1.0	36
92	Identification through microarray gene expression analysis of cellular responses to benzo(a)pyrene and its diol-epoxide that are dependent or independent of p53. <i>Carcinogenesis</i> , 2008, 29, 202-210.	1.3	39
93	DNA adducts and cancer risk in prospective studies: a pooled analysis and a meta-analysis. <i>Carcinogenesis</i> , 2008, 29, 932-936.	1.3	70
94	Mutagenicity and DNA Adduct Formation by the Urban Air Pollutant 2-Nitrobenzanthrone. <i>Toxicological Sciences</i> , 2007, 98, 445-457.	1.4	42
95	Aristolochic acid mutagenesis: molecular clues to the aetiology of Balkan endemic nephropathy-associated urothelial cancer. <i>Carcinogenesis</i> , 2007, 28, 2253-2261.	1.3	159
96	Formation and persistence of DNA adducts formed by the carcinogenic air pollutant 3-nitrobenzanthrone in target and non-target organs after intratracheal instillation in rats. <i>Carcinogenesis</i> , 2007, 28, 1117-1121.	1.3	41
97	Metabolic activation of benzo[a]pyrene in vitro by hepatic cytochrome P450 contrasts with detoxification in vivo: experiments with hepatic cytochrome P450 reductase null mice. <i>Carcinogenesis</i> , 2007, 29, 656-665.	1.3	115
98	AHR- and DNA-Damage-Mediated Gene Expression Responses Induced by Benzo(a)pyrene in Human Cell Lines. <i>Chemical Research in Toxicology</i> , 2007, 20, 1797-1810.	1.7	86
99	The 32P-postlabeling assay for DNA adducts. <i>Nature Protocols</i> , 2007, 2, 2772-2781.	5.5	222
100	Bioactivation of 3-aminobenzanthrone, a human metabolite of the environmental pollutant 3-nitrobenzanthrone: evidence for DNA adduct formation mediated by cytochrome P450 enzymes and peroxidases. <i>Cancer Letters</i> , 2006, 234, 220-231.	3.2	55
101	Identification of three major DNA adducts formed by the carcinogenic air pollutant 3-nitrobenzanthrone in rat lung at the C8 and N2 position of guanine and at the N6 position of adenine. <i>International Journal of Cancer</i> , 2006, 118, 2139-2146.	2.3	76
102	Sex differences in risk of lung cancer: Expression of genes in the PAH bioactivation pathway in relation to smoking and bulky DNA adducts. <i>International Journal of Cancer</i> , 2006, 119, 741-744.	2.3	128
103	THE ENVIRONMENTAL POLLUTANT AND CARCINOGEN 3-NITROBENZANTHRONE AND ITS HUMAN METABOLITE 3-AMINO BENZANTHRONE ARE POTENT INDUCERS OF RAT HEPATIC CYTOCHROMES P450 1A1 AND -1A2 AND NAD(P)H:QUINONE OXIDOREDUCTASE. <i>Drug Metabolism and Disposition</i> , 2006, 34, 1398-1405.	1.7	51
104	Macromolecular Adducts as Biomarkers of Human Exposure to Polycyclic Aromatic Hydrocarbons. , 2005, , 137-169.		10
105	DNA adducts as markers of exposure and risk. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 577, 284-292.	0.4	105
106	Environmental Pollutant and Potent Mutagen 3-Nitrobenzanthrone Forms DNA Adducts after Reduction by NAD(P)H:Quinone Oxidoreductase and Conjugation by Acetyltransferases and Sulfotransferases in Human Hepatic Cytosols. <i>Cancer Research</i> , 2005, 65, 2644-2652.	0.4	118
107	Organ specificity of DNA adduct formation by tamoxifen and Î±-hydroxytamoxifen in the rat: implications for understanding the mechanism(s) of tamoxifen carcinogenicity and for human risk assessment. <i>Mutagenesis</i> , 2005, 20, 297-303.	1.0	26
108	Interleukin 1 receptor antagonist gene polymorphism and risk of lung cancer: A possible interaction with polymorphisms in the interleukin 1 beta gene. <i>Lung Cancer</i> , 2005, 50, 285-290.	0.9	65

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109	MOLECULAR MECHANISM OF GENOTOXICITY OF THE ENVIRONMENTAL POLLUTANT 3-NITROBENZANTHRONE. Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia, 2005, 149, 191-197.	0.2	9
110	Activation of 3-nitrobenzanthrone and its metabolites to DNA-damaging species in human B lymphoblastoid MCL-5 cells. Mutagenesis, 2004, 19, 149-156.	1.0	40
111	DNA adducts and mutagenic specificity of the ubiquitous environmental pollutant 3-nitrobenzanthrone in Muta Mouse. Environmental and Molecular Mutagenesis, 2004, 43, 186-195.	0.9	63
112	3-Aminobenzanthrone, a Human Metabolite of the Environmental Pollutant 3-Nitrobenzanthrone, Forms DNA Adducts after Metabolic Activation by Human and Rat Liver Microsomes:â€™ Evidence for Activation by Cytochrome P450 1A1 and P450 1A2. Chemical Research in Toxicology, 2004, 17, 1092-1101.	1.7	62
113	Role of estrogen receptor in regulation of polycyclic aromatic hydrocarbon metabolic activation in lung. Lung Cancer, 2004, 45, 289-297.	0.9	38
114	Smoking-related DNA adducts in anal epithelium. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 560, 167-172.	0.9	22
115	Activation of 3-nitrobenzanthrone and its metabolites by human acetyltransferases, sulfotransferases and cytochrome P450 expressed in Chinese hamster V79 cells. International Journal of Cancer, 2003, 105, 583-592.	2.3	75
116	DNA adduct formation by the ubiquitous environmental pollutant 3-nitrobenzanthrone and its metabolites in rats. Biochemical and Biophysical Research Communications, 2003, 300, 107-114.	1.0	58
117	Human enzymes involved in the metabolic activation of the environmental contaminant 3-nitrobenzanthrone: evidence for reductive activation by human NADPH:cytochrome p450 reductase. Cancer Research, 2003, 63, 2752-61.	0.4	61
118	Metabolic activation of the environmental contaminant 3-nitrobenzanthrone by human acetyltransferases and sulfotransferase. Carcinogenesis, 2002, 23, 1937-1945.	1.3	112
119	Smoking-related DNA and protein adducts in human tissues. Carcinogenesis, 2002, 23, 1979-2004.	1.3	274
120	Associations between carcinogen-DNA damage, glutathione S-transferase genotypes, and risk of lung cancer in the prospective Physicians' Health Cohort Study. Carcinogenesis, 2002, 23, 1641-1646.	1.3	97
121	Preparation of a Methylated DNA Standard, and Its Stability on Storage. Chemical Research in Toxicology, 2000, 13, 257-261.	1.7	39
122	Standardization and validation of DNA adduct postlabelling methods: report of interlaboratory trials and production of recommended protocols. Mutagenesis, 1999, 14, 301-315.	1.0	211
123	N-Demethylation accompanies Î±-hydroxylation in the metabolic activation of tamoxifen in rat liver cells. Carcinogenesis, 1999, 20, 2003-2009.	1.3	28
124	The DNA repair inhibitors hydroxyurea and cytosine arabinoside enhance the sensitivity of the alkaline single-cell gel electrophoresis ('comet') assay in metabolically-competent MCL-5 cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 445, 21-43.	0.9	73
125	Polycyclic aromatic hydrocarbons in the diet. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 443, 139-147.	0.9	737
126	Detection of DNA modifications by the 32P-postlabelling assay. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 378, 1-12.	0.4	86

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127	Activation of tamoxifen and its metabolite 4-hydroxytamoxifen to DNA-binding products: comparisons between human, rat and mouse hepatocytes. <i>Carcinogenesis</i> , 1996, 17, 89-94.	1.3	94
128	Detection of bulky DNA lesions in the liver of patients with Wilson's disease and primary haemochromatosis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1995, 326, 235-243.	0.4	59
129	Detection and characterization by ³² P-postlabelling of DNA adducts induced by a Fenton-type oxygen radical-generating system. <i>Carcinogenesis</i> , 1992, 13, 1127-1135.	1.3	72
130	³² P-Postlabelling detection of aromatic DNA adducts in peripheral blood lymphocytes from aluminium production plant workers. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1991, 260, 89-98.	1.2	34
131	Improved reversed-phase high-performance liquid chromatographic separation of ³² P-labelled nucleoside 3',5'-bisphosphate adducts of polycyclic aromatic hydrocarbons. <i>Biomedical Applications</i> , 1991, 570, 65-76.	1.7	41
132	³² P-Postlabelling analysis of DNA adducts of benzo[a]pyrene formed in complex metabolic activation systems in vitro. <i>Cancer Letters</i> , 1989, 48, 67-75.	3.2	9