

Franz Oesch

List of Publications by Year in descending order

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26567

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37111

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260
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docs citations

260
times ranked

8814
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian Epoxide Hydrases: Inducible Enzymes Catalysing the Inactivation of Carcinogenic and Cytotoxic Metabolites Derived from Aromatic and Olefinic Compounds. <i>Xenobiotica</i> , 1973, 3, 305-340.	0.5	818
2	Genotoxicity investigations on nanomaterials: Methods, preparation and characterization of test material, potential artifacts and limitationsâ€”Many questions, some answers. <i>Mutation Research - Reviews in Mutation Research</i> , 2009, 681, 241-258.	2.4	328
3	A Multiplex Polymerase Chain Reaction Protocol for the Simultaneous Analysis of the GlutathioneS-Transferase GSTM1 and GSTT1 Polymorphisms. <i>Analytical Biochemistry</i> , 1996, 236, 184-186.	1.1	304
4	Immunoselection in vivo: Independent loss of MHC class I and melanocyte differentiation antigen expression in metastatic melanoma. <i>International Journal of Cancer</i> , 1997, 71, 142-147.	2.3	287
5	Adverse outcome pathways: opportunities, limitations and open questions. <i>Archives of Toxicology</i> , 2017, 91, 3477-3505.	1.9	282
6	Granulocyte-macrophage-colony-stimulating factor enhances immune responses to melanoma-associated peptidesin vivo. , 1996, 67, 54-62.		261
7	New Hepatocyte In Vitro Systems for Drug Metabolism: Metabolic Capacity and Recommendations for Application in Basic Research and Drug Development, Standard Operation Procedures. <i>Drug Metabolism Reviews</i> , 2003, 35, 145-213.	1.5	248
8	Inverse relationship of melanocyte differentiation antigen expression in melanoma tissues and CD8+ cytotoxic-T-cell responses: Evidence for immunoselection of antigen-loss variantsin vivo. , 1996, 66, 470-476.		243
9	Enhancement of cytotoxicity of artemisinins toward cancer cells by ferrous iron. <i>Free Radical Biology and Medicine</i> , 2004, 37, 998-1009.	1.3	233
10	Occupational exposure to heavy metals: DNA damage induction and DNA repair inhibition prove co-exposures to cadmium, cobalt and lead as more dangerous than hitherto expected. <i>Carcinogenesis</i> , 2003, 24, 63-73.	1.3	223
11	Structure of <i>Aspergillus niger</i> epoxide hydrolase at 1.8 Å... resolution: implications for the structure and function of the mammalian microsomal class of epoxide hydrolases. <i>Structure</i> , 2000, 8, 111-122.	1.6	179
12	Drug-Metabolizing Enzymes in the Skin of Man, Rat, and Pig. <i>Drug Metabolism Reviews</i> , 2007, 39, 659-698.	1.5	160
13	Toxico-/biokinetics of nanomaterials. <i>Archives of Toxicology</i> , 2012, 86, 1021-1060.	1.9	160
14	Of mice and models: improved animal models for biomedical research. <i>Physiological Genomics</i> , 2002, 11, 115-132.	1.0	157
15	Aryl hydrocarbon receptor activation by cAMP vs. dioxin: Divergent signaling pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9218-9223.	3.3	155
16	Sequence similarity of mammalian epoxide hydrolases to the bacterial haloalkane dehalogenase and other related proteins. <i>FEBS Letters</i> , 1994, 338, 251-256.	1.3	144
17	The apparent ubiquity of epoxide hydratase in rat organs. <i>Biochemical Pharmacology</i> , 1977, 26, 603-607.	2.0	141
18	INTERSPECIES DIFFERENCES IN CANCER SUSCEPTIBILITY AND TOXICITY*. <i>Drug Metabolism Reviews</i> , 1999, 31, 917-970.	1.5	133

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19	Structure of Rhodococcus erythropolis limonene-1,2-epoxide hydrolase reveals a novel active site. EMBO Journal, 2003, 22, 2583-2592.	3.5	133
20	The N-terminal domain of mammalian soluble epoxide hydrolase is a phosphatase. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1552-1557.	3.3	131
21	Carbonyl reductase provides the enzymatic basis of quinone detoxication in man. Biochemical Pharmacology, 1986, 35, 1277-1282.	2.0	127
22	Asp333, Asp495, and His52.3 Form the Catalytic Triad of Rat Soluble Epoxide Hydrolase. Journal of Biological Chemistry, 1996, 271, 4223-4229.	1.6	126
23	Purification of rat liver epoxide hydratase to apparent homogeneity. FEBS Letters, 1975, 59, 291-295.	1.3	124
24	Functional heterogeneity of UDP-glucuronyltransferase in rat tissues. Biochemical Pharmacology, 1980, 29, 495-500.	2.0	122
25	Gene toxicity studies on titanium dioxide and zinc oxide nanomaterials used for UV-protection in cosmetic formulations. Nanotoxicology, 2010, 4, 364-381.	1.6	118
26	Studies on the Biosynthesis of Microsomal Membrane Proteins. Site of Synthesis and Mode of Insertion of Cytochrome b5, Cytochrome b5 Reductase, Cytochrome P-450 Reductase and Epoxide Hydrolase. FEBS Journal, 1982, 122, 393-402.	0.2	114
27	Efficient synthesis of non-K-region trans-dihydrodiols of polycyclic aromatic hydrocarbons from o-quinones and catechols. Journal of Organic Chemistry, 1983, 48, 265-268.	1.7	109
28	Generation of human hepatocytes by stem cell technology: definition of the hepatocyte. Expert Opinion on Drug Metabolism and Toxicology, 2005, 1, 61-74.	1.5	109
29	Induction, activation and inhibition of epoxide hydrase: an anomalous prevention of chlorobenzene-induced hepatotoxicity by an inhibitor of epoxide hydrase. Chemico-Biological Interactions, 1973, 6, 189-202.	1.7	106
30	DNA repair activity of 8-oxoguanine DNA glycosylase 1 (OGG1) in human lymphocytes is not dependent on genetic polymorphism Ser326/Cys326. Mutation Research DNA Repair, 2001, 486, 207-216.	3.8	106
31	Characterization of c-kit expression in small cell lung cancer: prognostic and therapeutic implications. Clinical Cancer Research, 2003, 9, 188-94.	3.2	105
32	Induction of the peroxisome proliferator activated receptor by fenofibrate in rat liver. FEBS Letters, 1992, 309, 37-40.	1.3	104
33	Expression of xenobiotic-metabolizing enzymes in propagatable cell cultures and induction of micronuclei by 13 compounds. Mutagenesis, 1990, 5, 241-250.	1.0	103
34	Substrate specificity of hepatic epoxide hydrase in microsomes and in a purified preparation: Evidence for homologous enzymes. Archives of Biochemistry and Biophysics, 1971, 144, 253-261.	1.4	97
35	Epoxide Hydrolases: Structure, Function, Mechanism, and Assay. Methods in Enzymology, 2005, 400, 569-588.	0.4	96
36	Dual role of epoxide hydratase in both activation and inactivation of benzo(a)pyrene. Archives of Toxicology, 1977, 39-39, 65-75.	1.9	90

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37	TCDD induces c-jun expression via a novel Ah (dioxin) receptor-mediated p38 α -MAPK-dependent pathway. <i>Oncogene</i> , 2005, 24, 4975-4983.	2.6	87
38	Chiral effects in the induction of drug-metabolizing enzymes using synthetic atropisomers of polychlorinated biphenyls (PCBs). <i>Biochemical Pharmacology</i> , 1989, 38, 1345-1352.	2.0	84
39	A Method for the Cryopreservation of Liver Parenchymal Cells for Studies of Xenobiotics. <i>Cryobiology</i> , 1993, 30, 116-127.	0.3	81
40	Inactivation of electrophilic metabolites by glutathione S-transferases and limitation of the system due to subcellular localization. <i>Archives of Toxicology</i> , 1977, 39-39, 87-96.	1.9	80
41	Synthesis and mutagenicity of the diastereomeric fjord-region 11,12-dihydrodiol 13,14-epoxides of dibenzo [a,l]pyrene. <i>Carcinogenesis</i> , 1994, 15, 2507-2516.	1.3	80
42	Metabolic pathways of 4-bromo-2,5-dimethoxyphenethylamine (2C-B): analysis of phase I metabolism with hepatocytes of six species including human. <i>Toxicology</i> , 2005, 206, 75-89.	2.0	78
43	Isolation, Biochemical Characterization, Long-Term Culture, and Phenotype Modulation of Oval Cells from Carcinogen-Fed Rats. <i>Experimental Cell Research</i> , 1993, 204, 198-209.	1.2	77
44	Effect of diabetes and starvation on the activity of rat liver epoxide hydrolases, glutathione S-transferases and peroxisomal β -oxidation. <i>Biochemical Pharmacology</i> , 1989, 38, 4291-4297.	2.0	75
45	Epoxides Derived from Various Polycyclic Hydrocarbons as Substrates of Homogeneous and Microsome-Bound Epoxide Hydratase. A General Assay and Kinetic Properties. <i>FEBS Journal</i> , 1976, 69, 97-103.	0.2	74
46	Differential Effects of Fluvoxamine and Other Antidepressants on the Biotransformation of Melatonin. <i>Journal of Clinical Psychopharmacology</i> , 2001, 21, 167-174.	0.7	74
47	Cultures with cryopreserved hepatocytes: applicability for studies of enzyme induction. <i>Chemico-Biological Interactions</i> , 2000, 125, 51-73.	1.7	73
48	Colorimetric quantitation of trace amounts of sodium lauryl sulfate in the presence of nucleic acids and proteins. <i>Analytical Biochemistry</i> , 1992, 207, 73-75.	1.1	70
49	c-erbB-2 Expression in small-cell lung cancer is associated with poor prognosis. <i>International Journal of Cancer</i> , 2001, 92, 474-479.	2.3	70
50	p38 β MAPK is required for contact inhibition. <i>Oncogene</i> , 2005, 24, 7941-7945.	2.6	68
51	Distribution and inducibility of cytosolic epoxide hydrolase in male sprague-dawley rats. <i>Biochemical Pharmacology</i> , 1986, 35, 3309-3316.	2.0	65
52	Specificity of mouse liver cytosolic epoxide hydrolase for K-region epoxides derived from polycyclic aromatic hydrocarbons. <i>Cancer Letters</i> , 1980, 9, 169-175.	3.2	63
53	The Telltale Structures of Epoxide Hydrolases. <i>Drug Metabolism Reviews</i> , 2003, 35, 365-383.	1.5	61
54	Styrene Metabolism, Genotoxicity, and Potential Carcinogenicity. <i>Drug Metabolism Reviews</i> , 2006, 38, 805-853.	1.5	61

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55	Differences in the mechanisms of growth control in contact-inhibited and serum-deprived human fibroblasts. <i>Oncogene</i> , 1997, 15, 2743-2747.	2.6	60
56	p16INK4 mediates contact-inhibition of growth. <i>Oncogene</i> , 1999, 18, 277-281.	2.6	60
57	Subcellular Localization of β -Catenin Is Regulated by Cell Density. <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 195-199.	1.0	59
58	Extrahepatic metabolism at the body's internal-external interfaces. <i>Drug Metabolism Reviews</i> , 2014, 46, 291-324.	1.5	59
59	Visualization of a Covalent Intermediate between Microsomal Epoxide Hydrolase, but not Cholesterol Epoxide Hydrolase, and their Substrates. <i>FEBS Journal</i> , 1997, 245, 490-496.	0.2	58
60	Metabolic Detoxification: Implications for Thresholds. <i>Toxicologic Pathology</i> , 2000, 28, 382-387.	0.9	58
61	Antibodies against homogeneous epoxide hydratase provide evidence for a single enzyme hydrating styrene oxide and benz(a)pyrene 4,5-oxide. <i>Nature</i> , 1976, 259, 53-55.	13.7	56
62	Identity of dihydrodiol dehydrogenase and 3β -hydroxysteroid dehydrogenase in rat but not in rabbit liver cytosol. <i>FEBS Letters</i> , 1984, 170, 263-267.	1.3	55
63	Epoxide hydrase in human liver biopsy specimens: Assay and properties. <i>Biochemical Pharmacology</i> , 1974, 23, 1307-1317.	2.0	54
64	DNA damage in nurses handling antineoplastic agents. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1995, 342, 17-23.	1.2	54
65	Genotoxicity investigations on nanomaterials. <i>Archives of Toxicology</i> , 2012, 86, 985-994.	1.9	53
66	Epoxide hydratase and benzo(A)pyrene monooxygenase activities in liver, kidney and lung after treatment of rats with epoxides of widely varying structures. <i>Biochemical Pharmacology</i> , 1978, 27, 2237-2245.	2.0	51
67	Monooxygenase, epoxide hydrolase, and glutathione-S-transferase activities in human lung. Variation between groups of bronchogenic carcinoma and non-cancer patients and interindividual differences. <i>Carcinogenesis</i> , 1980, 1, 827-835.	1.3	51
68	Glutathione, GlutathioneS-Transferase \pm and μ , and Aldehyde Dehydrogenase Content in Relationship to Drug Resistance in Ovarian Cancer. <i>Gynecologic Oncology</i> , 1997, 65, 54-62.	0.6	51
69	Enzyme histochemical and immunohistochemical characterization of oval and parenchymal cells proliferating in livers of rats fed a choline-deficient/DL-ethionine-supplemented diet. <i>Carcinogenesis</i> , 1991, 12, 225-231.	1.3	50
70	Characterization of cryopreserved rat liver parenchymal cells by metabolism of diagnostic substrates and activities of related enzymes. <i>Biochemical Pharmacology</i> , 1992, 44, 309-315.	2.0	50
71	Detection of N2,3-ethenoguanine in DNA after treatment with chloroacetaldehyde in vitro. <i>Carcinogenesis</i> , 1982, 3, 663-665.	1.3	49
72	Repurposing of plant alkaloids for cancer therapy: Pharmacology and toxicology. <i>Seminars in Cancer Biology</i> , 2021, 68, 143-163.	4.3	49

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73	Cytochrome-P450 phosphorylation as a functional switch. Archives of Biochemistry and Biophysics, 2003, 409, 228-234.	1.4	48
74	Immunohistochemically demonstrated altered expression of cytochrome P-450 molecular forms and epoxide hydrolase in N-ethyl-N-hydroxyethylnitrosamine-induced rat kidney and liver lesions. Carcinogenesis, 1987, 8, 711-717.	1.3	46
75	Mutagenicity of cysteine and penicillamine and its enantiomeric selectivity. Biochemical Pharmacology, 1985, 34, 3725-3728.	2.0	45
76	An impaired peroxisomal targeting sequence leading to an unusual bicompartamental distribution of cytosolic epoxide hydrolase. FEBS Letters, 1991, 294, 19-22.	1.3	45
77	Specificity of human, rat and mouse skin epoxide hydratase towards K-region epoxides of polycyclic hydrocarbons. Biochemical Pharmacology, 1978, 27, 17-20.	2.0	44
78	In vivo modulated N-acyl side chain of N-acetylneuraminic acid modulates the cell contact-dependent inhibition of growth. FEBS Letters, 1996, 395, 170-173.	1.3	44
79	Prognostic Significance of c-erbB-2 mRNA in Ovarian Carcinoma. Gynecologic Oncology, 1996, 62, 268-277.	0.6	44
80	No influence of magnetic fields on cell cycle progression using conditions relevant for patients during MRI. Bioelectromagnetics, 2003, 24, 241-250.	0.9	44
81	Properties and amino acid composition of pure epoxide hydratase. FEBS Letters, 1975, 59, 296-299.	1.3	42
82	Concomitant induction of cytosolic but not microsomal epoxide hydrolase with peroxisomal β -oxidation by various hypolipidemic compounds. Biochemical Pharmacology, 1987, 36, 345-351.	2.0	42
83	Spectrum of styrene-induced DNA adducts: the relationship to other biomarkers and prospects in human biomonitoring. Mutation Research - Reviews in Mutation Research, 2002, 511, 239-254.	2.4	42
84	Differential Modulation of CYP2E1 Activity by cAMP-Dependent Protein Kinase upon Ser129 Replacement. Experimental Cell Research, 1998, 242, 294-302.	1.2	41
85	Species and organ specificity of the trans-stilbene oxide induced effects on epoxide hydratase and benzo(a)pyrene monooxygenase activity in rodents. Biochemical Pharmacology, 1979, 28, 171-176.	2.0	40
86	Substance-dependent sex differences in the activation of benzylic alcohols to mutagens by hepatic sulfotransferases of the rat. Carcinogenesis, 1994, 15, 2605-2611.	1.3	40
87	Recombinant expression of human microsomal epoxide hydrolase protects V79 Chinese hamster cells from styrene oxide- but not from ethylene oxide-induced DNA strand breaks. , 1997, 30, 429-439.		40
88	Comparative metabolism of the designer drug 4-methylthioamphetamine by hepatocytes from man, monkey, dog, rabbit, rat and mouse. Naunyn-Schmiedeberg's Archives of Pharmacology, 2004, 369, 198-205.	1.4	40
89	Role of cAMP in mediating AHR signaling. Biochemical Pharmacology, 2009, 77, 627-641.	2.0	40
90	Genotoxic risk for humans due to work place exposure to ethylene oxide: remarkable individual differences in susceptibility. Archives of Toxicology, 1994, 68, 343-348.	1.9	39

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91	Cigarette smoking protects mononuclear blood cells of carcinogen exposed workers from additional work exposure-induced DNA single strand breaks. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1994, 321, 175-185.	1.2	39
92	A time-course investigation of vitamin A levels and drug metabolizing enzyme activities in rats following a single treatment with prototypic polychlorinated biphenyls and DDT. <i>Toxicology</i> , 1987, 44, 341-354.	2.0	38
93	Effect of modifying agents on the phenotypic expression of cytochrome P-450, glutathione S-transferase molecular forms, microsomal epoxide hydrolase, glucose-6-phosphate dehydrogenase and \hat{I}^3 -glutamyltranspeptidase in rat liver preneoplastic lesions. <i>Carcinogenesis</i> , 1988, 9, 547-554.	1.3	38
94	Glutathione S-transferase T1 and M1 gene defects in ovarian carcinoma. <i>Cancer Letters</i> , 1998, 130, 43-48.	3.2	36
95	Nuclear expression of apurinic/apyrimidinic endonuclease increases with progression of ovarian carcinomas. <i>Gynecologic Oncology</i> , 2004, 92, 568-577.	0.6	36
96	Reductive cyclization of keto acids to polycyclic aromatic hydrocarbons by hydroiodic acid-red phosphorus. <i>Journal of Organic Chemistry</i> , 1981, 46, 2601-2603.	1.7	35
97	Relationship between mutagenicity and DNA adduct formation in mammalian cells for fjord- and bay-region diol-epoxides of polycyclic aromatic hydrocarbons. <i>Chemico-Biological Interactions</i> , 1991, 80, 177-186.	1.7	35
98	Structure, Conformations, and Repair of DNA Adducts from Dibenzo[a,l]pyrene: $\hat{a}^{\%}$ 32P-Postlabeling and Fluorescence Studies. <i>Chemical Research in Toxicology</i> , 1998, 11, 674-685.	1.7	35
99	Phosphorylation of carcinogen metabolizing enzymes: regulation of the phosphorylation status of the major phenobarbital inducible cytochromes P-450 in hepatocytes. <i>Carcinogenesis</i> , 1989, 10, 225-228.	1.3	34
100	Switching off HER-2/neu in a tetracycline-controlled mouse tumor model leads to apoptosis and tumor-size-dependent remission. <i>Cancer Research</i> , 2003, 63, 7221-31.	0.4	34
101	Long-time expression of DNA repair enzymes MGMT and APE in human peripheral blood mononuclear cells. <i>Archives of Toxicology</i> , 2001, 75, 306-312.	1.9	33
102	First evidence of cytochrome P-450 induction in the mouse brain by phenytoin. <i>Neuroscience Letters</i> , 1988, 84, 219-224.	1.0	32
103	Involvement of protein kinase C \hat{I} in contact-dependent inhibition of growth in human and murine fibroblasts. <i>Oncogene</i> , 2001, 20, 5143-5154.	2.6	32
104	A fluorometric assay for quantitating phenol sulfotransferase activities in homogenates of cells and tissues. <i>Analytical Biochemistry</i> , 1987, 163, 546-551.	1.1	31
105	Synthesis of oligodeoxynucleotides containing diastereomeric dihydrodiol epoxide-N6-deoxyadenosine adducts of polycyclic aromatic hydrocarbons. <i>Tetrahedron Letters</i> , 1993, 34, 1773-1774.	0.7	31
106	Genotoxicity characteristics of reverse diol-epoxides of chrysene. <i>Carcinogenesis</i> , 1993, 14, 11-19.	1.3	31
107	cAMP-dependent phosphorylation of CYP2B1 as a functional switch for cyclophosphamide activation and its hormonal control in vitro and in vivo. <i>International Journal of Cancer</i> , 2001, 94, 733-742.	2.3	31
108	Phosphorylation of cytochrome P450 isoenzymes in intact hepatocytes and its importance for their function in metabolic processes. <i>Archives of Toxicology</i> , 1990, 64, 257-261.	1.9	30

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109	Persistence of the cholangiocellular and hepatocellular lesions observed in rats fed a choline-deficient/DL-ethionine-supplemented diet. <i>Carcinogenesis</i> , 1992, 13, 271-276.	1.3	30
110	[46] Microsomal epoxide hydrolase. <i>Methods in Enzymology</i> , 1981, 77, 344-349.	0.4	29
111	Synthesis of non-k-region -quinones of polycyclic aromatic hydrocarbons from cyclic ketones. <i>Tetrahedron Letters</i> , 1982, 23, 163-166.	0.7	29
112	Xenobiotic metabolizing enzymes of rat liver nonparenchymal cells. <i>Toxicology and Applied Pharmacology</i> , 1986, 84, 500-511.	1.3	29
113	Glutathione conjugation of trans-3,4-dihydroxy 1,2-epoxy 1,2,3,4-tetrahydrobenzo[c]phenanthrene isomers by human glutathione transferases. <i>Carcinogenesis</i> , 1992, 13, 1549-1555.	1.3	29
114	Resistance factors in colon cancer tissue and the adjacent normal colon tissue: glutathione S-transferases $\text{I}\alpha$ and $\text{I}\beta$, glutathione and aldehyde dehydrogenase. <i>Cancer Letters</i> , 1998, 128, 105-112.	3.2	29
115	Endogenous Role of Epoxide Hydratase. Development of a Steroid Epoxide-Hydratase Assay and Properties of the Enzyme. <i>FEBS Journal</i> , 1979, 97, 275-281.	0.2	28
116	Large differences in metabolic activation and inactivation of chemically closely related compounds: effects of pure enzymes and enzyme induction on the mutagenicity of the twelve monomethylated benz[a]anthracenes, 7,12-dimethylbenz[a]anthracene and benz[a]anthracenes in the Ames test. <i>Carcinogenesis</i> , 1981, 2, 813-821.	1.3	28
117	Metabolic activation to a mutagen of 3-hydroxy-trans-7,8-dihydroxy-7,8-dihydrobenzo[a]pyrene, a secondary metabolite of benzo[a]pyrene. <i>Carcinogenesis</i> , 1987, 8, 1621-1627.	1.3	28
118	mdm2 mRNA expression is associated with survival in ovarian cancer. , 1997, 74, 438-442.		28
119	Radioactively labelled epoxides part II. (1) tritium labelled cyclohexene oxide, transstilbene oxide and phenanthrene 9,10-oxide. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1980, 17, 93-102.	0.5	27
120	CYP2D6 increases toxicity of the designer drug 4-methylthioamphetamine (4-MTA). <i>Toxicology</i> , 2007, 229, 236-244.	2.0	27
121	Effects of the modulation of epoxide hydrolase activity on the binding of benzo[a]pyrene metabolites to DNA in the intact nuclei. <i>Carcinogenesis</i> , 1983, 4, 57-65.	1.3	26
122	Properties of the microsomal and cytosolic glutathione transferases involved in hexachloro-1:3-butadiene conjugation. <i>Biochemical Pharmacology</i> , 1989, 38, 353-359.	2.0	25
123	Ethanol- or acetone-pretreatment of mice strongly enhances the bacterial mutagenicity of dimethylnitrosamine in assays mediated by liver subcellular fraction, but not in host-mediated assays. <i>Carcinogenesis</i> , 1981, 2, 1057-1061.	1.3	24
124	Effect of 1-benzylimidazole on cytochromes P-450 induction and on the activities of epoxide hydrolases and UDP-glucuronosyltransferases in rat liver. <i>Biochemical Pharmacology</i> , 1988, 37, 3297-3304.	2.0	24
125	I^1 -Tetrahydrocannabinol and $\text{I}^1,2$ -epoxyhexahydrocannabinol: Mutagenicity investigation in the ames test. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1979, 66, 329-335.	1.2	23
126	Influence of aryl hydrocarbon- (Ah) receptor and genotoxins on DNA repair gene expression and cell survival of mouse hepatoma cells. <i>Toxicology</i> , 2009, 259, 91-96.	2.0	23

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127	K-Regiontrans-Dihydrodiols of Polycyclic Arenes; An Efficient and Convenient Preparation from Quinones or Diphenols by Reduction with Sodium Borohydride in the Presence of Oxygen. <i>Synthesis</i> , 1982, 1982, 459-461.	1.2	22
128	Activation of the C2 Position of Purine by the Trifluoromethanesulfonate Group: Synthesis of N2-Alkylated Deoxyguanosines. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 404-406.	4.4	22
129	Studies on the importance of microsomal epoxide hydrolase in the detoxification of arene oxides using the heterologous expression of the enzyme in mammalian cells. <i>Carcinogenesis</i> , 1994, 15, 171-175.	1.3	22
130	DNA single strand break analysis in mononuclear blood cells of petrol pump attendants. <i>International Archives of Occupational and Environmental Health</i> , 1995, 67, 35-39.	1.1	22
131	DNA damage in mononuclear blood cells of metal workers exposed to N-nitrosodiethanolamine in synthetic cutting fluids. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1995, 342, 95-102.	1.2	22
132	Unique behaviour of benzene mono-oxygenase: Activation by detergent and different properties of benzene- and phenobarbital-induced mono-oxygenase activities. <i>Biochemical Pharmacology</i> , 1979, 28, 3425-3429.	2.0	21
133	Enantiomers of Polychlorinated Biphenyls Semipreparative Enrichment by Liquid Chromatography. <i>Liebigs Annalen Der Chemie</i> , 1985, 1985, 2101-2103.	0.8	21
134	TCDD-dependent downregulation of β -catenin in rat liver epithelial cells (WB-F344). <i>International Journal of Cancer</i> , 2003, 103, 435-439.	2.3	21
135	Metabolic transformation of clinically used drugs to epoxides: New perspectives in drug-drug interactions. <i>Biochemical Pharmacology</i> , 1976, 25, 1935-1937.	2.0	20
136	Human liver cytosolic epoxide hydrolases. <i>FEBS Journal</i> , 1988, 176, 715-723.	0.2	19
137	12-O-Tetradecanoylphorbol-13-acetate releases human diploid fibroblasts from contact-dependent inhibition of growth. <i>Carcinogenesis</i> , 1988, 9, 1319-1322.	1.3	19
138	Expression of L- and M2-pyruvate kinases in proliferating oval cells and cholangiocellular lesions developing in the livers of rats fed a methyl-deficient diet. <i>Carcinogenesis</i> , 1994, 15, 125-127.	1.3	19
139	Mono- and diglucuronide formation from benzo[a]pyrene and chrysene diphenols by AHH-1 cell-expressed UDP-glucuronosyltransferase UGT1A7. <i>Biochemical Pharmacology</i> , 1999, 57, 653-656.	2.0	19
140	Transplacental control of epoxide hydratase and its relationship to the control of microsomal monooxygenase. <i>FEBS Letters</i> , 1975, 53, 205-210.	1.3	18
141	Altered drug metabolizing potential of acinar cell lesions induced in rat pancreas by hydroxyaminoquinoline 1-oxide. <i>Carcinogenesis</i> , 1987, 8, 1089-1094.	1.3	18
142	Selective detection of mRNA forms encoding the major phenobarbital inducible cytochromes P450 and other members of the P450IIB family by the RNase A protection assay. <i>Archives of Biochemistry and Biophysics</i> , 1990, 279, 167-173.	1.4	18
143	The effects of modulation of microsomal epoxide hydrolase activity on microsome-catalyzed activation of benzo[a]pyrene and its covalent binding to DNA. <i>Cancer Letters</i> , 1981, 11, 175-183.	3.2	17
144	Antibodies targeted against hypervariable and constant regions of cytochromes P450IIB1 and P450IIB2. <i>Archives of Biochemistry and Biophysics</i> , 1989, 270, 23-32.	1.4	17

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145	[12] V79 Chinese hamster cells genetically engineered for stable expression of cytochromes P450. <i>Methods in Enzymology</i> , 1991, 206, 117-123.	0.4	17
146	Dihydrodiol dehydrogenase activities of rabbit liver are associated with hydroxysteroid dehydrogenases and aldo-keto reductases. <i>FEBS Journal</i> , 1992, 205, 1155-1162.	0.2	17
147	Xenobiotic Metabolism. , 1999, , 83-109.		17
148	Rapid and sensitive enzyme-linked immunosorbent assay for the microsomal epoxide hydrolase. <i>Carcinogenesis</i> , 1982, 3, 1307-1310.	1.3	16
149	Interaction of tetrachlorobiphenyls with isolated rat liver mitochondria.. <i>Journal of Pharmacobio-dynamics</i> , 1985, 8, 726-732.	0.5	16
150	Assignment of absolute configuration to metabolically formed trans-dihydrodiols of dibenz[a,h]anthracene by two distinct spectroscopic methods. <i>Journal of Organic Chemistry</i> , 1986, 51, 5368-5372.	1.7	16
151	A unique approach to the synthesis of 2,3,4,5-substituted polybrominated biphenyls: quantitation in FireMaster FF-1 and FireMaster BP-6. <i>Journal of Agricultural and Food Chemistry</i> , 1989, 37, 1160-1164.	2.4	16
152	Tissue-specific expression and differential inducibility of several microsomal epoxide hydrolase mRNAs which are formed by alternative splicing. <i>Archives of Biochemistry and Biophysics</i> , 1991, 287, 380-385.	1.4	16
153	The metabolic activation of dibenz[a,h]anthracene in mouse skin examined by ³² P-postlabelling: minor contribution of the 3,4-diol 1,2-oxides to DNA binding. <i>Carcinogenesis</i> , 1991, 12, 1079-1083.	1.3	16
154	Translocation of cdk2 to the Nucleus during G1-Phase in PDGF-Stimulated Human Fibroblasts. <i>Experimental Cell Research</i> , 1997, 232, 72-78.	1.2	16
155	Differential subcellular localization of endogenous and transfected soluble epoxide hydrolase in mammalian cells: evidence for isozyme variants. <i>FEBS Letters</i> , 1999, 445, 301-305.	1.3	16
156	A protocol to determine dermal absorption of xenobiotica through human skin in vitro. <i>Archives of Toxicology</i> , 2017, 91, 1497-1511.	1.9	16
157	Synthesis and properties of the seven isomeric phenols of dibenz[a,h]anthracene. <i>Journal of Organic Chemistry</i> , 1982, 47, 5321-5326.	1.7	15
158	Purification and characterization of rat-liver cytosolic epoxide hydrolase. <i>FEBS Journal</i> , 1988, 176, 31-37.	0.2	15
159	Perfluorodecanoic acid decreases the enzyme activity and the amount of glutathione S-transferases proteins and mRNAs in vivo. <i>Chemico-Biological Interactions</i> , 1989, 70, 127-143.	1.7	15
160	Cigarette Smoke Inhibits Cytosolic but not Microsomal Epoxide Hydrolase of Human Lung. <i>Human and Experimental Toxicology</i> , 1992, 11, 99-103.	1.1	15
161	Quinone reduction and redox cycling catalysed by purified rat liver dihydrodiol/ 3 β -hydroxysteroid dehydrogenase. <i>Biochemical Pharmacology</i> , 1992, 44, 341-349.	2.0	15
162	The major isozyme of rat cardiac glutathione transferases. Its correspondence to hepatic transferase X. <i>FEBS Journal</i> , 1986, 154, 299-305.	0.2	14

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163	In vivo formation of aflatoxin B1-DNA adducts in parenchymal and non-parenchymal cells of rat liver. <i>Carcinogenesis</i> , 1992, 13, 831-835.	1.3	14
164	Assay for O6-alkylguanine-DNA-alkyltransferase using oligonucleotides containing O6-methylguanine in a BamHI recognition site as substrate. <i>Analytical Biochemistry</i> , 1992, 205, 294-299.	1.1	14
165	Metabolic activation of aflatoxin B1 to aflatoxin B1-8,9-epoxide in woodchucks undergoing chronic active hepatitis. <i>Carcinogenesis</i> , 1997, 18, 587-591.		14
166	The effects of metyrapone, chalcone epoxide, benzil, clotrimazole and related compounds on the activity of microsomal epoxide hydrolase in situ, in purified form and in reconstituted systems towards different substrates. <i>FEBS Journal</i> , 1986, 159, 415-423.	0.2	13
167	Microsomal and cytosolic epoxide hydrolases, the peroxisomal fatty acid beta-oxidation system and catalase. Activities, distribution and induction in rat liver parenchymal and non-parenchymal cells. <i>FEBS Journal</i> , 1988, 176, 39-45.	0.2	13
168	Effect of hypolipidemic compounds on lauric acid hydroxylation and phase II enzymes. <i>Biochemical Pharmacology</i> , 1989, 38, 1963-1969.	2.0	13
169	Mutagenicity experiments on l-cysteine and d-penicillamine using V79 cells as indicators and for metabolic activation. <i>Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1990, 243, 187-193.	1.2	13
170	Modulation of the control of mutagenic metabolites derived from cyclophosphamide and ifosfamide by stimulation of protein kinase A. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1990, 232, 305-312.	0.4	13
171	The distribution of UDP-glucuronosyltransferases in rat liver parenchymal and nonparenchymal cells. <i>Biochemical Pharmacology</i> , 1992, 43, 731-737.	2.0	13
172	Characterization of DNA adducts at the bay region of dibenz[a,h]anthracene formed in vitro. <i>Carcinogenesis</i> , 1993, 14, 469-473.	1.3	13
173	The Membrane Anchor of Microsomal Epoxide Hydrolase from Human, Rat, and Rabbit Displays an Unexpected Membrane Topology. <i>Biochemical and Biophysical Research Communications</i> , 1997, 236, 754-759.	1.0	13
174	Rottlerin Induces a Transformed Phenotype in Human Keratinocytes. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 575-579.	1.0	13
175	³ H-Glutamyl transpeptidase and glutathione biosynthesis in non-tumorigenic and tumorigenic rat liver oval cell lines. <i>Carcinogenesis</i> , 2001, 22, 2009-2016.	1.3	13
176	Metabolic activation and inactivation of chemical mutagens and carcinogens. <i>Trends in Pharmacological Sciences</i> , 1981, 2, 129-132.	4.0	12
177	Rat Liver Endothelial and Kupffer Cell-Mediated Mutagenicity of Polycyclic Aromatic Hydrocarbons and Aflatoxin B 1. <i>Environmental Health Perspectives</i> , 1990, 88, 71.	2.8	12
178	Influence of the level of cytosolic epoxide hydrolase on the induction of sister chromatid exchanges by trans- β -ethylstyrene 7,8-oxide in human lymphocytes. <i>Biochemical Pharmacology</i> , 1991, 42, 2147-2152.	2.0	12
179	DNA binding, adduct characterisation and metabolic activation of aflatoxin B1 catalysed by isolated rat liver parenchymal, Kupffer and endothelial cells. <i>Archives of Toxicology</i> , 1991, 65, 633-639.	1.9	12
180	Characterization of highly polar bis-dihydrodiol epoxide-DNA adducts formed after metabolic activation of dibenz[a,h]anthracene. <i>Carcinogenesis</i> , 1993, 14, 863-867.	1.3	12

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181	Establishment and Characterization of a Nontumorigenic Cell Line Derived from a Human Hepatocellular Adenoma Expressing Hepatocyte-Specific Markers. <i>Experimental Cell Research</i> , 1997, 236, 418-426.	1.2	12
182	Evaluation of the role of c-Src and ERK in TCDD-dependent release from contact-inhibition in WB-F344 cells. <i>Archives of Toxicology</i> , 2005, 79, 201-207.	1.9	12
183	Relationship between the target antigen of liver-kidney microsomal (LKM) autoantibodies and rat isoenzymes of cytochrome P-450. <i>Journal of Clinical Laboratory Analysis</i> , 1988, 2, 245-248.	0.9	11
184	A time course investigation of vitamin A level and lipid composition of the liver endoplasmic reticulum in rats following treatment with congeneric polychlorobiphenyls. <i>Toxicology</i> , 1990, 60, 253-261.	2.0	11
185	Modulation of Selenium-Dependent Glutathione Peroxidase by Perfluorodecanoic Acid in Rats: Effect of Dietary Selenium. <i>Journal of Nutrition</i> , 1990, 120, 298-304.	1.3	11
186	Selective induction of bilirubin UDP-glucuronosyl-transferase by perfluorodecanoic acid. <i>Chemico-Biological Interactions</i> , 1991, 77, 97-105.	1.7	11
187	C-erbB-2-oncogene expression in breast carcinoma: Analysis by S1 nuclease protection assay and immunohistochemistry in relation to clinical parameters. <i>Gynecologic Oncology</i> , 1992, 47, 228-233.	0.6	11
188	Interaction of valproic acid and some analogues with microsomal epoxide hydrolase. <i>Biochemical Pharmacology</i> , 1992, 43, 775-783.	2.0	11
189	Cell Systems for Use in Studies on the Relationship Between Foreign Compound Metabolism and Toxicity. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1995, 76, 325-327.	0.0	11
190	Assignment of Absolute Configuration to Metabolically Formed <i>trans</i> -Dihydrodiols of Dibenz[<i>a,h</i>]pyrene by the Exciton Chirality Method Using a New Red-Shifted Chromophore. <i>Polycyclic Aromatic Compounds</i> , 1996, 10, 109-116.	1.4	11
191	Regiospecific oxidation of polycyclic aromatic dihydrodiols by rat liver dihydrodiol dehydrogenase. <i>Chemico-Biological Interactions</i> , 1991, 79, 287-303.	1.7	10
192	Effects of sodium butyrate on DNA content, glutathione S-transferase activities, cell morphology and growth characteristics of rat liver nonparenchymal epithelial cells in vitro. <i>Carcinogenesis</i> , 1993, 14, 457-462.	1.3	10
193	Formation of N-methylnicotinamide in the brain from a dihydropyridine-type prodrug. <i>Biochemical Pharmacology</i> , 1999, 57, 681-684.	2.0	10
194	Propylidazine is mutagenic in <i>Salmonella typhimurium</i> and <i>Escherichia coli</i> : Distinct specificity for strains TA1537 AND TA97. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 1985, 5, 339-345.	0.8	9
195	Host-mediated mutagenicity experiments with benzo[<i>a</i>]pyrene and two of its metabolites. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1985, 156, 163-169.	1.2	9
196	Differential induction of cytochrome P-450 by the enantiomers of <i>trans</i> -stilbene oxide. <i>Biochemical Pharmacology</i> , 1987, 36, 4355-4359.	2.0	9
197	Radioactively labelled epoxides. Part III. Tritium labelled steroid 16 β , 17 β -epoxides. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1980, 17, 649-656.	0.5	8
198	Modulation of the covalent binding of aryl hydrocarbon metabolites to DNA in vitro after treatment of rats and mice with <i>trans</i> -stilbene oxide. <i>Carcinogenesis</i> , 1981, 2, 1049-1056.	1.3	8

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199	Mutagenicity of N-substituted phenanthrene 9,10-imines in <i>Salmonella typhimurium</i> and Chinese hamster V79 cells. <i>Environmental Mutagenesis</i> , 1986, 8, 829-837.	1.4	8
200	A comparative study of drug-metabolizing enzymes present in isolated rat liver parenchymal, Kupffer and endothelial cells. <i>Biochemical Society Transactions</i> , 1987, 15, 372-373.	1.6	8
201	The oxidation of the highly tumorigenic benz[a]anthracene 3,4-dihydrodiol by rat liver dihydrodiol dehydrogenase. <i>Chemico-Biological Interactions</i> , 1990, 76, 211-226.	1.7	8
202	Rat and Human Liver Cytosolic Epoxide Hydrolases: Evidence for Multiple Forms at the Level of Protein and mRNA. <i>Environmental Health Perspectives</i> , 1990, 88, 49.	2.8	8
203	Analytical technique for studying the structure of glycoprotein N-glycans. <i>Journal of Chromatography A</i> , 1993, 646, 227-234.	1.8	8
204	O6-Alkylguanine DNA alkyltransferase activity in student embalmers. , 1997, 31, 361-365.		8
205	The human p53 gene mutated at position 249 per se is not sufficient to immortalize human liver cells. <i>Hepatology</i> , 1999, 29, 834-838.	3.6	8
206	Importance of knowledge on drug metabolism for the safe use of drugs in humans. <i>Drug Metabolism Reviews</i> , 2009, 41, 298-300.	1.5	8
207	Toxicity as prime selection criterion among SARS-active herbal medications. <i>Phytomedicine</i> , 2021, 85, 153476.	2.3	8
208	Use of monoclonal and polyclonal antibodies as structural and topographical probes for hepatic epoxide hydrolase. <i>FEBS Letters</i> , 1983, 157, 271-276.	1.3	7
209	Contact-dependent inhibition of growth of normal diploid human fibroblasts by plasma membrane glycoproteins. <i>Biochimie</i> , 1988, 70, 1661-1671.	1.3	7
210	Identification of plasma membrane glycoproteins involved in the contact-dependent inhibition of growth of diploid human fibroblasts. <i>Experimental Cell Research</i> , 1989, 180, 504-514.	1.2	7
211	Ha-rasVal12 but not p53Ser247 leads to a significant neoplastic transformation rate of the putative rat liver stem cells (oval cell). <i>Carcinogenesis</i> , 1996, 17, 2635-2640.	1.3	7
212	Differential Enantioselectivity of Murine Glutathione S-Transferase Isoenzymes in the Glutathione Conjugation of Trans-3,4-dihydroxy-1,2-oxy-1,2,3,4-tetrahydrobenzo[c]phenanthrene Stereoisomers. <i>Archives of Biochemistry and Biophysics</i> , 1998, 358, 40-48.	1.4	7
213	Modulation of mutagenicity by phosphorylation of mutagen-metabolizing enzymes. <i>Archives of Biochemistry and Biophysics</i> , 2004, 423, 31-36.	1.4	7
214	Improved syntheses of (+,-)-trans-9,10-dihydroxy-9,10-dihydrobenzo[a]pyrene and of (+,-)-trans-1,2-dihydroxy-1,2-dihydrodibenz[a,h]anthracene. <i>Journal of Organic Chemistry</i> , 1982, 47, 568-571.	1.7	6
215	Distribution and induction of cytochrome P-450 and two cytochrome P-450-dependent monooxygenase activities in rat liver parenchymal cell subpopulations separated by centrifugal elutriation. <i>Archives of Toxicology</i> , 1989, 63, 18-22.	1.9	6
216	[19] Production of site-specific P450 antibodies using recombinant fusion proteins as antigens. <i>Methods in Enzymology</i> , 1991, 206, 193-201.	0.4	6

#	ARTICLE	IF	CITATIONS
217	Deficiency of bile acid transport and synthesis in oval cells from carcinogen-fed rats. <i>Hepatology</i> , 1994, 19, 722-727.	3.6	6
218	Activated Fjord-Region Metabolites of Dibenzo[a,l]pyrene: Synthesis and Mutagenic Activities of the Diastereomeric syn ^{11,12} and anti ^{13,14} -Dihydrodiol 13,14-Epoxides. <i>Polycyclic Aromatic Compounds</i> , 1994, 6, 191-198.	1.4	6
219	Malignant transformation of the liver tumour precursor cell line OC/CDE 22 by the four stereoisomeric fjord region 3,4-dihydrodiol 1,2-epoxides of benzo[c]phenanthrene. <i>Carcinogenesis</i> , 1995, 16, 2111-2115.	1.3	6
220	The preparation of (14C) and [3H] labelled benzene oxide. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1977, 13, 471-479.	0.5	5
221	Structures and Mutagenic Properties of Products Obtained by C-Nitrosation of Opipramol. <i>Helvetica Chimica Acta</i> , 1987, 70, 1296-1301.	1.0	5
222	Different enzyme kinetics during the glutathione conjugation of the four stereoisomers of the fjord-region diolepoxides of benzo[c]phenanthrene by the I ¹⁴ -class rat liver glutathione S-transferase HTP II. <i>Biochemical Pharmacology</i> , 1994, 47, 505-514.	2.0	5
223	Control of the mutagenicity of arylamines by protein kinases and phosphatases. <i>Archives of Toxicology</i> , 1997, 71, 655-659.	1.9	5
224	Acute exposure to 50ppm toluene does not increase sleepiness. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 665-669.	2.0	5
225	Contact-Inhibition of Growth by Complex Carbohydrates. <i>Trends in Glycoscience and Glycotechnology</i> , 1992, 4, 160-167.	0.0	5
226	Significance of Various Enzymes in the Control of Mutagenic and Carcinogenic Metabolites Derived from Aromatic Structures. <i>Toxicologic Pathology</i> , 1984, 12, 391-396.	0.9	4
227	Characterization of Highly Polar Dna Adducts Derived from Dibenz[A,H]Anthracene (DBA), 3,4-Dihydroxy-3,4-Dihydro-DBA, and 3,4,10,11-Tetrahydroxy-3,4,10,11-Tetrahydro-DBA. <i>Toxicology and Industrial Health</i> , 1993, 9, 503-509.	0.6	4
228	Analysis of DNA single-strand breaks in human venous blood: A technique which does not require isolation of white blood cells. <i>Toxicology</i> , 1997, 29, 58-62.		4
229	Transforming growth factor- β 1 is not involved in TCDD-dependent release from contact inhibition in WB-F344 cells. <i>Archives of Toxicology</i> , 2005, 79, 31-36.	1.9	4
230	Fluorescent derivatives of strophanthidin. Interaction with sodium- and potassium-activated adenosine triphosphatase. <i>Journal of Medicinal Chemistry</i> , 1972, 15, 757-759.	2.9	3
231	Purity of triated polycyclic aromatic hydrocarbons: Identification of [G-3H]-5,6-dihydrodibenz[a, h]anthracene as the major radioactive component in commercial [G-3H]dibenz[a, h]anthracene. <i>Analytical Biochemistry</i> , 1981, 117, 208-212.	1.1	3
232	V79 Chinese hamster cells deacetylate Trans-N-acetoxy-4-acetylaminostilbene and Trans-N-hydroxy-4-acetylaminostilbene to mutagenic and cytotoxic metabolites. <i>Cell Biology and Toxicology</i> , 1986, 2, 213-221.	2.4	3
233	Radioactively labelled epoxides. part V. Tritium labelled K-region oxides and trans-dihydrodiols of pyrene, benzo[a]pyrene and dibenz[a, h]anthracene. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1987, 24, 979-986.	0.5	3
234	Malignantly transformed non-parenchymal liver epithelial cells and transformed oval cells suppress the homotypical gap junctional intercellular communication of co-cultured rat liver parenchymal cells. <i>Carcinogenesis</i> , 1995, 16, 633-636.	1.3	3

#	ARTICLE	IF	CITATIONS
235	In vitromammalian metabolism of the mitosis inhibitor zoxamide and the relationship to its in vitro toxicity. <i>Xenobiotica</i> , 2010, 40, 72-82.	0.5	3
236	Synthesis, Absolute Configuration, and Bacterial Mutagenicity of the 8 Stereoisomeric Vicinal Diol Epoxides at the Terminal Benzo Ring of Carcinogenic Dibenz[<i>a,h</i>]anthracene. <i>Chemical Research in Toxicology</i> , 2011, 24, 2258-2268.	1.7	3
237	On the potential carcinogenic and mutagenic character of benzobiphenylenes. <i>Tetrahedron Letters</i> , 1979, 20, 3691-3694.	0.7	2
238	A facile microsynthesis of ¹⁴ C-labelled picene. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1984, 21, 781-787.	0.5	2
239	Reactive Metabolites of Carcinogenic Polycyclic Hydrocarbons: Synthesis and Trapping Reaction of 9-Hydroxybenzo[<i>a</i>]pyrene 4,5-Oxide. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 699-700.	4.4	2
240	Regiospecific reduction of polycyclic aromatic quinones by rabbit liver dihydrodiol dehydrogenases. <i>Chemico-Biological Interactions</i> , 1994, 90, 157-168.	1.7	2
241	DNA Polymerase Action on Oligonucleotide Templates from Human Ha-ras Protooncogene Containing N6-Deoxyadenosine Adducts Derived from Trans Addition of (+)- and (-)-anti-Benzo[<i>c</i>]phenanthrene-3,4-dihydrodiol 1,2-epoxides at Codon 61. <i>Polycyclic Aromatic Compounds</i> , 1996, 10, 161-170.	1.4	2
242	Specificity of murine glutathione S-transferase isozymes in the glutathione conjugation of (±)-anti- and (+)-syn-stereoisomers of benzo[<i>g</i>]chrysene 11,12-diol 13,14-epoxide. <i>Carcinogenesis</i> , 1999, 20, 1997-2001.	1.3	2
243	Transforming growth factor β 1 is not involved in 2,3,7,8-tetrachlorodibenzo-p-dioxin-dependent release from contact-inhibition in WB-F344 cells. <i>Archives of Toxicology</i> , 2004, 78, 643-648.	1.9	2
244	Oxidative stress response of tumor cells: microarray-based comparison between artemisinins and anthracyclines. <i>Biochemical Pharmacology</i> , 2004, 68, 3-3.	2.0	2
245	Radioactively labelled epoxides. Part IV. Tritium labelled $\hat{1}$ - and $\hat{2}$ -methyl styrene oxides. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1983, 20, 1297-1303.	0.5	1
246	Radioactively labelled epoxides. Part VI. tritium-labelled mono- and dimethyl substituted phenyl oxiranes (styrene oxides). <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1988, 25, 1209-1217.	0.5	1
247	Guanine 6-O-Methylation Pattern within the Dioxin Responsive Element of the CYP1A1 Enhancer Shows Two Critical Guanines for AhR/ARNT Binding. <i>Chemistry and Biodiversity</i> , 2004, 1, 473-480.	1.0	1
248	Open letter to the German Research Foundation (DFG, Deutsche Forschungsgemeinschaft). Some comments on the recent exclusion of a renowned scientist from a toxicological commission. <i>Toxicology Letters</i> , 2019, 306, 11-12.	0.4	1
249	Xenobiotica-metabolizing enzyme induction potential of chemicals in animal studies: NanoString nCounter gene expression and peptide group-specific immunoaffinity as accelerated and economical substitutions for enzyme activity determinations?. <i>Archives of Toxicology</i> , 2020, 94, 2663-2682.	1.9	1
250	Enigmatic mechanism of the N-vinylpyrrolidone hepatocarcinogenicity in the rat. <i>Archives of Toxicology</i> , 2021, 95, 3717-3744.	1.9	1
251	Genotoxicity of methyl acrylate and ethyl acrylate and its relationship with glutathione. <i>Archives of Toxicology</i> , 2022, 96, 2573-2587.	1.9	1
252	Subcellular Distribution of frasin Human and Murine Fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 172-175.	1.0	0

#	ARTICLE	IF	CITATIONS
253	Correlation of the Extent of Fjord-Region Oxidation with DNA Binding and Mutagenicity of the Enantiomeric 11,12-Dihydrodiols of Dibenzo[a,l]pyrene. Polycyclic Aromatic Compounds, 1996, 10, 101-108.	1.4	0
254	The Stereoisomeric Fjord-Region Benzo[<i>c</i>]phenanthrene-3,4-Dihydrodiol 1,2-Oxides Malignantly Transform Rat Liver Epithelial Cells. Polycyclic Aromatic Compounds, 1996, 10, 275-282.	1.4	0
255	Editorial. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 680, 82.	0.9	0