

# Franz Oesch

## List of Publications by Year in descending order

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255  
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37204

96  
g-index

260  
all docs

260  
docs citations

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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.	1.1	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.	5.5	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.	2.4	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.	5.1	287
5	Adverse outcome pathways: opportunities, limitations and open questions. <i>Archives of Toxicology</i> , 2017, 91, 3477-3505.	4.2	282
6	Granulocyte-macrophage-colony-stimulating factor enhances immune responses to melanoma-associated peptides in 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.	3.6	248
8	Inverse relationship of melanocyte differentiation antigen expression in melanoma tissues and CD8+ cytotoxic-T-cell responses: Evidence for immunoselection of antigen-loss variants in 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.	2.9	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.	2.8	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.	3.3	179
12	Drug-Metabolizing Enzymes in the Skin of Man, Rat, and Pig. <i>Drug Metabolism Reviews</i> , 2007, 39, 659-698.	3.6	160
13	Toxico-/biokinetics of nanomaterials. <i>Archives of Toxicology</i> , 2012, 86, 1021-1060.	4.2	160
14	Of mice and models: improved animal models for biomedical research. <i>Physiological Genomics</i> , 2002, 11, 115-132.	2.3	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.	7.1	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.	2.8	144
17	The apparent ubiquity of epoxide hydratase in rat organs. <i>Biochemical Pharmacology</i> , 1977, 26, 603-607.	4.4	141
18	INTERSPECIES DIFFERENCES IN CANCER SUSCEPTIBILITY AND TOXICITY*. <i>Drug Metabolism Reviews</i> , 1999, 31, 917-970.	3.6	133

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19	Structure of <i>Rhodococcus erythropolis</i> limonene-1,2-epoxide hydrolase reveals a novel active site. <i>EMBO Journal</i> , 2003, 22, 2583-2592.	7.8	133
20	The N-terminal domain of mammalian soluble epoxide hydrolase is a phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 1552-1557.	7.1	131
21	Carbonyl reductase provides the enzymatic basis of quinone detoxication in man. <i>Biochemical Pharmacology</i> , 1986, 35, 1277-1282.	4.4	127
22	Asp333, Asp495, and His52.3 Form the Catalytic Triad of Rat Soluble Epoxide Hydrolase. <i>Journal of Biological Chemistry</i> , 1996, 271, 4223-4229.	3.4	126
23	Purification of rat liver epoxide hydratase to apparent homogeneity. <i>FEBS Letters</i> , 1975, 59, 291-295.	2.8	124
24	Functional heterogeneity of UDP-glucuronyltransferase in rat tissues. <i>Biochemical Pharmacology</i> , 1980, 29, 495-500.	4.4	122
25	Gene toxicity studies on titanium dioxide and zinc oxide nanomaterials used for UV-protection in cosmetic formulations. <i>Nanotoxicology</i> , 2010, 4, 364-381.	3.0	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. <i>FEBS Journal</i> , 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. <i>Journal of Organic Chemistry</i> , 1983, 48, 265-268.	3.2	109
28	Generation of human hepatocytes by stem cell technology: definition of the hepatocyte. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2005, 1, 61-74.	3.3	109
29	Induction, activation and inhibition of epoxide hydrase: an anomalous prevention of chlorobenzene-induced hepatotoxicity by an inhibitor of epoxide hydrase. <i>Chemico-Biological Interactions</i> , 1973, 6, 189-202.	4.0	106
30	DNA repair activity of 8-oxoguanine DNA glycosylase 1 (OGG1) in human lymphocytes is not dependent on genetic polymorphism Ser326/Cys326. <i>Mutation Research DNA Repair</i> , 2001, 486, 207-216.	3.7	106
31	Characterization of c-kit expression in small cell lung cancer: prognostic and therapeutic implications. <i>Clinical Cancer Research</i> , 2003, 9, 188-94.	7.0	105
32	Induction of the peroxisome proliferator activated receptor by fenofibrate in rat liver. <i>FEBS Letters</i> , 1992, 309, 37-40.	2.8	104
33	Expression of xenobiotic-metabolizing enzymes in propagatable cell cultures and induction of micronuclei by 13 compounds. <i>Mutagenesis</i> , 1990, 5, 241-250.	2.6	103
34	Substrate specificity of hepatic epoxide hydrase in microsomes and in a purified preparation: Evidence for homologous enzymes. <i>Archives of Biochemistry and Biophysics</i> , 1971, 144, 253-261.	3.0	97
35	Epoxide Hydrolases: Structure, Function, Mechanism, and Assay. <i>Methods in Enzymology</i> , 2005, 400, 569-588.	1.0	96
36	Dual role of epoxide hydratase in both activation and inactivation of benzo(a)pyrene. <i>Archives of Toxicology</i> , 1977, 39-39, 65-75.	4.2	90

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37	TCDD induces c-jun expression via a novel Ah (dioxin) receptor-mediated p38 $\alpha$ -MAPK-dependent pathway. <i>Oncogene</i> , 2005, 24, 4975-4983.	5.9	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.	4.4	84
39	A Method for the Cryopreservation of Liver Parenchymal Cells for Studies of Xenobiotics. <i>Cryobiology</i> , 1993, 30, 116-127.	0.7	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.	4.2	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.	2.8	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.	4.2	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.	2.6	77
44	Effect of diabetes and starvation on the activity of rat liver epoxide hydrolases, glutathione S-transferases and peroxisomal $\beta$ -oxidation. <i>Biochemical Pharmacology</i> , 1989, 38, 4291-4297.	4.4	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.	1.4	74
47	Cultures with cryopreserved hepatocytes: applicability for studies of enzyme induction. <i>Chemico-Biological Interactions</i> , 2000, 125, 51-73.	4.0	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.	2.4	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.	5.1	70
50	p38 $\beta$ MAPK is required for contact inhibition. <i>Oncogene</i> , 2005, 24, 7941-7945.	5.9	68
51	Distribution and inducibility of cytosolic epoxide hydrolase in male sprague-dawley rats. <i>Biochemical Pharmacology</i> , 1986, 35, 3309-3316.	4.4	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.	7.2	63
53	The Telltale Structures of Epoxide Hydrolases. <i>Drug Metabolism Reviews</i> , 2003, 35, 365-383.	3.6	61
54	Styrene Metabolism, Genotoxicity, and Potential Carcinogenicity. <i>Drug Metabolism Reviews</i> , 2006, 38, 805-853.	3.6	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.	5.9	60
56	p16INK4 mediates contact-inhibition of growth. <i>Oncogene</i> , 1999, 18, 277-281.	5.9	60
57	Subcellular Localization of $\beta$ -Catenin Is Regulated by Cell Density. <i>Biochemical and Biophysical Research Communications</i> , 2002, 292, 195-199.	2.1	59
58	Extrahepatic metabolism at the body's internal-external interfaces. <i>Drug Metabolism Reviews</i> , 2014, 46, 291-324.	3.6	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.	1.8	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.	27.8	56
62	Identity of dihydrodiol dehydrogenase and $3\beta$ -hydroxysteroid dehydrogenase in rat but not in rabbit liver cytosol. <i>FEBS Letters</i> , 1984, 170, 263-267.	2.8	55
63	Epoxide hydrase in human liver biopsy specimens: Assay and properties. <i>Biochemical Pharmacology</i> , 1974, 23, 1307-1317.	4.4	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.	4.2	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.	4.4	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.	2.8	51
68	Glutathione, GlutathioneS-Transferase $\alpha$ and $\beta$ , and Aldehyde Dehydrogenase Content in Relationship to Drug Resistance in Ovarian Cancer. <i>Gynecologic Oncology</i> , 1997, 65, 54-62.	1.4	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.	2.8	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.	4.4	50
71	Detection of N2,3-ethenoguanine in DNA after treatment with chloroacetaldehyde in vitro. <i>Carcinogenesis</i> , 1982, 3, 663-665.	2.8	49
72	Repurposing of plant alkaloids for cancer therapy: Pharmacology and toxicology. <i>Seminars in Cancer Biology</i> , 2021, 68, 143-163.	9.6	49

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73	Cytochrome-P450 phosphorylation as a functional switch. Archives of Biochemistry and Biophysics, 2003, 409, 228-234.	3.0	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.	2.8	46
75	Mutagenicity of cysteine and penicillamine and its enantiomeric selectivity. Biochemical Pharmacology, 1985, 34, 3725-3728.	4.4	45
76	An impaired peroxisomal targeting sequence leading to an unusual bicompartamental distribution of cytosolic epoxide hydrolase. FEBS Letters, 1991, 294, 19-22.	2.8	45
77	Specificity of human, rat and mouse skin epoxide hydratase towards K-region epoxides of polycyclic hydrocarbons. Biochemical Pharmacology, 1978, 27, 17-20.	4.4	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.	2.8	44
79	Prognostic Significance of c-erbB-2 mRNA in Ovarian Carcinoma. Gynecologic Oncology, 1996, 62, 268-277.	1.4	44
80	No influence of magnetic fields on cell cycle progression using conditions relevant for patients during MRI. Bioelectromagnetics, 2003, 24, 241-250.	1.6	44
81	Properties and amino acid composition of pure epoxide hydratase. FEBS Letters, 1975, 59, 296-299.	2.8	42
82	Concomitant induction of cytosolic but not microsomal epoxide hydrolase with peroxisomal $\beta$ -oxidation by various hypolipidemic compounds. Biochemical Pharmacology, 1987, 36, 345-351.	4.4	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.	5.5	42
84	Differential Modulation of CYP2E1 Activity by cAMP-Dependent Protein Kinase upon Ser129 Replacement. Experimental Cell Research, 1998, 242, 294-302.	2.6	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.	4.4	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.	2.8	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.	3.0	40
89	Role of cAMP in mediating AHR signaling. Biochemical Pharmacology, 2009, 77, 627-641.	4.4	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.	4.2	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.	4.2	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 $\beta$ -glutamyltranspeptidase in rat liver preneoplastic lesions. <i>Carcinogenesis</i> , 1988, 9, 547-554.	2.8	38
94	Glutathione S-transferase T1 and M1 gene defects in ovarian carcinoma. <i>Cancer Letters</i> , 1998, 130, 43-48.	7.2	36
95	Nuclear expression of apurinic/apyrimidinic endonuclease increases with progression of ovarian carcinomas. <i>Gynecologic Oncology</i> , 2004, 92, 568-577.	1.4	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.	3.2	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.	4.0	35
98	Structure, Conformations, and Repair of DNA Adducts from Dibenzo[ <i>a,h</i> ]pyrene: $^{32}P$ -Postlabeling and Fluorescence Studies. <i>Chemical Research in Toxicology</i> , 1998, 11, 674-685.	3.3	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.	2.8	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.	0.9	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.	4.2	33
102	First evidence of cytochrome P-450 induction in the mouse brain by phenytoin. <i>Neuroscience Letters</i> , 1988, 84, 219-224.	2.1	32
103	Involvement of protein kinase C $\delta$ in contact-dependent inhibition of growth in human and murine fibroblasts. <i>Oncogene</i> , 2001, 20, 5143-5154.	5.9	32
104	A fluorometric assay for quantitating phenol sulfotransferase activities in homogenates of cells and tissues. <i>Analytical Biochemistry</i> , 1987, 163, 546-551.	2.4	31
105	Synthesis of oligodeoxynucleotides containing diastereomeric dihydrodiol epoxide-N6-deoxyadenosine adducts of polycyclic aromatic hydrocarbons. <i>Tetrahedron Letters</i> , 1993, 34, 1773-1774.	1.4	31
106	Genotoxicity characteristics of reverse diol-epoxides of chrysene. <i>Carcinogenesis</i> , 1993, 14, 11-19.	2.8	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.	5.1	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.	4.2	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.	2.8	30
110	[46] Microsomal epoxide hydrolase. <i>Methods in Enzymology</i> , 1981, 77, 344-349.	1.0	29
111	Synthesis of non-k-region -quinones of polycyclic aromatic hydrocarbons from cyclic ketones. <i>Tetrahedron Letters</i> , 1982, 23, 163-166.	1.4	29
112	Xenobiotic metabolizing enzymes of rat liver nonparenchymal cells. <i>Toxicology and Applied Pharmacology</i> , 1986, 84, 500-511.	2.8	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.	2.8	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.	7.2	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.	2.8	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.	2.8	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.	1.0	27
120	CYP2D6 increases toxicity of the designer drug 4-methylthioamphetamine (4-MTA). <i>Toxicology</i> , 2007, 229, 236-244.	4.2	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.	2.8	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.	4.4	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.	2.8	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.	4.4	24
125	$\text{I}^1$ -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.	4.2	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.	2.3	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.	2.8	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.	2.3	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.	4.4	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 $\beta$ -catenin in rat liver epithelial cells (WB-F344). <i>International Journal of Cancer</i> , 2003, 103, 435-439.	5.1	21
135	Metabolic transformation of clinically used drugs to epoxides: New perspectives in drug-drug interactions. <i>Biochemical Pharmacology</i> , 1976, 25, 1935-1937.	4.4	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.	2.8	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.	2.8	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.	4.4	19
140	Transplacental control of epoxide hydratase and its relationship to the control of microsomal monooxygenase. <i>FEBS Letters</i> , 1975, 53, 205-210.	2.8	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.	2.8	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.	3.0	18
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