

# Hansruedi Glatt

## List of Publications by Year in descending order

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198  
papers

8,911  
citations

38742

50  
h-index

54911

84  
g-index

203  
all docs

203  
docs citations

203  
times ranked

6811  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feeding Brassica vegetables to rats leads to the formation of characteristic DNA adducts (from) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	4.2	10
2	The comparison of cytotoxic and genotoxic activities of glucosinolates, isothiocyanates, and indoles. Scientific Reports, 2022, 12, 4875.	3.3	3
3	Potent aneugenicity of 1-methylpyrene in human cells dependent on metabolic activation by endogenous enzymes. Archives of Toxicology, 2021, 95, 703-713.	4.2	5
4	Influence of Bisphenol Compounds at Nanomolar Concentrations on Chromosome Damage Induced by Metabolically Activated Carcinogens in HepG2 Cells. Environmental Science & Technology, 2021, 55, 10001-10011.	10.0	20
5	Human CYP1B1-dependent genotoxicity of dioxin-like polychlorinated biphenyls in mammalian cells. Toxicology, 2020, 429, 152329.	4.2	13
6	Human CYP2E1-dependent mutagenicity of benzene and its hydroxylated metabolites in V79 -derived cells: Suppression and enhancement by ethanol pretreatment. Environmental and Molecular Mutagenesis, 2020, 61, 622-634.	2.2	6
7	Interleukin-22 protects intestinal stem cells against genotoxic stress. Nature, 2019, 566, 249-253.	27.8	251
8	Human CYP3A4-mediated toxification of the pyrrolizidine alkaloid lasiocarpine. Food and Chemical Toxicology, 2019, 130, 79-88.	3.6	35
9	1-Methoxy-3-indolylmethyl DNA adducts in six tissues, and blood protein adducts, in mice under pak choi diet: time course and persistence. Archives of Toxicology, 2019, 93, 1515-1527.	4.2	5
10	Mutagenic Activity of N-Nitrosodiethylamine in Cell Lines Expressing Human CYP2E1 -Adequacy of Dimethylsulfoxide as Solvent. Environmental and Molecular Mutagenesis, 2019, 60, 214-226.	2.2	5
11	Strong impact of sulfotransferases on DNA adduct formation by 4-aminobiphenyl in bladder and liver in mice. Cancer Medicine, 2018, 7, 5604-5610.	2.8	6
12	Hemoglobin adducts of furfuryl alcohol in genetically modified mouse models: Role of endogenous sulfotransferases 1a1 and 1d1 and transgenic human sulfotransferases 1A1/1A2. Toxicology Letters, 2018, 295, 173-178.	0.8	10
13	Role of human sulfotransferase 1A1 and N-acetyltransferase 2 in the metabolic activation of 16 heterocyclic amines and related heterocyclics to genotoxicants in recombinant V79 cells. Archives of Toxicology, 2017, 91, 3175-3184.	4.2	30
14	Potent mutagenicity of some non-planar tri- and tetrachlorinated biphenyls in mammalian cells, human CYP2E1 being a major activating enzyme. Archives of Toxicology, 2017, 91, 2663-2676.	4.2	27
15	Methyleugenol DNA adducts in human liver are associated with SULT1A1 copy number variations and expression levels. Archives of Toxicology, 2017, 91, 3329-3339.	4.2	30
16	Impact of genetic modulation of SULT1A enzymes on DNA adduct formation by aristolochic acids and 3-nitrobenzanthrone. Archives of Toxicology, 2017, 91, 1957-1975.	4.2	22
17	An in vitro study on the genotoxic effect of substituted furans in cells transfected with human metabolizing enzymes: 2,5-dimethylfuran and furfuryl alcohol. Mutagenesis, 2016, 31, 597-602.	2.6	5
18	Metabolism and excretion of 1-hydroxymethylpyrene, the proximate metabolite of the carcinogen 1-methylpyrene, in rats. Toxicology, 2016, 366-367, 43-52.	4.2	7

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19	Role of exposure/recovery schedule in micronuclei induction by several promutagens in V79-derived cells expressing human CYP2E1 and SULT1A1. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 808, 27-37.	1.7	16
20	Characteristic single glucosinolates from <i>Moringa oleifera</i> : Induction of detoxifying enzymes and lack of genotoxic activity in various model systems. <i>Food and Function</i> , 2016, 7, 4660-4674.	4.6	10
21	Human CYP2E1-dependent mutagenicity of mono- and dichlorobiphenyls in Chinese hamster (V79)-derived cells. <i>Chemosphere</i> , 2016, 144, 1908-1915.	8.2	12
22	DNA adducts induced by food mutagen PhIP in a mouse model expressing human sulfotransferases 1A1 and 1A2. <i>Toxicology Letters</i> , 2016, 248, 34-38.	0.8	6
23	Modified Ames test using a strain expressing human sulfotransferase 1C2 to assess the mutagenicity of methyleugenol. <i>Genes and Environment</i> , 2016, 38, 1.	2.1	28
24	Use of genetically manipulated <i>Salmonella typhimurium</i> strains to evaluate the role of human sulfotransferases in the bioactivation of nitro- and aminotoluenes. <i>Environmental and Molecular Mutagenesis</i> , 2016, 57, 299-311.	2.2	10
25	Ethanol and 4-methylpyrazole increase DNA adduct formation of furfuryl alcohol in FVB/N wild-type mice and in mice expressing human sulfotransferases 1A1/1A2. <i>Carcinogenesis</i> , 2016, 37, 314-319.	2.8	8
26	In Silico Prediction of Human Sulfotransferase 1E1 Activity Guided by Pharmacophores from Molecular Dynamics Simulations. <i>Journal of Biological Chemistry</i> , 2016, 291, 58-71.	3.4	27
27	Conversion of Suspected Food Carcinogen 5-Hydroxymethylfurfural by Sulfotransferases and Aldehyde Dehydrogenases in Postmitochondrial Tissue Preparations of Humans, Mice, and Rats. <i>Toxicological Sciences</i> , 2016, 149, 192-201.	3.1	7
28	Bioactivation of food genotoxicants 5-hydroxymethylfurfural and furfuryl alcohol by sulfotransferases from human, mouse and rat: a comparative study. <i>Archives of Toxicology</i> , 2016, 90, 137-148.	4.2	37
29	The glucosinolate metabolite 4-methoxyindolylmethyl alcohol induces a gene expression profile in mouse liver similar to the expression signature caused by known genotoxic hepatocarcinogens. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 685-697.	3.3	12
30	Genotoxicity of three food processing contaminants in transgenic mice expressing human sulfotransferases 1A1 and 1A2 as assessed by the in vivo alkaline single cell gel electrophoresis assay. <i>Environmental and Molecular Mutagenesis</i> , 2015, 56, 709-714.	2.2	30
31	Simultaneous Detection of Multiple DNA Adducts in Human Lung Samples by Isotope-Dilution UPLC-MS/MS. <i>Analytical Chemistry</i> , 2015, 87, 641-648.	6.5	59
32	Formation of DNA adducts in wild-type and transgenic mice expressing human sulfotransferases 1A1 and 1A2 after oral exposure to furfuryl alcohol. <i>Mutagenesis</i> , 2015, 30, 643-649.	2.6	9
33	Glucosinolates Are Mainly Absorbed Intact in Germfree and Human Microbiota-Associated Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 8418-8428.	5.2	22
34	Sulfotransferases. , 2015, , 1-5.		0
35	Sulfotransferases. , 2015, , 4392-4396.		0
36	The carcinogen 1-methylpyrene forms benzylic DNA adducts in mouse and rat tissues in vivo via a reactive sulphuric acid ester. <i>Archives of Toxicology</i> , 2014, 88, 815-21.	4.2	23

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37	A secondary metabolite of Brassicales, 1-methoxy-3-indolylmethyl glucosinolate, as well as its degradation product, 1-methoxy-3-indolylmethyl alcohol, forms DNA adducts in the mouse, but in varying tissues and cells. Archives of Toxicology, 2014, 88, 823-36.	4.2	17
38	The effect of knockout of sulfotransferases 1a1 and 1d1 and of transgenic human sulfotransferases 1A1/1A2 on the formation of DNA adducts from furfuryl alcohol in mouse models. Carcinogenesis, 2014, 35, 2339-2345.	2.8	23
39	Formation of hepatic DNA adducts by methyleugenol in mouse models: drastic decrease by Sult1a1 knockout and strong increase by transgenic human SULT1A1/2. Carcinogenesis, 2014, 35, 935-941.	2.8	50
40	Sulfotransferase-independent genotoxicity of illudin S and its acylfulvene derivatives in bacterial and mammalian cells. Archives of Toxicology, 2014, 88, 161-169.	4.2	8
41	High mutagenic activity of juice from pak choi (Brassica rapa ssp. chinensis) sprouts due to its content of 1-methoxy-3-indolylmethyl glucosinolate, and its enhancement by elicitation with methyl jasmonate. Food and Chemical Toxicology, 2014, 67, 10-16.	3.6	36
42	Determination of Sulfotransferase Forms Involved in the Metabolic Activation of the Genotoxicant 1-Hydroxymethylpyrene Using Bacterially Expressed Enzymes and Genetically Modified Mouse Models. Chemical Research in Toxicology, 2014, 27, 1060-1069.	3.3	34
43	Identification and Quantification of Protein Adducts Formed by Metabolites of 1-Methoxy-3-indolylmethyl Glucosinolate <i>in Vitro</i> and in Mouse Models. Chemical Research in Toxicology, 2014, 27, 188-199.	3.3	14
44	Glucosinolates from pak choi and broccoli induce enzymes and inhibit inflammation and colon cancer differently. Food and Function, 2014, 5, 1073-1081.	4.6	70
45	Tox-Box: securing drops of life - an enhanced health-related approach for risk assessment of drinking water in Germany. Environmental Sciences Europe, 2013, 25, .	5.5	30
46	Genotypic Variation of the Glucosinolate Profile in Pak Choi (Brassica rapa ssp. <i>chinensis</i> ). Journal of Agricultural and Food Chemistry, 2013, 61, 1943-1953.	5.2	74
47	Optimized enzymatic hydrolysis of DNA for LC-MS/MS analyses of adducts of 1-methoxy-3-indolylmethyl glucosinolate and methyleugenol. Analytical Biochemistry, 2013, 434, 4-11.	2.4	27
48	Highly selective bioactivation of 1- and 2-hydroxy-3-methylcholanthrene to mutagens by individual human and other mammalian sulphotransferases expressed in Salmonella typhimurium. Mutagenesis, 2013, 28, 609-619.	2.6	15
49	Induced Production of 1-Methoxy-indol-3-ylmethyl Glucosinolate by Jasmonic Acid and Methyl Jasmonate in Sprouts and Leaves of Pak Choi (Brassica rapa ssp. chinensis). International Journal of Molecular Sciences, 2013, 14, 14996-15016.	4.1	67
50	Abundance of DNA adducts of methyleugenol, a rodent hepatocarcinogen, in human liver samples. Carcinogenesis, 2013, 34, 1025-1030.	2.8	50
51	Identification of human and murine sulfotransferases able to activate hydroxylated metabolites of methyleugenol to mutagens in Salmonella typhimurium and detection of associated DNA adducts using UPLC-MS/MS methods. Mutagenesis, 2012, 27, 453-462.	2.6	64
52	Hydroxymethyl-substituted furans: mutagenicity in Salmonella typhimurium strains engineered for expression of various human and rodent sulphotransferases. Mutagenesis, 2012, 27, 41-48.	2.6	51
53	Detection of DNA Adducts Originating from 1-Methoxy-3-indolylmethyl Glucosinolate Using Isotope-Dilution UPLC-ESI-MS/MS. Analytical Chemistry, 2012, 84, 6256-6262.	6.5	17
54	Mutagenicity of 5-Hydroxymethylfurfural in V79 Cells Expressing Human SULT1A1: Identification and Mass Spectrometric Quantification of DNA Adducts Formed. Chemical Research in Toxicology, 2012, 25, 1484-1492.	3.3	65

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55	Intestinal carcinogenesis of two food processing contaminants, 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine and 5-hydroxymethylfurfural, in transgenic FVB mice expressing human sulfotransferases. <i>Molecular Carcinogenesis</i> , 2012, 51, 984-992.	2.1	12
56	Study of 5-hydroxymethylfurfural and its metabolite 5-sulphoxymethylfurfural on induction of colonic aberrant crypt foci in wild-type mice and transgenic mice expressing human sulfotransferases 1A1 and 1A2. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 593-600.	3.3	14
57	Metabolism of Methyleugenol in Liver Microsomes and Primary Hepatocytes: Pattern of Metabolites, Cytotoxicity, and DNA-Adduct Formation. <i>Toxicological Sciences</i> , 2012, 129, 21-34.	3.1	40
58	Toxicity studies with 5-hydroxymethylfurfural and its metabolite 5-sulphoxymethylfurfural in wild-type mice and transgenic mice expressing human sulphotransferases 1A1 and 1A2. <i>Archives of Toxicology</i> , 2012, 86, 701-711.	4.2	41
59	First Chemical Synthesis and in Vitro Characterization of the Potential Human Metabolites 5-O-Feruloylquinic Acid 4-Sulfate and 4-O-Glucuronide. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 5671-5676.	5.2	13
60	1-Methoxy-3-indolylmethyl glucosinolate; a potent genotoxicant in bacterial and mammalian cells: Mechanisms of bioactivation. <i>Chemico-Biological Interactions</i> , 2011, 192, 81-86.	4.0	40
61	Identification of glucosinolate congeners able to form DNA adducts and to induce mutations upon activation by myrosinase. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 783-792.	3.3	50
62	Metabolic activation of furfuryl alcohol: formation of 2-methylfuranyl DNA adducts in <i>Salmonella typhimurium</i> strains expressing human sulfotransferase 1A1 and in FVB/N mice. <i>Carcinogenesis</i> , 2011, 32, 1533-1539.	2.8	45
63	Detection of genotoxicants in Brassicales using endogenous DNA as a surrogate target and adducts determined by 32P-postlabelling as an experimental end point. <i>Mutagenesis</i> , 2011, 26, 407-413.	2.6	27
64	Altered tissue distribution of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine-DNA adducts in mice transgenic for human sulfotransferases 1A1 and 1A2. <i>Carcinogenesis</i> , 2011, 32, 1734-1740.	2.8	29
65	Sulfotransferases. , 2011, , 3558-3561.		0
66	Human cytochrome P450 2E1 and sulfotransferase 1A1 coexpressed in Chinese hamster V79 cells enhance spontaneous mutagenesis. <i>Environmental and Molecular Mutagenesis</i> , 2010, 51, 23-30.	2.2	19
67	The Friedreich's ataxia protein frataxin modulates DNA base excision repair in prokaryotes and mammals. <i>Biochemical Journal</i> , 2010, 432, 165-172.	3.7	34
68	Constitutive expression of bioactivating enzymes in normal human prostate suggests a capability to activate pro-carcinogens to DNA-damaging metabolites. <i>Prostate</i> , 2010, 70, 1586-1599.	2.3	35
69	Breakdown products of neoglucobrassicin inhibit activation of Nrf2 target genes mediated by myrosinase-derived glucoraphanin hydrolysis products. <i>Biological Chemistry</i> , 2010, 391, 1281-93.	2.5	39
70	Phase II Metabolism of Hesperetin by Individual UDP-Glucuronosyltransferases and Sulfotransferases and Rat and Human Tissue Samples. <i>Drug Metabolism and Disposition</i> , 2010, 38, 617-625.	3.3	86
71	Comparison of murine and human estrogen sulfotransferase inhibition in vitro and in silico—Implications for differences in activity, subunit dimerization and substrate inhibition. <i>Molecular and Cellular Endocrinology</i> , 2010, 317, 127-140.	3.2	18
72	The Suggested Physiologic Aryl Hydrocarbon Receptor Activator and Cytochrome P4501 Substrate 6-Formylindolo[3,2-b]carbazole Is Present in Humans. <i>Journal of Biological Chemistry</i> , 2009, 284, 2690-2696.	3.4	239

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73	Impact of Gut Microbiota on Intestinal and Hepatic Levels of Phase 2 Xenobiotic-Metabolizing Enzymes in the Rat. <i>Drug Metabolism and Disposition</i> , 2009, 37, 1179-1186.	3.3	84
74	Renal organic anion transporters OAT1 and OAT3 mediate the cellular accumulation of 5-sulfooxymethylfurfural, a reactive, nephrotoxic metabolite of the Maillard product 5-hydroxymethylfurfural. <i>Biochemical Pharmacology</i> , 2009, 78, 414-419.	4.4	59
75	Probenecid, an inhibitor of transmembrane organic anion transporters, alters tissue distribution of DNA adducts in 1-hydroxymethylpyrene-treated rats. <i>Toxicology</i> , 2009, 262, 80-85.	4.2	26
76	Molecular evidence for an involvement of organic anion transporters (OATs) in aristolochic acid nephropathy. <i>Toxicology</i> , 2009, 264, 74-79.	4.2	68
77	Effect of pentachlorophenol and 2,6-dichloro-4-nitrophenol on the activity of cDNA-expressed human alcohol and aldehyde dehydrogenases. <i>Toxicology Letters</i> , 2009, 191, 360-364.	0.8	5
78	Conversion of the Common Food Constituent 5-Hydroxymethylfurfural into a Mutagenic and Carcinogenic Sulfuric Acid Ester in the Mouse in Vivo. <i>Chemical Research in Toxicology</i> , 2009, 22, 1123-1128.	3.3	85
79	5-Hydroxymethylfurfural and 5-sulfooxymethylfurfural increase adenoma and flat ACF number in the intestine of Min/+ mice. <i>Anticancer Research</i> , 2009, 29, 1921-6.	1.1	38
80	Oxidation of alcohols and reduction of aldehydes derived from methyl- and dimethylpyrenes by cDNA-expressed human alcohol dehydrogenases. <i>Toxicology</i> , 2008, 245, 65-75.	4.2	12
81	Consumption of Brussels sprouts protects peripheral human lymphocytes against 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) and oxidative DNA damage: results of a controlled human intervention trial. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 330-341.	1.1	50
82	Efficient oxidation of promutagenic hydroxymethylpyrenes by cDNA-expressed human alcohol dehydrogenase ADH2 and its inhibition by various agents. <i>Biochemical Pharmacology</i> , 2008, 75, 527-537.	4.4	9
83	Mutagenicity of N-nitrosodiethanolamine in a V79-derived cell line expressing two human biotransformation enzymes. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 643, 64-69.	1.0	23
84	Detoxification of promutagenic aldehydes derived from methylpyrenes by human aldehyde dehydrogenases ALDH2 and ALDH3A1. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 196-205.	3.0	22
85	SULT1C3, an orphan sequence of the human genome, encodes an enzyme activating various promutagens. <i>Food and Chemical Toxicology</i> , 2008, 46, 1249-1256.	3.6	20
86	Time Course of Hepatic 1-Methylpyrene DNA Adducts in Rats Determined by Isotope Dilution LC-MS/MS and <sup>32</sup> P-Postlabeling. <i>Chemical Research in Toxicology</i> , 2008, 21, 2017-2025.	3.3	36
87	Sulfotransferase Forms Expressed in Human Intestinal Caco-2 and TC7 Cells at Varying Stages of Differentiation and Role in Benzo[a]pyrene Metabolism. <i>Drug Metabolism and Disposition</i> , 2008, 36, 276-283.	3.3	72
88	Sulfotransferases. , 2008, , 2857-2861.		0
89	Directing Role of Organic Anion Transporters in the Excretion of Mercapturic Acids of Alkylated Polycyclic Aromatic Hydrocarbons. <i>Drug Metabolism and Disposition</i> , 2007, 35, 1824-1831.	3.3	11
90	Mutagenicity and DNA Adduct Formation by the Urban Air Pollutant 2-Nitrobenzanthrone. <i>Toxicological Sciences</i> , 2007, 98, 445-457.	3.1	42

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91	Cloning and Functional Characterization of Human Sodium-dependent Organic Anion Transporter (SLC10A6). Journal of Biological Chemistry, 2007, 282, 19728-19741.	3.4	82
92	Identification and localization of soluble sulfotransferases in the human gastrointestinal tract. Biochemical Journal, 2007, 404, 207-215.	3.7	151
93	Strategy for genotoxicity testingâ€”Metabolic considerations. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2007, 627, 59-77.	1.7	100
94	Determination of alkylated and methylene-bridged polycyclic aromatic hydrocarbons in environmental matrices. Toxicology Letters, 2006, 164, S180.	0.8	1
95	Mutagenicity of arbutin in mammalian cells after activation by human intestinal bacteria. Food and Chemical Toxicology, 2006, 44, 1940-1947.	3.6	81
96	Development and validation of a fluorescence HPLC-based screening assay for inhibition of human estrogen sulfotransferase. Analytical Biochemistry, 2006, 357, 85-92.	2.4	21
97	Human cytochrome P450 reductase can act as a source of endogenous oxidative DNA damage and genetic instability. Free Radical Biology and Medicine, 2006, 40, 801-807.	2.9	10
98	Human sulphotransferases are involved in the activation of aristolochic acids and are expressed in renal target tissue. International Journal of Cancer, 2006, 118, 1090-1097.	5.1	79
99	STRUCTURAL ELUCIDATION OF HYDROXYLATED METABOLITES OF THE ISOFLAVAN EQUOL BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY AND HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY-MASS SPECTROMETRY. Drug Metabolism and Disposition, 2006, 34, 51-60.	3.3	50
100	Uptake of Chemically Reactive, DNA-Damaging Sulfuric Acid Esters into Renal Cells by Human Organic Anion Transporters. Journal of the American Society of Nephrology: JASN, 2006, 17, 1414-1421.	6.1	34
101	Biomarkers of Exposure, Effect, and Susceptibility in Workers Exposed to Nitrotoluenes. Cancer Epidemiology Biomarkers and Prevention, 2006, 15, 559-566.	2.5	36
102	Dietary resistant starch type 3 prevents tumor induction by 1,2-dimethylhydrazine and alters proliferation, apoptosis and dedifferentiation in rat colon. Carcinogenesis, 2006, 27, 1849-1859.	2.8	101
103	N-Acetyltransferase and sulfotransferase activity in human prostate: potential for carcinogen activation. Pharmacogenetics and Genomics, 2006, 16, 391-399.	1.5	16
104	Indicator Assays for Polycyclic Aromatic Hydrocarbon-Induced Genotoxicity. , 2005, , 283-314.		3
105	Polymorphisms in sulfotransferases SULT1A1 and SULT1A2 are not related to colorectal cancer. International Journal of Cancer, 2005, 113, 683-686.	5.1	25
106	Sulfotransferases and Acetyltransferases in Mutagenicity Testing: Technical Aspects. Methods in Enzymology, 2005, 400, 230-249.	1.0	30
107	V79-hCYP2E1-hSULT1A1, a cell line for the sensitive detection of genotoxic effects induced by carbohydrate pyrolysis products and other food-borne chemicals. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 580, 41-52.	1.7	128
108	Activation and Inactivation of Carcinogens and Mutagens by Human Sulfotransferases. , 2005, , 279-304.		6



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109	Risk of Colorectal Adenomas in Relation to Meat Consumption, Meat Preparation, and Genetic Susceptibility in a Dutch Population. <i>Cancer Causes and Control</i> , 2004, 15, 225-236.	1.8	63
110	Pharmacogenetics of soluble sulfotransferases (SULTs). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2004, 369, 55-68.	3.0	120
111	Effect of SULT1A1 and NAT2 genetic polymorphism on the association between cigarette smoking and colorectal adenomas. <i>International Journal of Cancer</i> , 2004, 108, 97-103.	5.1	56
112	Sulpho-conjugation of ethanol in humans in vivo and by individual sulphotransferase forms in vitro. <i>Biochemical Journal</i> , 2004, 383, 543-549.	3.7	51
113	Vitamin E activates gene expression via the pregnane X receptor. <i>Biochemical Pharmacology</i> , 2003, 65, 269-273.	4.4	213
114	Activation of 3-nitrobenzanthrone and its metabolites by human acetyltransferases, sulfotransferases and cytochrome P450 expressed in Chinese hamster V79 cells. <i>International Journal of Cancer</i> , 2003, 105, 583-592.	5.1	75
115	Extractionless method for the determination of urinary caffeine metabolites using high-performance liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 789, 227-237.	2.3	47
116	Bioactivation of the heterocyclic aromatic amine 2-amino-3-methyl-9H-pyrido [2,3-b]indole (MeA <sup>+</sup> ) in recombinant test systems expressing human xenobiotic-metabolizing enzymes. <i>Carcinogenesis</i> , 2003, 25, 801-807.	2.8	58
117	Use of genetically manipulated <i>Salmonella typhimurium</i> strains to evaluate the role of sulfotransferases and acetyltransferases in nitrofen mutagenicity. <i>Carcinogenesis</i> , 2003, 25, 779-786.	2.8	29
118	Characterization of rat iodothyronine sulfotransferases. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E592-E598.	3.5	34
119	Ethanol Enhances the Activation of 1-Hydroxymethylpyrene to DNA Adduct-Forming Species in the Rat. <i>Polycyclic Aromatic Compounds</i> , 2002, 22, 933-946.	2.6	18
120	Metabolic activation of the environmental contaminant 3-nitrobenzanthrone by human acetyltransferases and sulfotransferase. <i>Carcinogenesis</i> , 2002, 23, 1937-1945.	2.8	112
121	Stable expression of rat sulfotransferase 1B1 in V79 cells: activation of benzylic alcohols to mutagens. <i>Carcinogenesis</i> , 2002, 23, 1877-1884.	2.8	11
122	Activation of Polycyclic Aromatic Compounds by cDNA-Expressed Phase I and Phase II Enzymes. <i>Polycyclic Aromatic Compounds</i> , 2002, 22, 955-967.	2.6	9
123	Potent Inhibition of Estrogen Sulfotransferase by Hydroxylated Metabolites of Polyhalogenated Aromatic Hydrocarbons Reveals Alternative Mechanism for Estrogenic Activity of Endocrine Disrupters. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 1142-1150.	3.6	142
124	Differential activation of promutagens by alloenzymes of human sulfotransferase 1A2 expressed in <i>Salmonella typhimurium</i> . <i>Pharmacogenetics and Genomics</i> , 2002, 12, 677-689.	5.7	58
125	Sulphotransferases. , 2002, , 353-439.		26
126	Conjugation of 4-nitrophenol and 4-hydroxylonazolac in V79-derived cells expressing individual forms of human sulphotransferases. <i>Environmental Toxicology and Pharmacology</i> , 2002, 11, 243-250.	4.0	6



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127	Ethanol Enhances the Activation of 1-Hydroxymethylpyrene to DNA Adduct-Forming Species in the Rat. Polycyclic Aromatic Compounds, 2002, 22, 933-946.	2.6	6
128	Activation of Polycyclic Aromatic Compounds by cDNA-Expressed Phase I and Phase II Enzymes. Polycyclic Aromatic Compounds, 2002, 22, 955-967.	2.6	2
129	Structure and Localization of the Human SULT1B1 Gene: Neighborhood to SULT1E1 and a SULT1D Pseudogene. Biochemical and Biophysical Research Communications, 2001, 288, 855-862.	2.1	28
130	N-Acetyltransferases, sulfotransferases and heterocyclic amine activation in the breast. Pharmacogenetics and Genomics, 2001, 11, 373-388.	5.7	44
131	Human cytosolic sulphotransferases: genetics, characteristics, toxicological aspects. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 482, 27-40.	1.0	211
132	Detection of Mercapturic Acids and Nucleoside Adducts in Blood, Urine and Feces of Rats Treated with Metabolites of Methylpyrene. Polycyclic Aromatic Compounds, 2000, 21, 135-149.	2.6	7
133	Association between functional genetic polymorphisms of human sulfotransferases 1A1 and 1A2. Pharmacogenetics and Genomics, 2000, 10, 163-169.	5.7	66
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