# Ricarda Thier

List of Publications by Year
in descending order

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Version: 2024-02-01

| 42 | 2,042 | 218677 | 265206 |
|---|---|---|---|
| papers | citations | 26 h-index | 42 g-index |

| 44 | 44 | 44 | 1769 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The cytochrome P-450 isoenzyme CYP2E1 in the biological processing of industrial chemicals: consequences for occupational and environmental medicine. International Archives of Occupational and Environmental Health, 2003, 76, 174-185. | 2.3 | 181 |
| 2 | DNA Adduction by the Potent Carcinogen Aflatoxin B1: Mechanistic Studies. Journal of the American Chemical Society, 1994, 116, 1603-1609. | 13.7 | 179 |
| 3 | Markers of genetic susceptibility in human environmental hygiene and toxicology: The role of selected CYP, NAT and GST genes. International Journal of Hygiene and Environmental Health, 2003, 206, 149-171. | 4.3 | 147 |
| 4 | SHORT COMMUNICATION: Human glutathione S-transferase T1â€“1 enhances mutagenicity of 1, 2-dibromoethane, dibromomethane and 1,2,3,4-diepoxybutane in Salmonella typhimurium. Carcinogenesis, 1996, 17, 163-166. | 2.8 | 111 |
| 5 | Glutathione transferase isozyme genotypes in patients with prostate and bladder carcinoma. Archives of Toxicology, 2000, 74, 521-526. | 4.2 | 100 |
| 6 | Influence of polymorphisms of GSTM1 and GSTT1 for risk of renal cell cancer in workers with long-term high occupational exposure to trichloroethene. Archives of Toxicology, 1997, 71, 596-599. | 4.2 | 83 |
| 7 | Genotoxicity of inorganic mercury salts based on disturbed microtubule function. Archives of Toxicology, 2004, 78, 575-583. | 4.2 | 83 |
| 8 | Enhancement of the chemoprotective enzymes glucuronosyl transferase and glutathione transferase in specific organs of the rat by the coffee components kahweol and cafestol. Archives of Toxicology, 2002, 76, 209-217. | 4.2 | 82 |
| 9 | Conjugation of carcinogens by 9 class glutathione S-transferases: mechanisms and relevance to variations in human risk. Pharmacogenetics and Genomics, 1995, 5, S103-S107. | 5.7 | 74 |
| 10 | Head and Neck Squamous-Cell Cancer and its Association with Polymorphic Enzymes of Xenobiotic Metabolism and Repair. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2008, 71, 887-897. | 2.3 | 71 |
| 11 | Enhancement of Bacterial Mutagenicity of Bifunctional Alkylating Agents by Expression of Mammalian Glutathione S-Transferase. Chemical Research in Toxicology, 1995, 8, 465-472. | 3.3 | 64 |
| 12 | Genotoxicity of inorganic lead salts and disturbance of microtubule function. Environmental and Molecular Mutagenesis, 2005, 45, 346-353. | 2.2 | 58 |
| 13 | Species differences in the glutathione transferase GSTT1-1 activity towards the model substrates methyl chloride and dichloromethane in liver and kidney. Archives of Toxicology, 1998, 72, 622-629. | 4.2 | 57 |
| 14 | Cytochrome P450 1B1, a new keystone in gene-environment interactions related to human head and neck cancer?. Archives of Toxicology, 2002, 76, 249-256. | 4.2 | 54 |
| 15 | Chromosomal genotoxicity of nitrobenzene and benzonitrile. Archives of Toxicology, 2004, 78, 49-57. | 4.2 | 53 |
| 16 | Haemoglobin adducts of acrylonitrile and ethylene oxide in acrylonitrile workers, dependent on polymorphisms of the glutathione transferases GSTT1 and GSTM1. Archives of Toxicology, 1999, 73, 197-202. | 4.2 | 50 |
| 17 | Species differences in acrylonitrile metabolism and toxicity between experimental animals and humans based on observations in human accidental poisonings. Archives of Toxicology, 2000, 74, 184-189. | 4.2 | 49 |
| 18 | Disturbed microtubule function and induction of micronuclei by chelate complexes of mercury(II). Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 563, 97-106. | 1.7 | 45 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Conjugation of Haloalkanes by Bacterial and Mammalian Glutathione Transferases:â€‰ Mono- and Dihalomethanes. Chemical Research in Toxicology, 2001, 14, 1118-1127. | 3.3 | 43 |
| 20 | Occurrence of Urinary Tract Tumors in Miners Highly Exposed to Dinitrotoluene. Journal of Occupational and Environmental Medicine, 1999, 41, 144-149. | 1.7 | 42 |
| 21 | Genetic susceptibility to environmental toxicants: the interface between human and experimental studies in the development of new toxicological concepts. Toxicology Letters, 2002, 127, 321-327. | 0.8 | 38 |
| 22 | A new Salmonella typhimurium NM5004 strain expressing rat glutathione S-transferase 5â€“5: use in detection of genotoxicity of dihaloalkanes using an SOS/umu test system. Carcinogenesis, 1996, 17, 297-302. | 2.8 | 37 |
| 23 | Glutathione transferase T1 and M1 genotype polymorphism in the normal population of Shanghai. Archives of Toxicology, 1998, 72, 456-458. | 4.2 | 37 |
| 24 | Combining passive sampling and toxicity testing for evaluation of mixtures of polar organic chemicals in sewage treatment plant effluent. Journal of Environmental Monitoring, 2007, 9, 105-110. | 2.1 | 37 |
| 25 | Biological monitoring and Biological Limit Values (BLV): The strategy of the European Union. Toxicology Letters, 2006, 162, 119-124. | 0.8 | 33 |
| 26 | Melatonin synthesis: A possible indicator of intolerance to shiftwork. American Journal of Industrial Medicine, 2002, 42, 427-436. | 2.1 | 28 |
| 27 | Influence of polymorphisms of the human glutathione transferases and cytochrome P450 2E1 enzyme on the metabolism and toxicity of ethylene oxide and acrylonitrile. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 482, 41-46. | 1.0 | 25 |
| 28 | Nephrotoxicity and Nephrocarcinogenicity of Dinitrotoluene: New Aspects to be Considered. Reviews on Environmental Health, 2002, 17, 163-72. | 2.4 | 19 |
| 29 | Possible impact of human CYP2E1 polymorphisms on the metabolism of acrylonitrile. Toxicology Letters, 2002, 128, 249-255. | 0.8 | 19 |
| 30 | Hydrolysis of genotoxic methylâ€substituted oxiranes: Experimental kinetic and semiempirical studies. Environmental Toxicology and Chemistry, 1998, 17, 2141-2147. | 4.3 | 17 |
| 31 | Differential substrate behaviours of ethylene oxide and propylene oxide towards human glutathione transferase theta hGSTT1-1. Archives of Toxicology, 1999, 73, 489-492. | 4.2 | 15 |
| 32 | Glutathione transferase activities in renal carcinomas and adjacent normal renal tissues: factors influencing renal carcinogenesis induced by xenobiotics. Archives of Toxicology, 2001, 74, 688-694. | 4.2 | 15 |
| 33 | Determination of glutathione transferase (GSTT1-1) activities in different tissues based on formation of radioactive metabolites using 35 S-glutathione. Archives of Toxicology, 1998, 72, 811-815. | 4.2 | 13 |
| 34 | Pathological Excretion Patterns of Urinary Proteins in Miners Highly Exposed to Dinitrotoluene. Journal of Occupational and Environmental Medicine, 2001, 43, 610-615. | 1.7 | 13 |
| 35 | Biological monitoring in workers in a nitrobenzene reduction plant: haemoglobin versus serum albumin adducts. International Archives of Occupational and Environmental Health, 2001, 74, 483-488. | 2.3 | 13 |
| 36 | Determination of urinary thymidine glycol using affinity chromatography, HPLC and post-column reaction detection: a biomarker of oxidative DNA damage upon kidney transplantation. Archives of Toxicology, 1999, 73, 479-484. | 4.2 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Activation of Toxic Chemicals by Cytochrome P450 Enzymes. Advances in Experimental Medicine and Biology, 1996, 387, 7-15. | 1.6 | 11 |
| 38 | Re-evaluation of the effect of smoking on the methylation of N -terminal valine in haemoglobin. Archives of Toxicology, 2001, 75, 270-273. | 4.2 | 10 |
| 39 | Comparison of GST Theta Activity in Liver and Kidney of Four Species. Archives of Toxicology Supplement, 1998, 20, 471-474. | 0.7 | 9 |
| 40 | Identification of theta-class glutathione S-transferase in liver cytosol of the marmoset monkey. Archives of Toxicology, 2000, 74, 133-138. | 4.2 | 6 |
| 41 | STAR: predicting recombination sites from amino acid sequence. BMC Bioinformatics, 2006, 7, 437. | 2.6 | 6 |
| 42 | Psychological effects upon exposure to polyhalogenated dibenzodioxins and dibenzofurans. Chemosphere, 2000, 40, 1271-1275. | 8.2 | 3 |