

# Franz Oesch

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6035786/franz-oesch-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

251  
papers

10,642  
citations

54  
h-index

92  
g-index

260  
ext. papers

11,164  
ext. citations

5  
avg, IF

5.67  
L-index

#	Paper	IF	Citations
251	Mammalian epoxide hydrolases: inducible enzymes catalysing the inactivation of carcinogenic and cytotoxic metabolites derived from aromatic and olefinic compounds. <i>Xenobiotica</i> , <b>1973</b> , 3, 305-40	2	779
250	Genotoxicity investigations on nanomaterials: methods, preparation and characterization of test material, potential artifacts and limitations--many questions, some answers. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2009</b> , 681, 241-258	7	281
249	A multiplex polymerase chain reaction protocol for the simultaneous analysis of the glutathione S-transferase GSTM1 and GSTT1 polymorphisms. <i>Analytical Biochemistry</i> , <b>1996</b> , 236, 184-6	3.1	275
248	Immunoselection in vivo: independent loss of MHC class I and melanocyte differentiation antigen expression in metastatic melanoma. <i>International Journal of Cancer</i> , <b>1997</b> , 71, 142-7	7.5	266
247	Granulocyte-macrophage-colony-stimulating factor enhances immune responses to melanoma-associated peptides in vivo. <i>International Journal of Cancer</i> , <b>1996</b> , 67, 54-62	7.5	226
246	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> , <b>2003</b> , 35, 145-213	7	222
245	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. <i>International Journal of Cancer</i> , <b>1996</b> , 66, 470-6	7.5	214
244	Enhancement of cytotoxicity of artemisinins toward cancer cells by ferrous iron. <i>Free Radical Biology and Medicine</i> , <b>2004</b> , 37, 998-1009	7.8	205
243	Adverse outcome pathways: opportunities, limitations and open questions. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 3477-3505	5.8	174
242	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> , <b>2003</b> , 24, 63-73	4.6	164
241	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> , <b>2000</b> , 8, 111-22	5.2	161
240	Toxico-/biokinetics of nanomaterials. <i>Archives of Toxicology</i> , <b>2012</b> , 86, 1021-60	5.8	145
239	Drug-metabolizing enzymes in the skin of man, rat, and pig. <i>Drug Metabolism Reviews</i> , <b>2007</b> , 39, 659-98	7	144
238	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> , <b>2005</b> , 102, 9218-23	11.5	143
237	Of mice and models: improved animal models for biomedical research. <i>Physiological Genomics</i> , <b>2002</b> , 11, 115-32	3.6	138
236	The apparent ubiquity of epoxide hydratase in rat organs. <i>Biochemical Pharmacology</i> , <b>1977</b> , 26, 603-7	6	134
235	Sequence similarity of mammalian epoxide hydrolases to the bacterial haloalkane dehalogenase and other related proteins. Implication for the potential catalytic mechanism of enzymatic epoxide hydrolysis. <i>FEBS Letters</i> , <b>1994</b> , 338, 251-6	3.8	128

234	Structure of <i>Rhodococcus erythropolis</i> limonene-1,2-epoxide hydrolase reveals a novel active site. <i>EMBO Journal</i> , <b>2003</b> , 22, 2583-92	13	125
233	Carbonyl reductase provides the enzymatic basis of quinone detoxication in man. <i>Biochemical Pharmacology</i> , <b>1986</b> , 35, 1277-82	6	120
232	Functional heterogeneity of UDP-glucuronyltransferase in rat tissues. <i>Biochemical Pharmacology</i> , <b>1980</b> , 29, 495-500	6	114
231	Purification of rat liver epoxide hydratase to apparent homogeneity. <i>FEBS Letters</i> , <b>1975</b> , 59, 291-5	3.8	111
230	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> , <b>2003</b> , 100, 1552-7	11.5	109
229	Asp333, Asp495, and His523 form the catalytic triad of rat soluble epoxide hydrolase. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 4223-9	5.4	109
228	Gene toxicity studies on titanium dioxide and zinc oxide nanomaterials used for UV-protection in cosmetic formulations. <i>Nanotoxicology</i> , <b>2010</b> , 4, 364-81	5.3	106
227	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> , <b>1982</b> , 122, 393-402		106
226	Efficient synthesis of non-K-region trans-dihydrodiols of polycyclic aromatic hydrocarbons from o-quinones and catechols. <i>Journal of Organic Chemistry</i> , <b>1983</b> , 48, 265-268	4.2	104
225	Interspecies differences in cancer susceptibility and toxicity. <i>Drug Metabolism Reviews</i> , <b>1999</b> , 31, 917-70	7	102
224	Expression of xenobiotic-metabolizing enzymes in propagatable cell cultures and induction of micronuclei by 13 compounds. <i>Mutagenesis</i> , <b>1990</b> , 5, 241-9	2.8	97
223	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> , <b>1973</b> , 6, 189-202	5	96
222	Generation of human hepatocytes by stem cell technology: definition of the hepatocyte. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2005</b> , 1, 61-74	5.5	95
221	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> , <b>2001</b> , 486, 207-16		94
220	Characterization of c-kit expression in small cell lung cancer: prognostic and therapeutic implications. <i>Clinical Cancer Research</i> , <b>2003</b> , 9, 188-94	12.9	90
219	Induction of the peroxisome proliferator activated receptor by fenofibrate in rat liver. <i>FEBS Letters</i> , <b>1992</b> , 309, 37-40	3.8	87
218	Substrate specificity of hepatic epoxide hydrase in microsomes and in a purified preparation: evidence for homologous enzymes. <i>Archives of Biochemistry and Biophysics</i> , <b>1971</b> , 144, 253-61	4.1	87
217	Dual role of epoxide hydratase in both activation and inactivation of benzo(a)pyrene. <i>Archives of Toxicology</i> , <b>1977</b> , 39, 65-75	5.8	84

216	TCDD induces c-jun expression via a novel Ah (dioxin) receptor-mediated p38-MAPK-dependent pathway. <i>Oncogene</i> , <b>2005</b> , 24, 4975-83	9.2	83
215	Epoxide hydrolases: structure, function, mechanism, and assay. <i>Methods in Enzymology</i> , <b>2005</b> , 400, 569-88,7		82
214	Chiral effects in the induction of drug-metabolizing enzymes using synthetic atropisomers of polychlorinated biphenyls (PCBs). <i>Biochemical Pharmacology</i> , <b>1989</b> , 38, 1345-52	6	82
213	Synthesis and mutagenicity of the diastereomeric fjord-region 11,12-dihydrodiol 13,14-epoxides of dibenzo[a,l]pyrene. <i>Carcinogenesis</i> , <b>1994</b> , 15, 2507-16	4.6	78
212	Inactivation of electrophilic metabolites by glutathione S-transferases and limitation of the system due to subcellular localization. <i>Archives of Toxicology</i> , <b>1977</b> , 39, 87-96	5.8	78
211	A method for the cryopreservation of liver parenchymal cells for studies of xenobiotics. <i>Cryobiology</i> , <b>1993</b> , 30, 116-27	2.7	76
210	Epoxides derived from various polycyclic hydrocarbons as substrates of homogeneous and microsomal epoxide hydratase. A general assay and kinetic properties. <i>FEBS Journal</i> , <b>1976</b> , 69, 97-103		71
209	Isolation, biochemical characterization, long-term culture, and phenotype modulation of oval cells from carcinogen-fed rats. <i>Experimental Cell Research</i> , <b>1993</b> , 204, 198-209	4.2	69
208	Cultures with cryopreserved hepatocytes: applicability for studies of enzyme induction. <i>Chemico-Biological Interactions</i> , <b>2000</b> , 125, 51-73	5	68
207	Effect of diabetes and starvation on the activity of rat liver epoxide hydrolases, glutathione S-transferases and peroxisomal beta-oxidation. <i>Biochemical Pharmacology</i> , <b>1989</b> , 38, 4291-7	6	68
206	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> , <b>2005</b> , 206, 75-89	4.4	65
205	p38alpha MAPK is required for contact inhibition. <i>Oncogene</i> , <b>2005</b> , 24, 7941-5	9.2	63
204	Colorimetric quantitation of trace amounts of sodium lauryl sulfate in the presence of nucleic acids and proteins. <i>Analytical Biochemistry</i> , <b>1992</b> , 207, 73-5	3.1	63
203	c-erbB-2 expression in small-cell lung cancer is associated with poor prognosis. <i>International Journal of Cancer</i> , <b>2001</b> , 92, 474-9	7.5	62
202	Distribution and inducibility of cytosolic epoxide hydrolase in male Sprague-Dawley rats. <i>Biochemical Pharmacology</i> , <b>1986</b> , 35, 3309-16	6	62
201	Specificity of mouse liver cytosolic epoxide hydrolase for K-region epoxides derived from polycyclic aromatic hydrocarbons. <i>Cancer Letters</i> , <b>1980</b> , 9, 169-75	9.9	60
200	Differences in the mechanisms of growth control in contact-inhibited and serum-deprived human fibroblasts. <i>Oncogene</i> , <b>1997</b> , 15, 2743-7	9.2	57
199	The telltale structures of epoxide hydrolases. <i>Drug Metabolism Reviews</i> , <b>2003</b> , 35, 365-83	7	57

198	p16INK4 mediates contact-inhibition of growth. <i>Oncogene</i> , <b>1999</b> , 18, 277-81	9.2	57
197	Subcellular localization of beta-catenin is regulated by cell density. <i>Biochemical and Biophysical Research Communications</i> , <b>2002</b> , 292, 195-9	3.4	54
196	Antibodies against homogeneous epoxide hydratase provide evidence for a single enzyme hydrating styrene oxide and benz(a)pyrene 4,5-oxide. <i>Nature</i> , <b>1976</b> , 259, 53-5	50.4	54
195	Differential effects of fluvoxamine and other antidepressants on the biotransformation of melatonin. <i>Journal of Clinical Psychopharmacology</i> , <b>2001</b> , 21, 167-74	1.7	53
194	Epoxide hydrase in human liver biopsy specimens: assay and properties. <i>Biochemical Pharmacology</i> , <b>1974</b> , 23, 1307-17	6	52
193	Glutathione, glutathione S-transferase alpha and pi, and aldehyde dehydrogenase content in relationship to drug resistance in ovarian cancer. <i>Gynecologic Oncology</i> , <b>1997</b> , 65, 54-62	4.9	50
192	Metabolic detoxification: implications for thresholds. <i>Toxicologic Pathology</i> , <b>2000</b> , 28, 382-7	2.1	50
191	Extrahepatic metabolism at the body's internal-external interfaces. <i>Drug Metabolism Reviews</i> , <b>2014</b> , 46, 291-324	7	48
190	Genotoxicity investigations on nanomaterials. <i>Archives of Toxicology</i> , <b>2012</b> , 86, 985-94	5.8	48
189	Visualization of a covalent intermediate between microsomal epoxide hydrolase, but not cholesterol epoxide hydrolase, and their substrates. <i>FEBS Journal</i> , <b>1997</b> , 245, 490-6		48
188	Characterization of cryopreserved rat liver parenchymal cells by metabolism of diagnostic substrates and activities of related enzymes. <i>Biochemical Pharmacology</i> , <b>1992</b> , 44, 309-15	6	48
187	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> , <b>1980</b> , 1, 827-35	4.6	48
186	Styrene metabolism, genotoxicity, and potential carcinogenicity. <i>Drug Metabolism Reviews</i> , <b>2006</b> , 38, 805-53	7	47
185	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> , <b>1991</b> , 12, 225-31	4.6	47
184	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> , <b>1978</b> , 27, 2237-45	6.5	47
183	Immunohistochemically demonstrated altered expression of cytochrome P-450 molecular forms and epoxide hydrolase in N-ethyl-N-hydroxyethylnitrosamine-induced rat kidney and liver lesions. <i>Carcinogenesis</i> , <b>1987</b> , 8, 711-7	4.6	46
182	DNA damage in nurses handling antineoplastic agents. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , <b>1995</b> , 342, 17-23		45
181	Cytochrome-P450 phosphorylation as a functional switch. <i>Archives of Biochemistry and Biophysics</i> , <b>2003</b> , 409, 228-34	4.1	44

180	Identity of dihydrodiol dehydrogenase and 3 alpha-hydroxysteroid dehydrogenase in rat but not in rabbit liver cytosol. <i>FEBS Letters</i> , <b>1984</b> , 170, 263-7	3.8	44
179	Detection of N2,3-ethanoguanine in DNA after treatment with chloroacetaldehyde in vitro. <i>Carcinogenesis</i> , <b>1982</b> , 3, 663-5	4.6	44
178	Prognostic significance of c-erbB-2 mRNA in ovarian carcinoma. <i>Gynecologic Oncology</i> , <b>1996</b> , 62, 268-77	4.9	43
177	Specificity of human, rat and mouse skin epoxide hydratase towards K-region epoxides of polycyclic hydrocarbons. <i>Biochemical Pharmacology</i> , <b>1978</b> , 27, 17-20	6	43
176	Concomitant induction of cytosolic but not microsomal epoxide hydrolase with peroxisomal beta-oxidation by various hypolipidemic compounds. <i>Biochemical Pharmacology</i> , <b>1987</b> , 36, 345-51	6	42
175	An impaired peroxisomal targeting sequence leading to an unusual bicompartmental distribution of cytosolic epoxide hydrolase. <i>FEBS Letters</i> , <b>1991</b> , 294, 19-22	3.8	41
174	Mutagenicity of cysteine and penicillamine and its enantiomeric selectivity. <i>Biochemical Pharmacology</i> , <b>1985</b> , 34, 3725-8	6	40
173	Species and organ specificity of the trans-stilbene oxide induced effects on epoxide hydratase and benzo(a)pyrene monooxygenase activity in rodents. <i>Biochemical Pharmacology</i> , <b>1979</b> , 28, 171-6	6	39
172	Properties and amino acid composition of pure epoxide hydratase. <i>FEBS Letters</i> , <b>1975</b> , 59, 296-9	3.8	39
171	In vivo modulated N-acyl side chain of N-acetylneuraminic acid modulates the cell contact-dependent inhibition of growth. <i>FEBS Letters</i> , <b>1996</b> , 395, 170-3	3.8	38
170	Differential modulation of CYP2E1 activity by cAMP-dependent protein kinase upon Ser129 replacement. <i>Experimental Cell Research</i> , <b>1998</b> , 242, 294-302	4.2	37
169	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> , <b>1987</b> , 44, 341-54	4.4	37
168	Role of cAMP in mediating AHR signaling. <i>Biochemical Pharmacology</i> , <b>2009</b> , 77, 627-41	6	36
167	Recombinant expression of human microsomal epoxide hydrolase protects V79 Chinese hamster cells from styrene oxide- but not from ethylene oxide-induced DNA strand breaks. <i>Environmental and Molecular Mutagenesis</i> , <b>1997</b> , 30, 429-39	3.2	36
166	No influence of magnetic fields on cell cycle progression using conditions relevant for patients during MRI. <i>Bioelectromagnetics</i> , <b>2003</b> , 24, 241-50	1.6	36
165	Genotoxic risk for humans due to work place exposure to ethylene oxide: remarkable individual differences in susceptibility. <i>Archives of Toxicology</i> , <b>1994</b> , 68, 343-8	5.8	36
164	Spectrum of styrene-induced DNA adducts: the relationship to other biomarkers and prospects in human biomonitoring. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2002</b> , 511, 239-54	7	34
163	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> , <b>1994</b> , 321, 175-85		34

162	Phosphorylation of carcinogen metabolizing enzymes: regulation of the phosphorylation status of the major phenobarbital inducible cytochromes P-450 in hepatocytes. <i>Carcinogenesis</i> , <b>1989</b> , 10, 225-8	4.6	34
161	Glutathione S-transferase T1 and M1 gene defects in ovarian carcinoma. <i>Cancer Letters</i> , <b>1998</b> , 130, 43-8	9.9	33
160	Comparative metabolism of the designer drug 4-methylthioamphetamine by hepatocytes from man, monkey, dog, rabbit, rat and mouse. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2004</b> , 369, 198-205	3.4	33
159	Structure, conformations, and repair of DNA adducts from dibenzo[a, l]pyrene: 32P-postlabeling and fluorescence studies. <i>Chemical Research in Toxicology</i> , <b>1998</b> , 11, 674-85	4	33
158	Substance-dependent sex differences in the activation of benzylic alcohols to mutagens by hepatic sulfotransferases of the rat. <i>Carcinogenesis</i> , <b>1994</b> , 15, 2605-11	4.6	33
157	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 gamma-glutamyltranspeptidase in rat liver preneoplastic lesions. <i>Carcinogenesis</i> , <b>1998</b> , 19, 517-24	4.6	32
156	Nuclear expression of apurinic/apyrimidinic endonuclease increases with progression of ovarian carcinomas. <i>Gynecologic Oncology</i> , <b>2004</b> , 92, 568-77	4.9	31
155	Involvement of protein kinase Cdelta in contact-dependent inhibition of growth in human and murine fibroblasts. <i>Oncogene</i> , <b>2001</b> , 20, 5143-54	9.2	31
154	First evidence of cytochrome P-450 induction in the mouse brain by phenytoin. <i>Neuroscience Letters</i> , <b>1988</b> , 84, 219-24	3.3	31
153	Reductive cyclization of keto acids to polycyclic aromatic hydrocarbons by hydroiodic acid-red phosphorus. <i>Journal of Organic Chemistry</i> , <b>1981</b> , 46, 2601-2603	4.2	31
152	Long-time expression of DNA repair enzymes MGMT and APE in human peripheral blood mononuclear cells. <i>Archives of Toxicology</i> , <b>2001</b> , 75, 306-12	5.8	30
151	Persistence of the cholangiocellular and hepatocellular lesions observed in rats fed a choline-deficient/DL-ethionine-supplemented diet. <i>Carcinogenesis</i> , <b>1992</b> , 13, 271-6	4.6	30
150	Switching off HER-2/neu in a tetracycline-controlled mouse tumor model leads to apoptosis and tumor-size-dependent remission. <i>Cancer Research</i> , <b>2003</b> , 63, 7221-31	10.1	30
149	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> , <b>2001</b> , 94, 733-42	7.5	29
148	Synthesis of oligodeoxynucleotides containing diastereomeric dihydrodiol epoxide-N6-deoxyadenosine adducts of polycyclic aromatic hydrocarbons. <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 1773-1774	2	29
147	Resistance factors in colon cancer tissue and the adjacent normal colon tissue: glutathione S-transferases alpha and pi, glutathione and aldehyde dehydrogenase. <i>Cancer Letters</i> , <b>1998</b> , 128, 105-12	9.9	28
146	Xenobiotic metabolizing enzymes of rat liver nonparenchymal cells. <i>Toxicology and Applied Pharmacology</i> , <b>1986</b> , 84, 500-11	4.6	28
145	A fluorometric assay for quantitating phenol sulfotransferase activities in homogenates of cells and tissues. <i>Analytical Biochemistry</i> , <b>1987</b> , 163, 546-51	3.1	28

144	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> , <b>1991</b> , 80, 177-86	5	27
143	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> , <b>1992</b> , 13, 1549-55	4.6	27
142	Phosphorylation of cytochrome P450 isoenzymes in intact hepatocytes and its importance for their function in metabolic processes. <i>Archives of Toxicology</i> , <b>1990</b> , 64, 257-61	5.8	27
141	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> , <b>1980</b> , 17, 93-102	1.9	27
140	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]anthracene in the Ames test. <i>Carcinogenesis</i> , <b>1981</b> , 2, 813-21	4.6	27
139	Genotoxicity characteristics of reverse diol-epoxides of chrysene. <i>Carcinogenesis</i> , <b>1993</b> , 14, 11-9	4.6	26
138	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> , <b>1983</b> , 4, 57-65	4.6	26
137	Endogenous role of epoxide-hydratase. Development of a steroid epoxide-hydratase assay and properties of the enzyme. <i>FEBS Journal</i> , <b>1979</b> , 97, 275-81		26
136	Synthesis of non-k-region -quinones of polycyclic aromatic hydrocarbons from cyclic ketones. <i>Tetrahedron Letters</i> , <b>1982</b> , 23, 163-166	2	26
135	mdm 2 mRNA expression is associated with survival in ovarian cancer. <i>International Journal of Cancer</i> , <b>1997</b> , 74, 438-42	7.5	25
134	Properties of the microsomal and cytosolic glutathione transferases involved in hexachloro-1:3-butadiene conjugation. <i>Biochemical Pharmacology</i> , <b>1989</b> , 38, 353-9	6	24
133	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> , <b>1987</b> , 8, 1621-7	4.6	23
132	delta 1-Tetrahydrocannabinol and 1 alpha, 2 alpha-epoxyhexahydrocannabinol: mutagenicity investigation in the Ames test. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , <b>1979</b> , 66, 329-35		23
131	Influence of aryl hydrocarbon- (Ah) receptor and genotoxins on DNA repair gene expression and cell survival of mouse hepatoma cells. <i>Toxicology</i> , <b>2009</b> , 259, 91-6	4.4	22
130	CYP2D6 increases toxicity of the designer drug 4-methylthioamphetamine (4-MTA). <i>Toxicology</i> , <b>2007</b> , 229, 236-44	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> , <b>1994</b> , 15, 171-5	4.6	22
128	TCDD-dependent downregulation of gamma-catenin in rat liver epithelial cells (WB-F344). <i>International Journal of Cancer</i> , <b>2003</b> , 103, 435-9	7.5	21
127	Activation of the C2 Position of Purine by the Trifluoromethanesulfonate Group: Synthesis of N2-Alkylated Deoxyguanosines. <i>Angewandte Chemie International Edition in English</i> , <b>1993</b> , 32, 404-406		21



126	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> , <b>1988</b> , 37, 3297-304 <sup>6</sup>		21
125	K-Regiontrans-Dihydrodiols of Polycyclic Arenes; An Efficient and Convenient Preparation fromo-Quinones oro-Diphenols by Reduction with Sodium Borohydride in the Presence of Oxygen. <i>Synthesis</i> , <b>1982</b> , 1982, 459-461	2.9	21
124	Repurposing of plant alkaloids for cancer therapy: Pharmacology and toxicology. <i>Seminars in Cancer Biology</i> , <b>2021</b> , 68, 143-163	12.7	21
123	Unique behaviour of benzene mono-oxygenase: activation by detergent and different properties of benzene- and phenobarbital-induced mono-oxygenase activities. <i>Biochemical Pharmacology</i> , <b>1979</b> , 28, 3425-9	6	20
122	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> , <b>1981</b> , 2, 1057-61	4.6	20
121	Mono- and Diglucuronide formation from benzo[a]pyrene and chrysene diphenols by AHH-1 cell-expressed UDP-glucuronosyltransferase UGT1A7. <i>Biochemical Pharmacology</i> , <b>1999</b> , 57, 653-6	6	19
120	DNA single strand break analysis in mononuclear blood cells of petrol pump attendants. <i>International Archives of Occupational and Environmental Health</i> , <b>1995</b> , 67, 35-9	3.2	19
119	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> , <b>1994</b> , 15, 125-7	4.6	19
118	Enantiomers of Polychlorinated Biphenyls Semipreparative Enrichment by Liquid Chromatography. <i>Liebigs Annalen Der Chemie</i> , <b>1985</b> , 1985, 2101-2103		19
117	12-O-tetradecanoylphorbol-13-acetate releases human diploid fibroblasts from contact-dependent inhibition of growth. <i>Carcinogenesis</i> , <b>1988</b> , 9, 1319-22	4.6	18
116	Metabolic transformation of clinically used drugs to epoxides: new perspectives in drug-drug interactions. <i>Biochemical Pharmacology</i> , <b>1976</b> , 25, 1935-7	6	18
115	Dihydrodiol dehydrogenase activities of rabbit liver are associated with hydroxysteroid dehydrogenases and aldo-keto reductases. <i>FEBS Journal</i> , <b>1992</b> , 205, 1155-62		17
114	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> , <b>1990</b> , 279, 167-73	4.1	17
113	Altered drug metabolizing potential of acinar cell lesions induced in rat pancreas by hydroxyaminoquinoline 1-oxide. <i>Carcinogenesis</i> , <b>1987</b> , 8, 1089-94	4.6	17
112	The effects of modulation of microsomal epoxide hydrolase activity on microsome-catalyzed activation of benzo[alpha]pyrene and its covalent binding to DNA. <i>Cancer Letters</i> , <b>1981</b> , 11, 175-83	9.9	17
111	Transplacental control of epoxide hydratase and its relationship to the control of microsomal monooxygenase. <i>FEBS Letters</i> , <b>1975</b> , 53, 205-10	3.8	17
110	Xenobiotic Metabolism <b>1999</b> , 83-109		16
109	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> , <b>1995</b> , 342, 95-102		16

108	Antibodies targeted against hypervariable and constant regions of cytochromes P450IIB1 and P450IIB2. <i>Archives of Biochemistry and Biophysics</i> , <b>1989</b> , 270, 23-32	4.1	16
107	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> , <b>1991</b> , 287, 380-3	4.1	16
106	Translocation of cdk2 to the nucleus during G1-phase in PDGF-stimulated human fibroblasts. <i>Experimental Cell Research</i> , <b>1997</b> , 232, 72-8	4.2	15
105	V79 Chinese hamster cells genetically engineered for stable expression of cytochromes P450. <i>Methods in Enzymology</i> , <b>1991</b> , 206, 117-23	1.7	15
104	The metabolic activation of dibenz[a,h]anthracene in mouse skin examined by <sup>32</sup> P-postlabelling: minor contribution of the 3,4-diol 1,2-oxides to DNA binding. <i>Carcinogenesis</i> , <b>1991</b> , 12, 1079-83	4.6	15
103	Cigarette smoke inhibits cytosolic but not microsomal epoxide hydrolase of human lung. <i>Human and Experimental Toxicology</i> , <b>1992</b> , 11, 99-103	3.4	15
102	Quinone reduction and redox cycling catalysed by purified rat liver dihydrodiol/3 alpha-hydroxysteroid dehydrogenase. <i>Biochemical Pharmacology</i> , <b>1992</b> , 44, 341-9	6	15
101	Human liver cytosolic epoxide hydrolases. <i>FEBS Journal</i> , <b>1988</b> , 176, 715-23		15
100	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> , <b>1986</b> , 51, 5368-5372	4.2	15
99	Rapid and sensitive enzyme-linked immunosorbent assay for the microsomal epoxide hydrolase. <i>Carcinogenesis</i> , <b>1982</b> , 3, 1307-10	4.6	15
98	A protocol to determine dermal absorption of xenobiotica through human skin in vitro. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 1497-1511	5.8	14
97	Perfluorodecanoic acid decreases the enzyme activity and the amount of glutathione S-transferases proteins and mRNAs in vivo. <i>Chemico-Biological Interactions</i> , <b>1989</b> , 70, 127-43	5	14
96	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> , <b>1989</b> , 37, 1160-1164	5.7	14
95	The major isozyme of rat cardiac glutathione transferases. Its correspondence to hepatic transferase X. <i>FEBS Journal</i> , <b>1986</b> , 154, 299-305		14
94	Microsomal epoxide hydrolase. <i>Methods in Enzymology</i> , <b>1981</b> , 77, 344-9	1.7	14
93	Synthesis and properties of the seven isomeric phenols of dibenz[a,h]anthracene. <i>Journal of Organic Chemistry</i> , <b>1982</b> , 47, 5321-5326	4.2	14
92	Rottlerin induces a transformed phenotype in human keratinocytes. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 282, 575-9	3.4	13
91	Differential subcellular localization of endogenous and transfected soluble epoxide hydrolase in mammalian cells: evidence for isozyme variants. <i>FEBS Letters</i> , <b>1999</b> , 445, 301-5	3.8	13

90	Characterization of DNA adducts at the bay region of dibenz[a,h]anthracene formed in vitro. <i>Carcinogenesis</i> , <b>1993</b> , 14, 469-73	4.6	13
89	Assay for O6-alkylguanine-DNA-alkyltransferase using oligonucleotides containing O6-methylguanine in a BamHI recognition site as substrate. <i>Analytical Biochemistry</i> , <b>1992</b> , 205, 294-9	3.1	13
88	Effect of hypolipidemic compounds on lauric acid hydroxylation and phase II enzymes. <i>Biochemical Pharmacology</i> , <b>1989</b> , 38, 1963-9	6	13
87	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> , <b>1990</b> , 232, 305-12	3.3	13
86	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> , <b>1986</b> , 159, 415-23		13
85	Purification and characterization of rat-liver cytosolic epoxide hydrolase. <i>FEBS Journal</i> , <b>1988</b> , 176, 31-7		13
84	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> , <b>1988</b> , 176, 39-45		13
83	The membrane anchor of microsomal epoxide hydrolase from human, rat, and rabbit displays an unexpected membrane topology. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 236, 754-9 <sup>4</sup>		12
82	Establishment and characterization of a nontumorigenic cell line derived from a human hepatocellular adenoma expressing hepatocyte-specific markers. <i>Experimental Cell Research</i> , <b>1997</b> , 236, 418-26	4.2	12
81	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> , <b>1991</b> , 65, 633-9	5.8	12
80	Influence of the level of cytosolic epoxide hydrolase on the induction of sister chromatid exchanges by trans-beta-ethylstyrene 7,8-oxide in human lymphocytes. <i>Biochemical Pharmacology</i> , <b>1991</b> , 42, 2147-52	6	12
79	Metabolic activation of aflatoxin B1 to aflatoxin B1-8,9-epoxide in woodchucks undergoing chronic active hepatitis. <i>International Journal of Cancer</i> , <b>1997</b> , 73, 587-91	7.5	11
78	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> , <b>2005</b> , 79, 201-7	5.8	11
77	Assignment of Absolute Configuration to Metabolically Formed trans-Dihydrodiols of Dibenz[a,l]pyrene by the Exciton Chirality Method Using a New Red-Shifted Chromophore. <i>Polycyclic Aromatic Compounds</i> , <b>1996</b> , 10, 109-116	1.3	11
76	Characterization of highly polar bis-dihydrodiol epoxide--DNA adducts formed after metabolic activation of dibenz[a,h]anthracene. <i>Carcinogenesis</i> , <b>1993</b> , 14, 863-7	4.6	11
75	In vivo formation of aflatoxin B1-DNA adducts in parenchymal and non-parenchymal cells of rat liver. <i>Carcinogenesis</i> , <b>1992</b> , 13, 831-5	4.6	11
74	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> , <b>1992</b> , 47, 228-33	4.9	11
73	The distribution of UDP-glucuronosyltransferases in rat liver parenchymal and nonparenchymal cells. <i>Biochemical Pharmacology</i> , <b>1992</b> , 43, 731-7	6	11

72	Interaction of valproic acid and some analogues with microsomal epoxide hydrolase. <i>Biochemical Pharmacology</i> , <b>1992</b> , 43, 775-83	6	11
71	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> , <b>1990</b> , 243, 187-93		11
70	Gamma-glutamyl transpeptidase and glutathione biosynthesis in non-tumorigenic and tumorigenic rat liver oval cell lines. <i>Carcinogenesis</i> , <b>2001</b> , 22, 2009-16	4.6	10
69	Cell systems for use in studies on the relationship between foreign compound metabolism and toxicity. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1995</b> , 76, 325-7		10
68	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> , <b>1990</b> , 60, 253-61	4.4	10
67	Rat Liver Endothelial and Kupffer Cell-Mediated Mutagenicity of Polycyclic Aromatic Hydrocarbons and Aflatoxin B 1. <i>Environmental Health Perspectives</i> , <b>1990</b> , 88, 71	8.4	10
66	Metabolic activation and inactivation of chemical mutagens and carcinogens. <i>Trends in Pharmacological Sciences</i> , <b>1981</b> , 2, 129-132	13.2	10
65	Formation of N-methylnicotinamide in the brain from a dihydropyridine-type prodrug: effect on brain choline. <i>Biochemical Pharmacology</i> , <b>1999</b> , 57, 681-4	6	9
64	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> , <b>1993</b> , 14, 457-62	4.6	9
63	Modulation of selenium-dependent glutathione peroxidase by perfluorodecanoic acid in rats: effect of dietary selenium. <i>Journal of Nutrition</i> , <b>1990</b> , 120, 298-304	4.1	9
62	Differential induction of cytochrome P-450 by the enantiomers of trans-stilbene oxide. <i>Biochemical Pharmacology</i> , <b>1987</b> , 36, 4355-9	6	9
61	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> , <b>1988</b> , 2, 245-248	3	9
60	Regiospecific oxidation of polycyclic aromatic dihydrodiols by rat liver dihydrodiol dehydrogenase. <i>Chemico-Biological Interactions</i> , <b>1991</b> , 79, 287-303	5	8
59	The oxidation of the highly tumorigenic benz[a]anthracene 3,4-dihydrodiol by rat liver dihydrodiol dehydrogenase. <i>Chemico-Biological Interactions</i> , <b>1990</b> , 76, 211-26	5	8
58	Mutagenicity of N-substituted phenanthrene 9,10-imines in Salmonella typhimurium and Chinese hamster V79 cells. <i>Environmental Mutagenesis</i> , <b>1986</b> , 8, 829-37		8
57	Host-mediated mutagenicity experiments with benzo[a]pyrene and two of its metabolites. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , <b>1985</b> , 156, 163-9		8
56	Radioactively labelled epoxides. Part III. Tritium labelled steroid 16 $\beta$ -17 $\beta$ -epoxides. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1980</b> , 17, 649-656	1.9	8
55	Modulation of the covalent binding of aryl hydrocarbon metabolites to DNA in vitro after treatment of rats and mice with trans-stilbene oxide. <i>Carcinogenesis</i> , <b>1981</b> , 2, 1049-56	4.6	8

54	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> , <b>1998</b> , 358, 40-8	4.1	7
53	The human p53 gene mutated at position 249 per se is not sufficient to immortalize human liver cells. <i>Hepatology</i> , <b>1999</b> , 29, 834-8	11.2	7
52	Selective induction of bilirubin UDP-glucuronosyl-transferase by perfluorodecanoic acid. <i>Chemico-Biological Interactions</i> , <b>1991</b> , 77, 97-105	5	7
51	Identification of plasma membrane glycoproteins involved in the contact-dependent inhibition of growth of diploid human fibroblasts. <i>Experimental Cell Research</i> , <b>1989</b> , 180, 504-14	4.2	7
50	A comparative study of drug-metabolizing enzymes present in isolated rat liver parenchymal, Kupffer and endothelial cells. <i>Biochemical Society Transactions</i> , <b>1987</b> , 15, 372-3	5.1	7
49	Contact-dependent inhibition of growth of normal diploid human fibroblasts by plasma membrane glycoproteins. <i>Biochimie</i> , <b>1988</b> , 70, 1661-71	4.6	7
48	O6-alkylguanine DNA alkyltransferase activity in student embalmers. <i>American Journal of Industrial Medicine</i> , <b>1997</b> , 31, 361-5	2.7	6
47	Modulation of mutagenicity by phosphorylation of mutagen-metabolizing enzymes. <i>Archives of Biochemistry and Biophysics</i> , <b>2004</b> , 423, 31-6	4.1	6
46	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> , <b>1995</b> , 16, 2111-5	4.6	6
45	Ha-rasVal12 but not p53Ser247 leads to a significant neoplastic transformation rate of the putative rat liver stem cells (oval cell). <i>Carcinogenesis</i> , <b>1996</b> , 17, 2635-40	4.6	6
44	Production of site-specific P450 antibodies using recombinant fusion proteins as antigens. <i>Methods in Enzymology</i> , <b>1991</b> , 206, 193-201	1.7	6
43	Analytical technique for studying the structure of glycoprotein N-glycans. <i>Journal of Chromatography A</i> , <b>1993</b> , 646, 227-234	4.5	6
42	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> , <b>1989</b> , 63, 18-22	5.8	6
41	Rat and Human Liver Cytosolic Epoxide Hydrolases: Evidence for Multiple Forms at the Level of Protein and mRNA. <i>Environmental Health Perspectives</i> , <b>1990</b> , 88, 49	8.4	6
40	Use of monoclonal and polyclonal antibodies as structural and topographical probes for hepatic epoxide hydrolase. <i>FEBS Letters</i> , <b>1983</b> , 157, 271-6	3.8	6
39	Interaction of tetrachlorobiphenyls with isolated rat liver mitochondria. <i>Journal of Pharmacobio-dynamics</i> , <b>1985</b> , 8, 726-32		6
38	Control of the mutagenicity of arylamines by protein kinases and phosphatases: II. Lack of response of rat liver N-acetyl transferases to phosphorylation modulators. <i>Archives of Toxicology</i> , <b>1997</b> , 71, 655-9	5.8	5
37	Deficiency of bile acid transport and synthesis in oval cells from carcinogen-fed rats. <i>Hepatology</i> , <b>1994</b> , 19, 722-7	11.2	5

36	Different enzyme kinetics during the glutathione conjugation of the four stereoisomers of the fjord-region diepoxides of benzo[c]phenanthrene by the mu-class rat liver glutathione S-transferase HTP II. <i>Biochemical Pharmacology</i> , <b>1994</b> , 47, 505-14	6	5
35	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> , <b>1985</b> , 5, 339-45		5
34	Structures and Mutagenic Properties of Products Obtained by C-Nitrosation of Opipramol. <i>Helvetica Chimica Acta</i> , <b>1987</b> , 70, 1296-1301	2	4
33	Significance of various enzymes in the control of mutagenic and carcinogenic metabolites derived from aromatic structures. <i>Toxicologic Pathology</i> , <b>1984</b> , 12, 391-6	2.1	4
32	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> , <b>1982</b> , 47, 568-571	4.7	4
31	The preparation of (14C) and [3H] labelled benzene oxide. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1977</b> , 13, 471-479	1.9	4
30	Analysis of DNA single-strand breaks in human venous blood: a technique which does not require isolation of white blood cells. <i>Environmental and Molecular Mutagenesis</i> , <b>1997</b> , 29, 58-62	3.2	3
29	Acute exposure to 50ppm toluene does not increase sleepiness. <i>Environmental Toxicology and Pharmacology</i> , <b>2005</b> , 19, 665-9	5.8	3
28	Transforming growth factor-beta1 is not involved in TCDD-dependent release from contact inhibition in WB-F344 cells. <i>Archives of Toxicology</i> , <b>2005</b> , 79, 31-6	5.8	3
27	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> , <b>1995</b> , 16, 633-6	4.6	3
26	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> , <b>1993</b> , 9, 503-9	1.8	3
25	Activated Fjord-Region Metabolites of Dibenz[a,l]pyrene: Synthesis and Mutagenic Activities of the Diastereomeric syn and anti 1,12-Dihydrodiol 13,14-Epoxides. <i>Polycyclic Aromatic Compounds</i> , <b>1994</b> , 6, 191-198	1.3	3
24	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> , <b>1986</b> , 2, 213-21	7.4	3
23	Contact-Inhibition of Growth by Complex Carbohydrates.. <i>Trends in Glycoscience and Glycotechnology</i> , <b>1992</b> , 4, 160-167	0.1	3
22	Toxicity as prime selection criterion among SARS-active herbal medications. <i>Phytomedicine</i> , <b>2021</b> , 85, 153476	6.5	3
21	In vitro mammalian metabolism of the mitosis inhibitor zoxamide and the relationship to its in vitro toxicity. <i>Xenobiotica</i> , <b>2010</b> , 40, 72-82	2	2
20	Synthesis, absolute configuration, and bacterial mutagenicity of the 8 stereoisomeric vicinal diol epoxides at the terminal benzo ring of carcinogenic dibenz[a,h]anthracene. <i>Chemical Research in Toxicology</i> , <b>2011</b> , 24, 2258-68	4	2
19	Transforming growth factor beta1 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> , <b>2004</b> , 78, 643-8	5.8	2

18	DNA Polymerase Action on Oligonucleotide Templates from Human Ha-ras Protooncogene Containing N6-Deoxyadenosine Adducts Derived from Trans Addition of (+)- and (-)-anti-Benzo[c]phenanthrene-3,4-dihydrodiol 1,2-epoxides at Codon 61. <i>Polycyclic Aromatic Compounds</i> , <b>1996</b> , 10, 161-170	1.3	2
17	Regiospecific reduction of polycyclic aromatic quinones by rabbit liver dihydrodiol dehydrogenases. <i>Chemico-Biological Interactions</i> , <b>1994</b> , 90, 157-68	5	2
16	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> , <b>1987</b> , 24, 979-986	1.9	2
15	A facile microsynthesis of <sup>14</sup> C-labelled picene. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1984</b> , 21, 781-787	1.9	2
14	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> , <b>2020</b> , 94, 2663-2682	5.8	1
13	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> , <b>2004</b> , 1, 473-80	2.5	1
12	Specificity of murine glutathione S-transferase isozymes in the glutathione conjugation of (-)-anti- and (+)-syn-stereoisomers of benzo[g]chrysene 11,12-diol 13,14-epoxide. <i>Carcinogenesis</i> , <b>1999</b> , 20, 1997-2001	4.6	1
11	Radioactively labelled epoxides. Part VI. tritium-labelled mono- and dimethyl substituted phenyl oxiranes (styrene oxides). <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1988</b> , 25, 1209-1217	1.9	1
10	Radioactively labelled epoxides. Part IV. Tritium labelled $\beta$ and $\beta$ methyl styrene oxides. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , <b>1983</b> , 20, 1297-1303	1.9	1
9	Reactive Metabolites of Carcinogenic Polycyclic Hydrocarbons: Synthesis and Trapping Reaction of 9-Hydroxybenzo[a]pyrene 4,5-Oxide. <i>Angewandte Chemie International Edition in English</i> , <b>1985</b> , 24, 699-700		1
8	On the potential carcinogenic and mutagenic character of benzobiphenylenes. <i>Tetrahedron Letters</i> , <b>1979</b> , 20, 3691-3694	2	1
7	Purity of tritiated 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> , <b>1981</b> , 117, 208-12	3.1	1
6	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> , <b>2019</b> , 306, 11-12	4.4	1
5	The Stereoisomeric Fjord-Region Benzo[c]phenanthrene-3,4-Dihydrodiol 1,2-Oxides Malignantly Transform Rat Liver Epithelial Cells. <i>Polycyclic Aromatic Compounds</i> , <b>1996</b> , 10, 275-282	1.3	
4	Oxidative stress response of tumor cells: microarray-based comparison between artemisinin and anthracyclines. <i>Biochemical Pharmacology</i> , <b>2004</b> , 68, 3-3	6	
3	Subcellular distribution of ras in human and murine fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , <b>1996</b> , 226, 172-5	3.4	
2	Correlation of the Extent of Fjord-Region Oxidation with DNA Binding and Mutagenicity of the Enantiomeric 11,12-Dihydrodiols of Dibenzo[a,l]pyrene. <i>Polycyclic Aromatic Compounds</i> , <b>1996</b> , 10, 101-108	1.3	
1	Enigmatic mechanism of the N-vinylpyrrolidone hepatocarcinogenicity in the rat. <i>Archives of Toxicology</i> , <b>2021</b> , 95, 3717-3744	5.8	

