J A Holme

List of Publications by Year in descending order

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112	3,527	36	53
papers	citations	h-index	g-index
112	112	112	2932
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Characterization and proâ€inflammatory potential of indoor mold particles. Indoor Air, 2020, 30, 662-681.	4.3	17
2	The Fusarium mycotoxin, 2-Amino-14,16-dimethyloctadecan-3-ol (AOD) induces vacuolization in HepG2 cells. Toxicology, 2020, 433-434, 152405.	4.2	5
3	Potential role of polycyclic aromatic hydrocarbons as mediators of cardiovascular effects from combustion particles. Environmental Health, 2019, 18, 74.	4.0	110
4	Combustion Particle-Induced Changes in Calcium Homeostasis: A Contributing Factor to Vascular Disease?. Cardiovascular Toxicology, 2019, 19, 198-209.	2.7	17
5	Hyphae fragments from A. fumigatus sensitize lung cells to silica particles (Min-U-Sil): Increased release of IL- $1\hat{l}^2$. Toxicology in Vitro, 2019, 55, 1-10.	2.4	7
6	Characterization and pro-inflammatory responses of spore and hyphae samples from various mold species. Indoor Air, 2018, 28, 28-39.	4.3	17
7	Lipophilic components of diesel exhaust particles induce pro-inflammatory responses in human endothelial cells through AhR dependent pathway(s). Particle and Fibre Toxicology, 2018, 15, 21.	6.2	52
8	Immunomodulatory effects of individual and combined mycotoxins in the THP-1 cell line. Toxicology in Vitro, 2016, 36, 120-132.	2.4	42
9	Air pollution-related metals induce differential cytokine responses in bronchial epithelial cells. Toxicology in Vitro, 2016, 36, 53-65.	2.4	15
10	The mycotoxin alternariol induces DNA damage and modify macrophage phenotype and inflammatory responses. Toxicology Letters, 2015, 239, 9-21.	0.8	41
11	Autophagy and senescence, stress responses induced by the DNA-damaging mycotoxin alternariol. Toxicology, 2014, 326, 119-129.	4.2	42
12	Mechanisms linked to differences in the mutagenic potential of 1,3-dinitropyrene and 1,8-dinitropyrene. Toxicology Reports, 2014, 1, 459-473.	3.3	4
13	Alternariol induces abnormal nuclear morphology and cell cycle arrest in murine RAW 264.7 macrophages. Toxicology Letters, 2013, 219, 8-17.	0.8	32
14	Season linked responses to fine and quasi-ultrafine Milan PM in cultured cells. Toxicology in Vitro, 2013, 27, 551-559.	2.4	87
15	Inflammation-Related Effects of Diesel Engine Exhaust Particles: Studies on Lung Cells <i>In Vitro</i> BioMed Research International, 2013, 2013, 1-13.	1.9	83
16	Mechanisms involved in alternariol-induced cell cycle arrest. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2012, 738-739, 1-11.	1.0	56
17	Enniatin B-induced cell death and inflammatory responses in RAW 267.4 murine macrophages. Toxicology and Applied Pharmacology, 2012, 261, 74-87.	2.8	60
18	Biotransformation enzymes and lung cell response to 2â€hydroxyethylâ€methacrylate. Journal of Biomedical Materials Research - Part A, 2012, 100A, 462-469.	4.0	4

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19	DNA-damage, cell-cycle arrest and apoptosis induced in BEAS-2B cells by 2-hydroxyethyl methacrylate (HEMA). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 723, 158-164.	1.7	39
20	Mechanisms involved in lipid accumulation and apoptosis induced by 1-nitropyrene in Hepa1c1c7 cells. Toxicology Letters, 2011, 206, 289-299.	0.8	20
21	Role of thiolâ€complex formation in 2â€hydroxyethyl†methacrylate†induced toxicity <i>in vitro</i> Journal of Biomedical Materials Research - Part A, 2011, 96A, 395-401.	4.0	41
22	TACE/TGF-Â/EGFR regulates CXCL8 in bronchial epithelial cells exposed to particulate matter components. European Respiratory Journal, 2011, 38, 1189-1199.	6.7	36
23	DNA damage and DNA damage response in human bronchial epithelial BEAS-2B cells following exposure to 2-nitrobenzanthrone and 3-nitrobenzanthrone: role in apoptosis. Mutagenesis, 2011, 26, 697-708.	2.6	37
24	3-Nitrobenzanthrone and 3-aminobenzanthrone induce DNA damage and cell signalling in Hepalclc7 cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2010, 684, 11-23.	1.0	25
25	The B[a]P-increased intercellular communication via translocation of connexin-43 into gap junctions reduces apoptosis. Toxicology and Applied Pharmacology, 2010, 242, 231-240.	2.8	27
26	Differential effects of nitro-PAHs and amino-PAHs on cytokine and chemokine responses in human bronchial epithelial BEAS-2B cells. Toxicology and Applied Pharmacology, 2010, 242, 270-280.	2.8	113
27	3-nitrofluoranthene (3-NF)-induced apoptosis and programmed necrosis. Autophagy, 2009, 5, 751-752.	9.1	6
28	Signalling pathways involved in 1-nitropyrene (1-NP)-induced and 3-nitrofluoranthene (3-NF)-induced cell death in Hepa1c1c7 cells. Mutagenesis, 2009, 24, 481-493.	2.6	16
29	3-Nitrofluoranthene (3-NF) but not 3-aminofluoranthene (3-AF) elicits apoptosis as well as programmed necrosis in Hepa1c1c7 cells. Toxicology, 2009, 255, 140-150.	4.2	14
30	Cytokine and chemokine expression patterns in lung epithelial cells exposed to components characteristic of particulate air pollution. Toxicology, 2009, 259, 46-53.	4.2	82
31	HEMA reduces cell proliferation and induces apoptosis in vitro. Dental Materials, 2008, 24, 134-140.	3.5	45
32	Effects of nitrated-polycyclic aromatic hydrocarbons and diesel exhaust particle extracts on cell signalling related to apoptosis: Possible implications for their mutagenic and carcinogenic effects. Toxicology, 2007, 231, 159-174.	4.2	80
33	Different mechanisms involved in apoptosis following exposure to benzo[a]pyrene in F258 and Hepa1c1c7 cells. Chemico-Biological Interactions, 2007, 167, 41-55.	4.0	61
34	Role of cell signalling involved in induction of apoptosis by benzo[a]pyrene and cyclopenta[c,d]pyrene in Hepa1c1c7 cells. Journal of Cellular Biochemistry, 2004, 93, 1143-1154.	2.6	45
35	Mechanisms involved in the induction of apoptosis by T-2 and HT-2 toxins in HL-60 human promyelocytic leukemia cells. Cell Biology and Toxicology, 2003, 19, 53-68.	5.3	34
36	Polycyclic aromatic hydrocarbons induce both apoptotic and anti-apoptotic signals in Hepa1c1c7 cells. Carcinogenesis, 2003, 25, 809-819.	2.8	112

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37	Estrogen-like properties of brominated analogs of bisphenol A in the MCF-7 human breast cancer cell line. Cell Biology and Toxicology, 2001, 17, 139-151.	5.3	72
38	DNA damage induced by the drinking water mutagen 3-chloro-4-(dichloromethyl)-5-hydroxy-2[5H]-furanone (MX) in mammalian cells in vitro and in mice. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 441, 145-153.	1.7	24
39	Single-strand breaks, cell cycle arrest and apoptosis in HL-60 and LLCPK1 cells exposed to 1,2-dibromo-3-chloropropane. Cell Biology and Toxicology, 1998, 14, 267-282.	5.3	5
40	Metabolism and activation of cyclopenta polycyclic aromatic hydrocarbons in liver tissue from rats and humans. Chemico-Biological Interactions, 1998, 113, 217-237.	4.0	9
41	Metabolism and activation of cyclopenta polycyclic aromatic hydrocarbons in isolated human lymphocytes, HL-60 cells and exposed rats. Chemico-Biological Interactions, 1998, 114, 77-95.	4.0	5
42	Genotoxic effects of cyclopenta-fused polycyclic aromatic hydrocarbons in different types of isolated rat lung cells. Carcinogenesis, 1997, 18, 193-199.	2.8	10
43	DNA Damage,gadd153Expression, and Cytotoxicity in Plateau-Phase Renal Proximal Tubular Epithelial Cells Treated with a Quinol Thioether. Archives of Biochemistry and Biophysics, 1997, 341, 300-308.	3.0	15
44	DNA damage induced by 3-chloro-4-(dichloromethyl)-5-hydroxy-2[5H]-furanone (MX) in HL-60 cells and purified DNA in vitro. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1997, 390, 171-178.	1.7	18
45	Apoptosis in HL-60 cells induced by 3-chloro-4-(dichloromethyl)-5-hydroxy-2[5H]-furanone (MX). Chemico-Biological Interactions, 1997, 106, 89-107.	4.0	21
46	Paracetamol inhibits cell cycling and induces apoptosis in HL-60 cells. Basic and Clinical Pharmacology and Toxicology, 1997, 81, 285-93.	0.0	10
47	Effects of phenethyl isothiocyanate on metabolism and on genotoxicity of dimethylnitrosamine and 2-amino-1-methyl-6-phenylimidazo[4, 5â^'b]pyridine (PhIP). Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 350, 93-102.	1.0	33
48	Organ-specific and transplacental DNA damage and its repair in rats treated with 1,2-dibromo-3-chloropropane. Chemico-Biological Interactions, 1996, 101, 33-48.	4.0	24
49	A comparative study of chemically induced DNA damage in isolated human and rat testicular cells. Reproductive Toxicology, 1996, 10, 509-519.	2.9	72
50	Biotransformation of the cyclopenta-fused polycyclic aromatic hydrocarbon benz[j]aceanthrylene in isolated rat liver cells: identification of nine new metabolites. Carcinogenesis, 1996, 17, 1111-1120.	2.8	4
51	Effects of acetaminophen and hydroxyurea on spermatogenesis and sperm chromatin structure in laboratory mice. Reproductive Toxicology, 1995, 9, 21-33.	2.9	48
52	In vitro toxicity of 1,2-dibromo-3-chloropropane (DBCP) in different testicular cell types from rats. Reproductive Toxicology, 1995, 9, 461-473.	2.9	27
53	An evaluation of the genetic toxicity of paracetamol. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1995, 327, 179-200.	1.0	42
54	Metabolism of 1,2-dibromo-3-chloropropane by glutathione S-transferases. Chemico-Biological Interactions, 1995, 97, 257-272.	4.0	15

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55	Inhibitory effects of paracetamol of DNA repair in mammalian cells. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1995, 342, 157-170.	1.2	34
56	Genotoxicity of paracetamol in mice and rats. Mutagenesis, 1994, 9, 93-100.	2.6	37
57	Chemically induced DNA damage in isolated rabbit lung cells. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1993, 285, 303-311.	1.0	5
58	Metabolic Activation of Tris(2,3-dibromopropyl)phosphate to Reactive Intermediates .II. Covalent Binding, Reactive Metabolite Formation, and Differential Metabolite-Specific DNA Damage in Vivo. Toxicology and Applied Pharmacology, 1993, 118, 196-204.	2.8	5
59	Genotoxic effects of cyclopenta-fused polycyclic aromatic hydrocarbons in isolated rat hepatocytes and rabbit lung cells. Carcinogenesis, 1993, 14, 1125-1131.	2.8	6
60	Paracetamol inhibits UV-induced DNA repair in resting human mononuclear blood cells in vitro. Mutagenesis, 1993, 8, 423-429.	2.6	20
61	Organ-specific DNA damage of tris(2,3-dibromopropyl)-phosphate and its diester metabolite in the rat. Chemico-Biological Interactions, 1992, 82, 195-207.	4.0	7
62	Co-culture systems for assessing the stability and genotoxicity of reactive 1, 2-dibromo-3-chloropropane (DBCP) metabolites. Mutagenesis, 1991, 6, 25-30.	2.6	10
63	Comparative cytotoxic effects of acetaminophen (n-acetyl-p-aminophenol), a non-hepatotoxic regioisomer acetyl-m-aminophenol and their postulated reactive hydroquinone and quinone metabolites in monolayer cultures of mouse hepatocytes. Biochemical Pharmacology, 1991, 42, 1137-1142.	4.4	36
64	Genotoxic effects of the drinking water mutagen 3-chloro-4-(dichloromethyl)-5-hydroxy-2[5H]-furanone (MX) in mammalian cells in vitro and in rats in vivo. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1991, 260, 55-64.	1.2	72
65	Increased frequency of sister-chromatid exchange and chromatid breaks in lymphocytes after treatment of human volunteers with therapeutic doses of paracetamol. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1991, 261, 1-8.	1.2	28
66	The non-genotoxicity to rodents of the potent rodent bladder carcinogens o-anisidine and p-cresidine. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 250, 115-133.	1.0	30
67	Genotoxic effects of 2-amino-3,4-dimethylimidazo(4,5-f)quinoline (MelQ) in rats measured by alkaline elution. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 251, 1-6.	1.0	6
68	Prevention of 1,2-dibromo-3-chloropropane (DBCP)-induced kidney necrosis and testicular atrophy by 3-aminobenzamide. Toxicology and Applied Pharmacology, 1991, 110, 118-128.	2.8	6
69	DNA damage and cell death induced by 1,2-dibromo-3-chloropropane (DBCP) and structural analogs in monolayer culture of rat hepatocytes: 3-aminobenzamide inhibits the toxicity of DBCP. Cell Biology and Toxicology, 1991, 7, 413-432.	5.3	16
70	Formation of a glutathione conjugate and a semistable transportable glucuronide conjugate of N2-oxidized species of 2-amino-1-methyl-6phenylimidazo[4,5-b]pyridine (PHIP) in rat liver. Carcinogenesis, 1991, 12, 2239-2245.	2.8	91
71	Species Differences in Kidney Necrosis and DNA Damage, Distribution and Glutathioneâ€Dependent Metabolism of 1,2â€Dibromoâ€3â€chloropropane (DBCP). Basic and Clinical Pharmacology and Toxicology, 1990, 66, 287-293.	0.0	10
72	Paracetamol inhibits replicative DNA synthesis and induces sister chromatid exchange and chromosomal aberrations by inhibition of ribonucleotide reductase. Mutagenesis, 1990, 5, 475-480.	2.6	57

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73	Different mechanisms are involved in DNA damage, bacterial mutagenicity and cytotoxicity induced by 1,2-dibromo-3-chloropropane in suspensions of rat liver cells. Carcinogenesis, 1989, 10, 49-54.	2.8	35
74	Genotoxicity of the food mutagen 2-amino-1-methyl-6-phenylimidazo [4,5-b]pyridine (PhIP): formation of 2-hydroxamino-PhIP, a directly acting genotixic metabolite. Carcinogenesis, 1989, 10, 1389-1396.	2.8	111
75	4-(2-amino-1-methylimidazo pyrid-6-yl)[4,5-b]phenyl sulfate—a major metabolite of the food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b] (PhIP) in the rat. Carcinogenesis, 1989, 10, 1543-1547.	2.8	49
76	Metabolism of the food carcinogen 2-amino-3, 8-dimethylimidazo[4, 5-f]quinoxaline in isolated rat liver cells. Carcinogenesis, 1989, 10, 1277-1283.	2.8	24
77	Toxic effects of cyclophosphamide in differentiating chicken limb bud cell culture using rat liver 9,000 g supernatant or rat liver cells as an activation system: An in vitro short-term test for proteratogens. Teratology, 1989, 40, 603-613.	1.6	12
78	Characterisation of metabolites of the food mutagens 2-amino-3-methylimidazo[4,5-f]quinoline and 2-amino-3,4-dimethylimidazo[4,5-f]quinoline formed after incubation with isolated rat liver cells. Chemico-Biological Interactions, 1989, 72, 125-142.	4.0	13
79	Species differences in testicular necrosis and DNA damage, distribution and metabolism of 1,2-dibromo-3-chloropropane (DBCP). Toxicology, 1989, 58, 133-144.	4.2	30
80	Role of P-450 activity and glutathione levels in 1,2-dibromo-3-chloropropane tissue distribution, renal necrosis and in vivo DNA damage. Toxicology, 1989, 56, 273-288.	4.2	19
81	Inhibition of replicative DNA synthesis by paracetamol in V79 Chinese hamster cells. Toxicology in Vitro, 1989, 3, 13-20.	2.4	23
82	Comparative genotoxicities of procarbazine and two deuterated analogs in mammalian cells in vitro and in vivo. Mutagenesis, 1989, 4, 355-360.	2.6	6
83	An automated alkaline elution system: DNA damage induced by 1,2-dibromo-3-chloropropane in vivo and in vitro. Analytical Biochemistry, 1988, 174, 522-536.	2.4	66
84	Modulation of the mutagenic effects of 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) and 2-amino-3,4-dimethylimidazo[4,5-f]quinoline (MelQ) in bacteria with rat-liver 9000 Å— g supernatant or monolayers of rat hepatocytes as an activation system. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1988, 197, 39-49.	1.0	8
85	Testicular necrosis and DNA damage caused by deuterated and methylated analogs of 1,2-dibromo-3-chloropropane in the rat. Toxicology and Applied Pharmacology, 1988, 94, 437-447.	2.8	39
86	Toxic effects of paracetamol and related structures in V79 Chinese hamster cells. Mutagenesis, 1988, 3, 51-56.	2.6	35
87	Genotoxic effects of paracetamol in V79 Chinese hamster cells. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1988, 204, 333-341.	1.2	33
88	Genotoxic activity of the N-acetylated metabolites of the food mutagens 2-amino-3-methylimidazo[4,5-f]quinoline (IQ) and 2-amino-3, 4-dimethylimidazo[4,5-f]quinoline (MelQ). Mutagenesis, 1988, 3, 303-309.	2.6	10
89	Comparative genotoxic effects of IQ and MeIQ in Salmonella typhimurium and cultured mammalian cells. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1987, 187, 181-190.	1.2	31
90	Metabolism of 2-amino-3-methylimidazo [4,5-f]quinoline IQ and 2-amino-3,4-dimethylimidazo [4,5-f]quinoline (MeIQ) in suspensions of isolated rat-liver cells. Toxicology in Vitro, 1987, 1, 175-181.	2.4	6

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91	Mutagenic activation of 2-amino-3-methylimidazo [4,5-f]-quinoline (IQ) and 2-amino-3,4-dimethylimidazo [4,5-f]-quinoline (MelQ) by subcellular fractions and cells isolated from small intestine, kidney and liver of the rat. Cell Biology and Toxicology, 1987, 3, 51-61.	5. 3	14
92	Renal necrosis and DNA damage caused by selectively deuterated and methylated analogs of 1,2-dibromo-3-chloropropane in the rat. Toxicology and Applied Pharmacology, 1987, 91, 358-370.	2.8	29
93	Studies on the Mechanism of Acetamide Hepatocarcinogenicity. Basic and Clinical Pharmacology and Toxicology, 1987, 60, 9-16.	0.0	19
94	MECHANISM OF PARACETAMOL TOXICITY. Lancet, The, 1986, 327, 804-805.	13.7	22
95	Species differences in cytotoxic and genotoxic effects of phenacetin and paracetamol in primary monolayer cultures of hepatocytes. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1986, 164, 167-175.	0.4	19
96	Modulation of cytotoxic and genotoxic effects of 2-acetylaminofluorene in rat and hamster hepatocytes by 3-methylcholanthrene pre-treatment. Carcinogenesis, 1986, 7, 1561-1567.	2.8	6
97	Effects of harman and norharman on the metabolism and genotoxicity of 2-acetylaminofluorene in cultured rat hepatocytes. Cell Biology and Toxicology, 1985, 1, 223-239.	5. 3	7
98	The genotoxicity of 2-bromoacrolein and 2,3-dibromopropanal. Carcinogenesis, 1985, 6, 705-709.	2.8	12
99	Species differences in the cytotoxic and genotoxic effects of 2-acetylaminofluorene and its primary metabolites 2-aminofluorene and N-OH-2-acetylaminofluorene. Carcinogenesis, 1985, 6, 421-425.	2.8	19
100	Unscheduled DNA synthesis of rat hepatocytes in monolayer culture. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1984, 126, 205-214.	1.0	20
101	Modulation of genotoxic and cytotoxic effects of aromatic amines in monolayers of rat hepatocytes. Cell Biology and Toxicology, 1984, 1, 95-110.	5.3	17
102	Cytotoxic effects of N-acetyl-p-benzoquinone imine, a common arylating intermediate of paracetamol and N-hydroxyparacetamol. Biochemical Pharmacology, 1984, 33, 401-406.	4.4	112
103	Genotoxicity studies with paracetamol. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1984, 138, 21-32.	1.2	76
104	Modulation of aromatic amine mutagenicity in Salmonella typhimurium with rat-liver 9000 g supernatant or monolayers of rat hepatocytes as an activation system. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1983, 117, 113-125.	1.2	18
105	Comparative genotoxicity studies of the flame retardant tris(2,3-dibromopropyl)phosphate and possible metabolites. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1983, 124, 213-224.	1.2	11
106	Drug Metabolism Activities of Isolated Rat Hepatocytes in Monolayer Culture. Acta Pharmacologica Et Toxicologica, 1983, 52, 348-356.	0.0	42
107	Increased Cytochrome Pâ€450 Independent Drug Metabolism and Mutagen Activation in Rat Liver by Octachlorostyrene. Acta Pharmacologica Et Toxicologica, 1983, 53, 325-332.	0.0	7
108	Induction of liver microsomal cytochrome P-450 And associated monooxygenases by octachlorostyrene in inbred strains of mice. Biochemical Pharmacology, 1982, 31, 2523-2529.	4.4	10

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109	Induction of Liver Microsomal Cytochrome Pâ€450 and Associated Monooxygenases by Octachlorostyrene in the Rat. Acta Pharmacologica Et Toxicologica, 1982, 50, 41-49.	0.0	13
110	Inhibition of Paranitroanisole and Antipyrine Monooxygenation in Isolated Rat Hepatocytes by Compounds Interacting with Mitochondrially Related Carbohydrate Metabolism. Acta Pharmacologica Et Toxicologica, 1982, 50, 272-282.	0.0	8
111	Cytotoxic Effects of Nâ€Hydroxyparacetamol in Suspensions of Isolated Rat Hepatocytes. Acta Pharmacologica Et Toxicologica, 1982, 51, 87-95.	0.0	36
112	Modulation of Nâ€Hydroxyparacetamol Cytotoxicity in Suspensions of Isolated Rat Hepatocytes. Acta Pharmacologica Et Toxicologica, 1982, 51, 96-102.	0.0	6