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Revised methods for the Salmonella mutagenicity test

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2333	Hydrogen peroxide-dependent activation of benzidine to mutagenic species. 1984 , 141, 23-8		15
2332	Comparisons of the promutagen-activating capacity of S9 liver preparations from mouse and chicken using in vitro tests with Salmonella and yeast. 1984 , 140, 75-9		2

2331	Genotoxic activity of caramel on Salmonella and cultured mammalian cells. 1984 , 139, 161-5	10
2330	Implications of multiple mechanisms of carcinogenesis for short-term testing. 1984 , 4, 483-503	12
2329	Chromium (VI) potentiates mutagenesis by sodium azide but not ethyl methanesulfonate. 1984 , 6, 311-20	18
2328	Spontaneous mutation frequencies in Salmonella: enhancement of G/C to A/T transitions and depression of deletion and frameshift mutation frequencies afforded by anoxic incubation. 1984 , 6, 633-50	41
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2326	Suppressive effects of chemicals in mixture on the Salmonella plate test response in the absence of apparent toxicity. 1984 , 6, 683-94	20
2325	Structural features of nitroaromatics that determine mutagenic activity in Salmonella typhimurium. 1984 , 6, 797-811	87
2324	Detoxification of nitrosamides and nitrosocarbamates in blood plasma and tissue homogenates. 1984 , 6, 835-49	16
2323	The detection of environmental mutagens and potential carcinogens. 1984 , 53, 2034-40	47
2322	Metabolism of benzidine-based dyes and the appearance of mutagenic metabolites in urine of rats after oral or intraperitoneal administration. 1984 , 31, 271-82	22
2321	Thiono compounds. 4. In vitro mutagenic and antineoplastic activity of TEPA and thio-TEPA. 1984 , 1, 21-30	19
2320	Irreversible inhibition of hepatic glutathione S-transferase by ciprofibrate, a peroxisome proliferator. 1984 , 123, 1012-8	43
2319	Effect of hypolipidemic peroxisome proliferators on unscheduled DNA synthesis in cultured hepatocytes and on mutagenesis in Salmonella. 1984 , 24, 147-56	67
2318	Examination of some fragrance substances for mutagenic activity. 1984 , 22, 897-900	
2317	Potential of 2,4-dichlorophenoxyacetic acid conjugates as promutagens in the Salmonella/microsome mutagenicity test. 1984 , 19, 689-701	4
2316	Comparative mutagenesis by aminofluorene derivatives. A possible effect of DNA configuration. 1984 , 131, 89-95	6
2315	Chromium(VI) and apparent phenotypic reversion in Salmonella TA100. 1984 , 138, 127-32	4
2314	Mutagenicity studies of p-substituted benzyl derivatives in the Ames Salmonella plate-incorporation assay. 1984 , 138, 145-51	29

2313	Relationships between structures and mutagenic potencies of 16 heterocyclic nitrogen mustards (ICR compounds) in <i>Salmonella typhimurium</i> . 1984 , 136, 185-99	9
2312	Testing of 2,4,5-T-amino acid conjugates for mutagenic activity in <i>Salmonella typhimurium</i> strains. 1984 , 136, 217-21	2
2311	Lack of mutagenicity of diphenylhydantoin in in vitro short-term tests. 1984 , 137, 79-88	13
2310	Mutagenicity of some intercalating agents in Chinese hamster V79 cells. 1984 , 137, 117-22	8
2309	Mutagenic activation of 3-amino-1,4-dimethyl-5H-pyrido(4,3-b)indole(Trp-P-1) and 3-amino-1-methyl-5H-pyrido(4,3-b)indole (Trp-P-2) by primary cultures of adult rat hepatocytes: effect of Aroclor induction in vitro. 1984 , 137, 123-32	6
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2307	Aliphatic halogenated hydrocarbons produce volatile <i>Salmonella</i> mutagens. 1984 , 136, 55-64	11
2306	A search for mutagens in human aortal lipid extracts. 1984 , 53, 331-6	3
2305	Formation of mutagens in cooked foods. VI. Modulation of mutagen formation by iron and ethylenediaminetetracetic acid (EDTA) in fried beef. 1984 , 24, 221-6	7
2304	Determination of the mutagenicity of oxygen free radicals using microbial systems. 1984 , 105, 254-63	5
2303	Characterization of microbial mutagens in complex samples methodology and application. 1984 , 14, 91-150	15
2302	Spontaneous and mutagen-induced deletions: mechanistic studies in <i>Salmonella</i> tester strain TA102. 1984 , 81, 4457-61	87
2301	Mutagenicity of quinones: pathways of metabolic activation and detoxification. 1984 , 81, 1696-700	329
2300	Mutagenic activity in rat urine after feeding with the azo dye tartrazine. 1985 , 57, 214-5	20
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2298	Population monitoring for genetic damage induced by environmental physical and chemical agents. 1985 , 5, 369-84	6
2297	Fungal metabolism and detoxification of polycyclic aromatic hydrocarbons. 1985 , 143, 105-10	73
2296	Mutagenicity evaluation of nitroanilines and nitroaminophenols in <i>Salmonella typhimurium</i> . 1985 , 7, 277-89	15

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2289	Persistence and mutagenic potential of herbicide-derived aniline residues in pond water. 1985 , 35, 696-703	43
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2277	The effect of quercetin on the mutagenicity of 2-acetylaminofluorene and benzo[alpha]pyrene in <i>Salmonella typhimurium</i> strains. 1985 , 142, 103-7	21
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2275	Weak mutagenicity to <i>Salmonella</i> of the formaldehyde-releasing anti-tumour agent hexamethylmelamine. 1985 , 142, 121-5	23
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2248	The stability of mutagenic chemicals stored in solution. 1985 , 7, 293-302	13
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2236	Assay of phenacetin genotoxicity using in vitro and in vivo test systems. 1985 , 16, 355-77	10
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2218	The quality of drinking water prepared from bank-filtered river water in the Netherlands. 1985 , 47, 273-292	13
2217	Progress in the isolation and characterization of non-volatile mutagens in a drinking-water. 1985 , 47, 361-70	7
2216	Use of a new DNA intercalating fluorescing probe for studies on the mechanism of frameshift mutagenesis in <i>Salmonella typhimurium</i> . 1985 , 67, 327-34	6
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2211	Three consistent patterns of response to substituted acridines in a variety of bacterial tester strains used for mutagenicity testing. 1985 , 157, 29-37	55
2210	Mutagenic activation of dialkylnitrosamines by intact urothelial cells. 1985 , 157, 95-105	14
2209	The <i>Salmonella</i> /mammalian microsome mutagenicity test: comparison of human and rat livers as activating systems. 1985 , 156, 139-46	25
2208	Detection of volatile mutagens in creosote and coal tar. 1985 , 156, 195-8	10
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2206	Effect of induction by DDT on metabolism and mutagenicity of benzo[a]pyrene. 1985 , 158, 111-7	2

2205	The nitrosation of alcohol-induced metabolites produces mutagenic substances. 1985 , 158, 159-68	18
2204	Identification and quantification of highly mutagenic nitroacetoxypyrenes and nitrohydroxypyrenes in diesel-exhaust particles. 1985 , 158, 3-18	41
2203	Genotoxicity assay of oil dispersants in bacteria (mutation, differential lethality, SOS DNA-repair) and yeast (mitotic crossing-over). 1985 , 158, 19-30	19
2202	The mutagenicity of bile acids using a fluctuation test. 1985 , 158, 45-51	42
2201	Fecal mutagens and <i>Bacteroides fragilis</i> levels in the feces of dimethylhydrazine-treated rats: influence of diet. 1985 , 158, 53-60	6
2200	3-Substituted 2-halopropenals: mutagenicity, detoxification and formation from 3-substituted 2,3-dihalopropanal promutagens. 1985 , 158, 61-8	12
2199	Condensed tannins induce micronuclei in cultured V79 Chinese hamster cells. 1985 , 158, 89-95	14
2198	Apparent mutagenicity of N-nitrosothiazolidine caused by a trace contaminant. 1985 , 157, 129-34	6
2197	Salmonella/microsome mutagenicity of monochloro derivatives of some di-, tri- and tetracyclic aromatic hydrocarbons. 1985 , 155, 91-4	38
2196	Instant and brewed coffees in the in vitro human lymphocyte mutagenicity test. 1985 , 23, 747-52	12
2195	Genetic damage is not produced by normal cryopreservation procedures involving either glycerol or dimethyl sulfoxide: a cautionary note, however, on possible effects of dimethyl sulfoxide. 1985 , 22, 427-33	33
2194	Mutagenicity of nitroxide-free radicals. 1986 , 251, 393-6	49
2193	Mercapturic acid formation is an activation and intermediary step in the metabolism of hexachlorobutadiene. 1986 , 35, 1271-5	43
2192	The formation and metabolism of N-hydroxymethyl compounds--IX. N-(acetoxymethyl)-4-chlorobenzamide: an electrophile but not a mutagen in <i>Salmonella typhimurium</i> . 1986 , 35, 4161-5	1
2191	Verapamil modulates mutagenicity of antitumour acridines in bacteria and yeast. 1986 , 35, 4581-4	17
2190	Dimethylnitrosamine metabolism: I. In vitro activation of dimethylnitrosamine to mutagenic substance(s) by hepatic and renal tissues from three inbred strains of mice. 1986 , 39, 923-30	4
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2187	Inhibition of dimethylbenzanthracene mutagenicity by butylated hydroxytoluene. 1986 , 24, 704	
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2183	Mutagenicity of para-nitroso-dimethyl- and diethyl-anilines. 1986 , 16, 587-93	7
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2171	Study of the amniotic fluid from smokers and non-smokers in the Ames test. 1986 , 169, 11-6	7
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2168	High levels of mutagenic activity in chlorinated drinking water in Finland. 1986 , 169, 29-34	77
2167	Mutagenicity of para-substituted alpha-methylstyrene oxide derivatives with Salmonella. 1986 , 171, 63-70	22
2166	Mutagenic effect of amniotic fluid from smoking women at term. 1986 , 171, 71-7	13
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2164	Detection of 1-nitropyrene in yakitori (grilled chicken). 1986 , 171, 105-13	53
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2162	Rhodium(III) complexes as genotoxic agents: photochemical effects and their implications. 1986 , 172, 211-22	10
2161	Genotoxic activity of two furan analogues of benzo[a]pyrene and their 2-nitro derivatives. 1986 , 172, 223-30	8
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2159	Structure-mutagenicity relationships of chalcones and their oxides in the Salmonella assay. 1986 , 169, 71-9	13
2158	Mutagenicity testing experiments with the Cobas Bact. 1986 , 172, 1-9	3
2157	Bacterial mutagenicity and carcinogenic potential of some azapyrene derivatives. 1986 , 172, 11-7	10
2156	Xanthine oxidase-mediated mutagenicity of the bladder carcinogen 4-nitrobiphenyl. 1986 , 172, 37-45	15
2155	Genotoxicity assessment of low-molecular weight interferon inducers by the SOS Chromotest. 1986 , 172, 47-50	3
2154	Isolation of mutagenic components by high-performance liquid chromatography from XAD extract of water from the Nishitakase River, Kyoto City, Japan. 1986 , 57, 29-38	10
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2150	A current genotoxicity database for heterocyclic thermic food mutagens. I. Genetically relevant endpoints. 1986, 67, 93-103	14
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1839	Evaluation of the mutagenic and cytostatic potential of aristolochic acid (3,4-methylenedioxy-8-methoxy-10-nitrophenanthrene-1-carboxylic acid) and several of its derivatives. 1988 , 206, 447-54	40
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1835	Assessment of mutagenic activity of repeatedly used deep-frying fats. 1988 , 204, 593-604	38
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1833	Assessment of the mutagenic potential of a fungicide Bavistin using multiple assays. 1988 , 204, 627-43	21
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1823	Absence of genotoxic activity of refined smoke flavor (RSF) in two bacterial short-term tests. 1988 , 204, 235-8	1
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1753	Simple method for precise determination of chemical lethality in the L-arabinose resistance test of <i>Salmonella typhimurium</i> . 1989 , 226, 175-80	2
1752	Reduction of the translation fidelity by kanamycin: effects on growth and mutant frequency in <i>S. typhimurium</i> TA102. 1989 , 226, 211-4	5
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1749	Phenazine derivatives as the mutagenic reaction product from o- or m-phenylenediamine derivatives with hydrogen peroxide. 1989 , 227, 135-45	25
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1743	Mutagenesis by the anti-tumour drug nitracrine in <i>Escherichia coli</i> . 1989 , 227, 251-5	2
1742	Mutagenicity of 1-, 3- and 6-nitrosobenzo[a]pyrene in <i>Salmonella typhimurium</i> and Chinese hamster ovary cells. 1989 , 225, 157-63	19
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1498	Leaching of mutagens into mineral water from polyethyleneterephthalate bottles. 1990 , 90, 241-8	24
1497	Carcinogenic and genotoxic activity of extracts from contaminated sediments in western Lake Ontario. 1990 , 94, 125-41	54
1496	The influence of application rate on the bacterial mutagenicity of soil amended with municipal sewage sludge. 1990 , 68, 147-59	9
1495	Evaluation of olestra in short-term genotoxicity assays. 1990 , 28, 69-73	15
1494	Mutagen excretion and cytochrome P-450-dependent activity in germfree and conventional rats fed a diet containing fried meat. 1990 , 28, 253-61	17
1493	Re-examination of potassium sorbate and sodium sorbate for possible genotoxic potential. 1990 , 28, 397-401	44
1492	Effect on cooking time on mutagen formation in smoke, crust and pan residue from pan-broiled pork. 1990 , 28, 421-6	32
1491	A study of the mutagenicity of some commercially canned Spanish mushrooms. 1990 , 28, 607-11	7
1490	Mutagenic and genotoxic effects of aqueous extracts of <i>Achyrocline satureoides</i> in prokaryotic organisms. 1990 , 240, 13-8	22
1489	Genetic toxicology studies comparing the activity of sidestream smoke from cigarettes which burn or only heat tobacco. 1990 , 240, 59-72	19
1488	Genotoxic effects of various chlorinated butenoic acids identified in chlorinated drinking water. 1990 , 240, 109-16	48
1487	Catechin inhibition of mutagenesis and alteration of DNA binding of 2-acetyl-aminofluorene in rat hepatocytes. 1990 , 240, 151-8	11
1486	Studies on the potential mutagenicity of p-phenylenediamine in oxidative hair dye mixtures. 1990 , 241, 313-23	26

1485	Evidence for an acetoxyarylamine as the ultimate mutagenic reactive intermediate of the carcinogenic aromatic amine 2,4-diaminotoluene. 1990 , 242, 101-10	21
1484	Evaluation of the mutagenic potential of endosulfan using the Salmonella/mammalian microsome assay. 1990 , 242, 121-5	3
1483	Absence of genotoxic activity of penbutolol in bacterial and mammalian cell screening systems. 1990 , 242, 135-42	3
1482	Inhibition of benzo[a]pyrene dihydrodiol epoxide mutagenicity by synthetic analogues of ellagic acid. 1990 , 242, 143-9	16
1481	Mutagenicity of adsorbates to a copper-phthalocyanine derivative recovered from municipal river water. 1990 , 242, 313-7	31
1480	Mutagenicity of dibenz[a,c]anthracene and its derivatives in Salmonella typhimurium TA100. 1990 , 242, 337-43	11
1479	Genotoxicity studies on the organophosphorus insecticide chloracetophone. 1990 , 240, 203-8	6
1478	Bacterial mutagenesis and hepatocyte unscheduled DNA synthesis induced by chrysoidine azo-dye components. 1990 , 240, 227-36	14
1477	Evaluation of the mutagenicity of 'pan masala', a chewing substitute widely used in India. 1990 , 241, 349-54	10
1476	Evaluation of genotoxicity of N-nitrosodibenzylamine in Chinese hamster V79 cells and in Salmonella. 1990 , 241, 379-85	6
1475	Genetic toxicity of the benzene metabolite trans, trans-muconaldehyde in mammalian and bacterial cells. 1990 , 240, 295-306	34
1474	Formation of mutagens during the frying of Hawaiian fish: correlation with creatine and creatinine content. 1990 , 242, 181-6	7
1473	DNA strand breaks in liver for four aliphatic epoxides in mice. 1990 , 242, 187-94	16
1472	Mutagenic compounds in wood-chip drying fumes. 1990 , 242, 9-15	18
1471	Comparative genotoxicity testing of mainstream whole smoke from cigarettes which burn or heat tobacco. 1990 , 242, 37-45	16
1470	Mutagenicity of 3-tert-butyl-4-hydroxyanisole (BHA) and its metabolites in short-term tests in vitro. 1990 , 241, 125-32	22
1469	Synthesis and Mutagenic Activity of Bay-Region Bridged Chrysenes. 1990 , 1, 191-206	4
1468	Glucose alters rat liver S9-mediated mutagenesis, metabolism and DNA-binding of aflatoxin B1. 1990 , 54, 163-9	3

1467	DNA breaks and repair in the mouse leukemia L1210 cells exposed to three different types of interstrand DNA cross-linkers. 1990 , 236, 43-50	6
1466	The rapid detection of direct-acting DNA mutagens by electrical impedance with a DNA repair-deficient strain of <i>Escherichia coli</i> . 1990 , 11, 30-2	5
1465	Hydroperoxidase I catalyzes peroxidative activation of 3,3'-dichlorobenzidine to a mutagen in <i>Salmonella typhimurium</i> . 1990 , 282, 352-7	6
1464	Activation of promutagenic chemicals by <i>Streptomyces griseus</i> containing cytochrome P-450soy. 1990 , 166, 743-9	17
1463	Lung cancer risk and mutagenicity of tea. 1990 , 52, 23-33	66
1462	Assessment of the mutagenic potential of ethanol auto engine exhaust gases by the <i>Salmonella typhimurium</i> microsomal mutagenesis assay, using a direct exposure method. 1990 , 52, 225-30	8
1461	Bioactivation of dapsone to a cytotoxic metabolite: in vitro use of a novel two compartment system which contains human tissues. 1990 , 30, 417-26	23
1460	Screening of plants used in south Brazilian folk medicine. 1991 , 35, 165-71	64
1459	Mutagenic activity of photoreaction products formed from chlorinated ethenes and nitrogen dioxide. 1991 , 55, 178-87	3
1458	Mutagenicity studies of kojic acid. 1991 , 59, 213-20	59
1457	Effect of avarol, avarone and nine of their natural and synthetic derivatives on microsomal drug-metabolizing enzymes. 1991 , 57, 183-93	12
1456	Lack of release from hepatocytes in vitro or excretion in vivo of mutagenic chrysoidine metabolites. 1991 , 58, 43-50	
1455	Modulatory effect of crocetin on aflatoxin B1 cytotoxicity and DNA adduct formation in C3H10T1/2 fibroblast cell. 1991 , 56, 1-10	32
1454	Binding of the strong bacterial mutagen, 3-chloro-4-(dichloromethyl)-5-hydroxy-2(5H)-furanone (MX) to bovine serum albumin. 1991 , 59, 187-95	19
1453	Mutagenicity of Sediments from the Detroit River. 1991 , 17, 314-321	20
1452	Effect of allixin, a phytoalexin produced by garlic, on mutagenesis, DNA-binding and metabolism of aflatoxin B1. 1991 , 59, 89-94	36
1451	The effect of extraction solvent on the mutagenicity of airborne particles. 1991 , 58, 59-67	19
1450	Mutagenicity of potentially carcinogenic mycotoxins produced by <i>Fusarium moniliforme</i> . 1991 , 7, 46-52	46

1449	Induction of putative new cytochrome P450 isozyme in rat liver by 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine. 1991 , 174, 797-803	13
1448	Volatile organohalogen compounds from the bleaching of pulp - occurrence and genotoxic potential in the work environment. 1991 , 23, 1617-1628	10
1447	Emission of PAH and mutagenic activity from furnaces fueled with cereal straw or wood chips. 1991 , 23, 723-735	10
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1444	Rubber additives inhibit the calcium ionophore and thrombin induced activation of rabbit platelets. 1991 , 22, 859-867	2
1443	Effect of bioremediation on the mutagenicity of oil spilled in Prince William Sound, Alaska. 1991 , 23, 643-650	16
1442	Stress protein synthesis, a potential toxicity marker in Escherichia coli. 1991 , 21, 275-82	16
1441	Genotoxicity of the boldine aporphine alkaloid in prokaryotic and eukaryotic organisms. 1991 , 260, 145-52	21
1440	Adsorption of a hydrophobic mutagen to dietary fibre from the skin and flesh of potato tubers. 1991 , 260, 203-13	25
1439	Performance of 133 compounds in the lambda prophage induction endpoint of the Microscreen assay and a comparison with S. typhimurium mutagenicity and rodent carcinogenicity assays. 1991 , 260, 349-67	60
1438	Isolation of the mutagenic and DNA adduct-inducing components from a commercial preparation of HC blue 1 using Salmonella (TA98) bioassay-directed HPLC fractionation. 1991 , 260, 377-85	3
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1436	Mutagenicity spectra in bacterial strains of airborne and engine exhaust particulate extracts. 1991 , 261, 237-48	41
1435	Cytotoxicity, genotoxicity and transforming activity of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) in rat tracheal epithelial cells. 1991 , 261, 249-59	9
1434	Mutagenic activity of certain synthetic steroids: structural requirement for the mutagenic activity in Salmonella and E. coli. 1991 , 259, 177-87	10
1433	Mutagenicity of processed bidi tobacco: possible relevance to bidi industry workers. 1991 , 261, 93-9	10
1432	Evaluation of secondary nitroalkanes, their nitronates, primary nitroalkanes, nitrocarbinols, and other aliphatic nitro compounds in the Ames Salmonella assay. 1991 , 261, 197-207	23

1431	Lack of mutagenicity of ochratoxin A and B, citrinin, patulin and cneistine in <i>Salmonella typhimurium</i> TA102. 1991 , 261, 209-16	53
1430	Mutagenicity of coolwhite fluorescent light for <i>Salmonella</i> . 1991 , 260, 25-38	8
1429	Mutagenicity testing of condensates of smoke from titanium dioxide/hexachloroethane and zinc/hexachloroethane pyrotechnic mixtures. 1991 , 260, 39-46	10
1428	A study on the mutagenicity of 102 raw pharmaceuticals used in Chinese traditional medicine. 1991 , 260, 73-82	31
1427	Non-mutagenicity of 4 metabolites of di(2-ethylhexyl)phthalate (DEHP) and 3 structurally related derivatives of di(2-ethylhexyl)adipate (DEHA) in the <i>Salmonella</i> mutagenicity assay. 1991 , 260, 121-30	8
1426	Structure-activity relationships of a series of antitumoral 5,8-quinazolinediones in mutagenicity studies. 1991 , 261, 51-6	5
1425	Further studies on the comutagenic activity of cigarette smoke condensate. 1991 , 259, 29-36	6
1424	Liver, lung and kidney homogenates used as an activation system in mutagenicity studies of airborne particles and of expectorate and urine samples from exposed workers in a coke plant. 1991 , 259, 49-65	2
1423	Mutagenicity of 30 chemicals in <i>Salmonella typhimurium</i> strains possessing different nitroreductase or O-acetyltransferase activities. 1991 , 259, 95-102	144
1422	The mutagenicity of edible mushrooms in a histidine-independent bacterial test system. 1991 , 29, 159-65	28
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1420	Inactivation of aflatoxin B1 in corn meal, copra meal and peanuts by chlorine gas treatment. 1991 , 29, 41-7	36
1419	Turmeric (<i>Curcuma longa</i>)-induced reduction in urinary mutagens. 1991 , 29, 699-706	53
1418	Sources of mutagenicity in cooked Finnish foods. 1991 , 29, 87-92	12
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1416	Application of Staged Combustion and Reburning to the Co-Firing of Nitrogen-Containing Wastes. 1991 , 8, 1-15	10
1415	The Effect of a Ceramic Particulate Trap on the Particulate and Vapor Phase Emissions of a Heavy-Duty Diesel Engine. 1991 ,	9
1414	<i>Salmonella typhimurium</i> has two homologous but different umuDC operons: cloning of a new umuDC-like operon (samAB) present in a 60-megadalton cryptic plasmid of <i>S. typhimurium</i> . 1991 , 173, 1051-63	78

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1392	In vitro effects of L-ascorbic acid (vitamin C) on aryl hydrocarbon hydroxylase activity in hepatic microsomes of mice. 1991 , 251, 227-32	3
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1380	Considerations in the U.S. Environmental Protection Agency's testing approach for mutagenicity. 1991 , 258, 259-83	97
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1322	Introduction of cytochrome P450IA2 metabolic capability into cell lines genetically matched for DNA repair proficiency/deficiency. 1991 , 88, 3827-31	35
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