David H Phillips

List of Publications by Year
in descending order

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132 papers	8,249 citations	47 h-index	86 g-index
		47006	51608
134 all docs	134 docs citations	134 times ranked	9735 citing authors

#	Article	IF	Citations
1	Organoids for toxicology and genetic toxicology: applications with drugs and prospects for environmental carcinogenesis. Mutagenesis, 2022, 37, 143-154.	2.6	12
2	Mutagenicity of 2-hydroxyamino-1-methyl-6-phenylimidazo[4,5-b]pyridine (Nâ€“OH-PhIP) in human TP53 knock-in (Hupki) mouse embryo fibroblasts. Food and Chemical Toxicology, 2021, 147, 111855.	3.6	4
3	Mutagenicity of N â€hydroxyâ€4â€aminobiphenyl in human TP53 knockâ€in (Hupki) mouse embryo fibroblasts. Environmental and Molecular Mutagenesis, 2021, 62, 252-264.	2.2	0
4	Relationships between airborne pollutants, serum albumin adducts and short-term health outcomes in an experimental crossover study. Chemosphere, 2020, 239, 124667.	8.2	6
5	Mutagenicity of acrylamide and glycidamide in human TP53 knock-in (Hupki) mouse embryo fibroblasts. Archives of Toxicology, 2020, 94, 4173-4196.	4.2	21
6	Enhanced DNA adduct formation by benzo[a]pyrene in human liver cells lacking cytochrome P450 oxidoreductase. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 852, 503162.	1.7	11
7	Visualisation tools for dependent peptide searches to support the exploration of in vitro protein modifications. PLoS ONE, 2020, 15, e0235263.	2.5	2
8	32P-Postlabeling Analysis of DNA Adducts. Methods in Molecular Biology, 2020, 2102, 291-302.	0.9	6
9	In vitro mutagenicity of selected environmental carcinogens and their metabolites in MutaMouse FE1 lung epithelial cells. Mutagenesis, 2020, 35, 453-463.	2.6	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. Mutagenesis, 2019, 34, 413-420.	2.6	3
15	The impact of p53 on aristolochic acid I-induced nephrotoxicity and DNA damage in vivo and in vitro. Archives of Toxicology, 2019, 93, 3345-3366.	4.2	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. Toxicology and Applied Pharmacology, 2019, 366, 64-74.	2.8	2
17	Bulky DNA adducts, microRNA profiles, and lipid biomarkers in Norwegian tunnel finishing workers occupationally exposed to diesel exhaust. Occupational and Environmental Medicine, 2019, 76, 10-16.	2.8	15
18	The potential of omics approaches to elucidate mechanisms of biodiesel-induced pulmonary toxicity. Particle and Fibre Toxicology, 2019, 16, 4.	6.2	15

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19	Protein Adductomics: Analytical Developments and Applications in Human Biomonitoring. Toxics, 2019, 7, 29.	3.7	13
20	Impact of p53 function on the sulfotransferaseâ€mediated bioactivation of the alkylated polycyclic aromatic hydrocarbon 1â€hydroxymethylpyrene in vitro. Environmental and Molecular Mutagenesis, 2019, 60, 752-758.	2.2	6
21	A Compendium of Mutational Signatures of Environmental Agents. Cell, 2019, 177, 821-836.e16.	28.9	437
22	Characterising Mutational Spectra of Carcinogens in the Tumour Suppressor Gene TP53 Using Human TP53 Knock-in (Hupki) Mouse Embryo Fibroblasts. Methods and Protocols, 2019, 2, 85.	2.0	6
23	The Impact of p53 on Aristolochic Acid I-Induced Gene Expression In Vivo. International Journal of Molecular Sciences, 2019, 20, 6155.	4.1	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(+/â^') and TP53(â^'/â^') cells. Toxicology, 2018, 398-399, 1-12.	4.2	16
25	A novel method for source-specific hemoglobin adducts of nitro-polycyclic aromatic hydrocarbons. Environmental Sciences: Processes and Impacts, 2018, 20, 780-789.	3.5	4
26	Differentiationâ€associated urothelial cytochrome P450 oxidoreductase predicates the xenobioticâ€metabolizing activity of â€œluminalâ€muscleâ€invasive bladder cancers. Molecular Carcinogenesis, 2018, 57, 606-618.	2.7	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. Archives of Toxicology, 2018, 92, 1625-1638.	4.2	26
28	Genotoxicity of fine and coarse fraction ambient particulate matter in immortalised normal (TT1) and cancerâ€derived (A549) alveolar epithelial cells. Environmental and Molecular Mutagenesis, 2018, 59, 290-301.	2.2	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. Mutagenesis, 2018, 33, 311-321.	2.6	9
30	Hepatic DNA damage in harbour porpoises (Phocoena phocoena) stranded along the English and Welsh coastlines. Environmental and Molecular Mutagenesis, 2018, 59, 613-624.	2.2	8
31	EXPOsOMICS: final policy workshop and stakeholder consultation. BMC Public Health, 2018, 18, 260.	2.9	34
32	The role of cytochrome P450 enzymes in carcinogen activation and detoxication: an in vivoâ€“in vitro paradox. Carcinogenesis, 2018, 39, 851-859.	2.8	43
33	Mutational spectra and mutational signatures: Insights into cancer aetiology and mechanisms of DNA damage and repair. DNA Repair, 2018, 71, 6-11.	2.8	58
34	Adductomics. , 2018, , 341-363.		0
35	From the exposome to mechanistic understanding of chemical-induced adverse effects. Environment International, 2017, 99, 97-106.	10.0	146
36	Refinement of a Methodology for Untargeted Detection of Serum Albumin Adducts in Human Populations. Chemical Research in Toxicology, 2017, 30, 2120-2129.	3.3	10

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37	Nutlinâ€3a selects for cells harbouring <scp>TP</scp>53 mutations. International Journal of Cancer, 2017, 140, 877-887.	5.1	22
38	The exposome in practice: Design of the EXPOsOMICS project. International Journal of Hygiene and Environmental Health, 2017, 220, 142-151.	4.3	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.	4.2	22
40	Quantitative relationships betweenlacZmutant frequency and DNA adduct frequency in Mutaâ„¢Mouse tissues and cultured cells exposed to 3-nitrobenzanthrone. Mutagenesis, 2017, 32, gew067.	2.6	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.	2.8	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.	5.3	47
43	Metabolic activation of 2â€aminoâ€1â€methylâ€6â€phenylimidazo [4,5â€b]pyridine and <scp>DNA</scp> adduct formation depends on p53: Studies in <scp>T</scp>rp53(+/+),<scp>T</scp>rp53(+/â€“) and <scp>T</scp>rp53(â€“/â€“) mice. International Journal of Cancer, 2016, 138, 976-982.	5.1	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.	3.3	31
45	Mutational signatures associated with tobacco smoking in human cancer. Science, 2016, 354, 618-622.	12.6	842
46	Quantification of a peptide standard using the intrinsic fluorescence of tyrosine. Analytical and Bioanalytical Chemistry, 2016, 408, 2187-2193.	3.7	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.	4.0	28
48	Carcinogenic polycyclic aromatic hydrocarbons induce CYP1A1 in human cells via a p53-dependent mechanism. Archives of Toxicology, 2016, 90, 291-304.	4.2	74
49	The impact of p53 on DNA damage and metabolic activation of the environmental carcinogen benzo[a]pyrene: effects in Trp53(+/+), Trp53(+/â€“) and Trp53(â€“/â€“) mice. Archives of Toxicology, 2016, 90, 839-851.	4.2	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.	3.1	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.	1.0	39
52	The Hepatic Reductase Null (HRN^{â„¢}) 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.	2.1	13
53	The genome as a record of environmental exposure. Mutagenesis, 2015, 30, gev073.	2.6	174
54	Prenatal exposure to polycyclic aromatic hydrocarbons/aromatics, BDNF and child development. Environmental Research, 2015, 142, 602-608.	7.5	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. International Journal of Cancer, 2014, 135, 502-507.	5.1	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. BMC Genomics, 2014, 15, 880.	2.8	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. Toxicology, 2014, 318, 1-12.	4.2	41
58	32P-Postlabeling Analysis of DNA Adducts. Methods in Molecular Biology, 2014, 1105, 127-138.	0.9	44
59	On the origins and development of the 32P-postlabelling assay for carcinogenâ€“DNA adducts. Cancer Letters, 2013, 334, 5-9.	7.2	34
60	Hepatic genotoxicity and toxicogenomic responses in Mutaâ„¢Mouse males treated with dibenz[a,h]anthracene. Mutagenesis, 2013, 28, 543-554.	2.6	19
61	The Epidemiology, Diagnosis, and Management of Aristolochic Acid Nephropathy. Annals of Internal Medicine, 2013, 158, 469.	3.9	142
62	Bioactivation versus Detoxication of the Urothelial Carcinogen Aristolochic Acid I by Human Cytochrome P450 1A1 and 1A2. Toxicological Sciences, 2012, 125, 345-358.	3.1	57
63	DNA and protein adducts in human tissues resulting from exposure to tobacco smoke. International Journal of Cancer, 2012, 131, 2733-2753.	5.1	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. Toxicology Letters, 2012, 213, 160-166.	0.8	31
65	Inter-laboratory variation in DNA damage using a standard comet assay protocol. Mutagenesis, 2012, 27, 665-672.	2.6	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. Toxicology and Applied Pharmacology, 2012, 264, 377-386.	2.8	140
67	Subchronic Oral Exposure to Benzo(a)pyrene Leads to Distinct Transcriptomic Changes in the Lungs That Are Related to Carcinogenesis. Toxicological Sciences, 2012, 129, 213-224.	3.1	44
68	Metabolic activation of diesel exhaust carcinogens in primary and immortalized human TP53 knockâ€in (Hupki) mouse embryo fibroblasts. Environmental and Molecular Mutagenesis, 2012, 53, 207-217.	2.2	18
69	Philip D. Lawley (1927â€“2011). Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 732, 1-2.	1.0	0
70	Role of P450 1A1 and P450 1A2 in Bioactivation versus Detoxication of the Renal Carcinogen Aristolochic Acid I: Studies in Cyp1a1(â^'/â^'), Cyp1a2(â^'/â^'), and Cyp1a1/1a2(â^'/â^') Mice. Chemical Research in Toxicology, 2011, 24, 1710-1719.	3.3	39
71	Effect of Hepatic Cytochrome P450 (P450) Oxidoreductase Deficiency on 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine-DNA Adduct Formation in P450 Reductase Conditional Null Mice. Drug Metabolism and Disposition, 2011, 39, 2169-2173.	3.3	15
72	Polycyclic Aromatic Hydrocarbon (PAH) Exposure and DNA Adduct Semi-Quantitation in Archived Human Tissues. International Journal of Environmental Research and Public Health, 2011, 8, 2675-2691.	2.6	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. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 716, 92-98.	1.0	11
74	Influence of cell cycle on responses of MCF-7 cells to benzo[a]pyrene. BMC Genomics, 2011, 12, 333.	2.8	58
75	Gene expression changes induced by the human carcinogen aristolochic acid I in renal and hepatic tissue of mice. International Journal of Cancer, 2011, 128, 21-32.	5.1	46
76	Chapter 5. Biomarkers of Human Exposure to Environmental Tobacco Smoke (ETS). Issues in Toxicology, 2011, , 23-49.	0.1	2
77	Constitutive expression of bioactivating enzymes in normal human prostate suggests a capability to activate proâ€carcinogens to DNAâ€damaging metabolites. Prostate, 2010, 70, 1586-1599.	2.3	35
78	Linking environmental carcinogen exposure to TP53 mutations in human tumours using the human TP53 knockâ€in (Hupki) mouse model. FEBS Journal, 2010, 277, 2567-2583.	4.7	57
79	Bulky DNA Adducts in White Blood Cells: A Pooled Analysis of 3,600 Subjects. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 3174-3181.	2.5	24
80	Mechanisms of the Different DNA Adduct Forming Potentials of the Urban Air Pollutants 2-Nitrobenzanthrone and Carcinogenic 3-Nitrobenzanthrone. Chemical Research in Toxicology, 2010, 23, 1192-1201.	3.3	36
81	Linking environmental carcinogen exposure to TP53 mutations in human tumours using the human TP53 knock-in (Hupki) mouse model. FEBS Journal, 2010, 277, 2567-2583.	4.7	42
82	The TERT-CLPTM1L lung cancer susceptibility variant associates with higher DNA adduct formation in the lung. Carcinogenesis, 2009, 30, 1368-1371.	2.8	95
83	TP53 mutation signature supports involvement of aristolochic acid in the aetiology of endemic nephropathyâ€associated tumours. International Journal of Cancer, 2009, 124, 987-990.	5.1	78
84	Molecular evidence for an involvement of organic anion transporters (OATs) in aristolochic acid nephropathy. Toxicology, 2009, 264, 74-79.	4.2	68
85	Quantification of 3-Nitrobenzanthrone-DNA Adducts Using Online Column-Switching HPLC-Electrospray Tandem Mass Spectrometry. Chemical Research in Toxicology, 2009, 22, 1860-1868.	3.3	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. Cancer Letters, 2009, 284, 21-29.	7.2	8
87	3-Aminobenzanthrone, a human metabolite of the carcinogenic environmental pollutant 3-nitrobenzanthrone, induces biotransformation enzymes in rat kidney and lung. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 676, 93-101.	1.7	10
88	Biotransformation of Benzo[a]pyrene in Ahr Knockout Mice Is Dependent on Time and Route of Exposure. Chemical Research in Toxicology, 2009, 22, 584-591.	3.3	23
89	Gene expression profiles modulated by the human carcinogen aristolochic acid I in human cancer cells and their dependence on TP53. Toxicology and Applied Pharmacology, 2008, 232, 86-98.	2.8	32
90	Validation of biomarkers for the study of environmental carcinogens: a review. Biomarkers, 2008, 13, 505-534.	1.9	51

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91	Genotoxicity of 3-nitrobenzanthrone and 3-aminobenzanthrone in Mutaâ„¢Mouse and lung epithelial cells derived from Mutaâ„¢Mouse. Mutagenesis, 2008, 23, 483-490.	2.6	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. Carcinogenesis, 2008, 29, 202-210.	2.8	39
93	DNA adducts and cancer risk in prospective studies: a pooled analysis and a meta-analysis. Carcinogenesis, 2008, 29, 932-936.	2.8	70
94	Mutagenicity and DNA Adduct Formation by the Urban Air Pollutant 2-Nitrobenzanthrone. Toxicological Sciences, 2007, 98, 445-457.	3.1	42
95	Aristolochic acid mutagenesis: molecular clues to the aetiology of Balkan endemic nephropathy-associated urothelial cancer. Carcinogenesis, 2007, 28, 2253-2261.	2.8	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. Carcinogenesis, 2007, 28, 1117-1121.	2.8	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. Carcinogenesis, 2007, 29, 656-665.	2.8	115
98	AHR- and DNA-Damage-Mediated Gene Expression Responses Induced by Benzo(a)pyrene in Human Cell Lines. Chemical Research in Toxicology, 2007, 20, 1797-1810.	3.3	86
99	The 32P-postlabeling assay for DNA adducts. Nature Protocols, 2007, 2, 2772-2781.	12.0	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. Cancer Letters, 2006, 234, 220-231.	7.2	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. International Journal of Cancer, 2006, 118, 2139-2146.	5.1	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. International Journal of Cancer, 2006, 119, 741-744.	5.1	128
103	THE ENVIRONMENTAL POLLUTANT AND CARCINOGEN 3-NITROBENZANTHRONE AND ITS HUMAN METABOLITE 3-AMINOBENZANTHRONE ARE POTENT INDUCERS OF RAT HEPATIC CYTOCHROMES P450 1A1 AND -1A2 AND NAD(P)H:QUINONE OXIDOREDUCTASE. Drug Metabolism and Disposition, 2006, 34, 1398-1405.	3.3	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. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 577, 284-292.	1.0	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. Cancer Research, 2005, 65, 2644-2652.	0.9	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. Mutagenesis, 2005, 20, 297-303.	2.6	26
108	Interleukin 1 receptor antagonist gene polymorphism and risk of lung cancer: A possible interaction with polymorphisms in the interleukin 1 beta gene. Lung Cancer, 2005, 50, 285-290.	2.0	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.	0.6	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.	2.6	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.	2.2	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.	3.3	62
113	Role of estrogen receptor in regulation of polycyclic aromatic hydrocarbon metabolic activation in lung. Lung Cancer, 2004, 45, 289-297.	2.0	38
114	Smoking-related DNA adducts in anal epithelium. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 560, 167-172.	1.7	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.	5.1	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.	2.1	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.	0.9	61
118	Metabolic activation of the environmental contaminant 3-nitrobenzanthrone by human acetyltransferases and sulfotransferase. Carcinogenesis, 2002, 23, 1937-1945.	2.8	112
119	Smoking-related DNA and protein adducts in human tissues. Carcinogenesis, 2002, 23, 1979-2004.	2.8	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.	2.8	97
121	Preparation of a Methylated DNA Standard, and Its Stability on Storage. Chemical Research in Toxicology, 2000, 13, 257-261.	3.3	39
122	Standardization and validation of DNA adduct postlabelling methods: report of interlaboratory trials and production of recommended protocols. Mutagenesis, 1999, 14, 301-315.	2.6	211
123	N-Demethylation accompanies Î±-hydroxylation in the metabolic activation of tamoxifen in rat liver cells. Carcinogenesis, 1999, 20, 2003-2009.	2.8	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.	1.7	73
125	Polycyclic aromatic hydrocarbons in the diet. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 443, 139-147.	1.7	737
126	Detection of DNA modifications by the 32P-postlabelling assay. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1997, 378, 1-12.	1.0	86

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127	Activation of tamoxifen and its metabolite Î±-hydroxytamoxifen to DNA-binding products: comparisons between human, rat and mouse hepatocytes. Carcinogenesis, 1996, 17, 89-94.	2.8	94
128	Detection of bulky DNA lesions in the liver of patients with Wilson's disease and primary haemochromatosis. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1995, 326, 235-243.	1.0	59
129	Detection and characterization by 32P-postlabelling of DNA adducts induced by a Fenton-type oxygen radical-generating system. Carcinogenesis, 1992, 13, 1127-1135.	2.8	72
130	32P-Postlabelling detection of aromatic DNA adducts in peripheral blood lymphocytes from aluminium production plant workers. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1991, 260, 89-98.	1.2	34
131	Improved reversed-phase high-performance liquid chromatographic separation of 32P-labelled nucleoside 3',5'-bisphosphate adducts of polycyclic aromatic hydrocarbons. Biomedical Applications, 1991, 570, 65-76.	1.7	41
132	32P-Postlabelling analysis of DNA adducts of benzo[a]pyrene formed in complex metabolic activation systems in vitro. Cancer Letters, 1989, 48, 67-75.	7.2	9