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List of Publications by Year
in descending order

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70	6,331	172457	95266
papers	citations	29 h-index	68 g-index

70	70	70	5123
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Detection of Benzo[a]pyrene Diol Epoxide Adducts to Histidine and Lysine in Serum Albumin In Vivo by High-Resolution-Tandem Mass Spectrometry. Toxics, 2022, 10, 27.	3.7	2
2	Hemoglobin adducts of acrylamide in human blood â€“ What has been done and what is next?. Food and Chemical Toxicology, 2022, 161, 112799.	3.6	21
3	Novel 4-Hydroxybenzyl Adducts in Human Hemoglobin: Structures and Mechanisms of Formation. Chemical Research in Toxicology, 2021, 34, 1769-1781.	3.3	4
4	A Review of Dietary Intake of Acrylamide in Humans. Toxics, 2021, 9, 155.	3.7	48
5	Serum albumin adducts, DNA adducts and micronuclei frequency measured in benzo[a]pyrene-exposed mice for estimation of genotoxic potency. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 849, 503127.	1.7	12
6	Characterizing Adduct Formation of Electrophilic Skin Allergens with Human Serum Albumin and Hemoglobin. Chemical Research in Toxicology, 2020, 33, 2623-2636.	3.3	13
7	Cancer risk estimation of glycidol based on rodent carcinogenicity studies, a multiplicative risk model and in vivo dosimetry. Food and Chemical Toxicology, 2019, 128, 54-60.	3.6	8
8	Protein Adductomics: Methodologies for Untargeted Screening of Adducts to Serum Albumin and Hemoglobin in Human Blood Samples. High-Throughput, 2019, 8, 6.	4.4	42
9	Internal Doses of Glycidol in Children and Estimation of Associated Cancer Risk. Toxics, 2019, 7, 7.	3.7	15
10	Maternal diet during pregnancy and micronuclei frequency in peripheral blood T lymphocytes in mothers and newborns (Rhea cohort, Crete). European Journal of Nutrition, 2018, 57, 209-218.	3.9	13
11	Discovery of Novel N-(4-Hydroxybenzyl)valine Hemoglobin Adducts in Human Blood. Chemical Research in Toxicology, 2018, 31, 1305-1314.	3.3	12
12	The polymorphism rs2480258 within CYP2E1 is associated with different rates of acrylamide metabolism in vivo in humans. Archives of Toxicology, 2018, 92, 2137-2140.	4.2	8
13	Adductomic Screening of Hemoglobin Adducts and Monitoring of Micronuclei in School-Age Children. Chemical Research in Toxicology, 2017, 30, 1157-1167.	3.3	25
14	The genotoxic potency of glycidol established from micronucleus frequency and hemoglobin adduct levels in mice. Food and Chemical Toxicology, 2017, 100, 168-174.	3.6	19
15	Measurement of micronuclei and internal dose in mice demonstrates that 3-monochloropropane-1,2-diol (3-MCPD) has no genotoxic potency inÂvivo. Food and Chemical Toxicology, 2017, 109, 414-420.	3.6	14
16	An Adductomic Approach to Identify Electrophiles In Vivo. Basic and Clinical Pharmacology and Toxicology, 2017, 121, 44-54.	2.5	26
17	Parallelogram based approach for in vivo dose estimation of genotoxic metabolites in humans with relevance to reduction of animal experiments. Scientific Reports, 2017, 7, 17560.	3.3	10
18	Interaction of benzo[a]pyrene diol epoxide isomers with human serum albumin: Site specific characterisation of adducts and associated kinetics. Scientific Reports, 2016, 6, 36243.	3.3	10

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19	Strategy for identifying unknown hemoglobin adducts using adductome LC-MS/MS data: Identification of adducts corresponding to acrylic acid, glyoxal, methylglyoxal, and 1-octen-3-one. Food and Chemical Toxicology, 2016, 92, 94-103.	3.6	27
20	Peptide Reactivity of Isothiocyanates â€“ Implications for Skin Allergy. Scientific Reports, 2016, 6, 21203.	3.3	22
21	Quantification of the mutagenic potency and repair of glycidol-induced DNA lesions. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2016, 805, 38-45.	1.7	10
22	Characterization of a Hemoglobin Adduct from Ethyl Vinyl Ketone Detected in Human Blood Samples. Chemical Research in Toxicology, 2015, 28, 2120-2129.	3.3	16
23	Differences in micronucleus frequency and acrylamide adduct levels with hemoglobin between vegetarians and non-vegetarians. European Journal of Nutrition, 2015, 54, 1181-1190.	3.9	20
24	Adduct levels from benzo[a]pyrenediol epoxide: Relative formation to histidine in serum albumin and to deoxyguanosine in DNA in vitro and in vivo in mice measured by LC/MSâ€“MS methods. Toxicology Letters, 2015, 232, 28-36.	0.8	17
25	Micronuclei in Cord Blood Lymphocytes and Associations with Biomarkers of Exposure to Carcinogens and Hormonally Active Factors, Gene Polymorphisms, and Gene Expression: The NewGeneris Cohort. Environmental Health Perspectives, 2014, 122, 193-200.	6.0	25
26	Conditions for sample preparation and quantitative HPLC/MS-MS analysis of bulky adducts to serum albumin with diolepoxides of polycyclic aromatic hydrocarbons as models. Analytical and Bioanalytical Chemistry, 2014, 406, 1519-1530.	3.7	10
27	LCâ€“MS/MS Screening Strategy for Unknown Adducts to N-Terminal Valine in Hemoglobin Applied to Smokers and Nonsmokers. Chemical Research in Toxicology, 2014, 27, 2062-2070.	3.3	47
28	In vivo doses of butadiene epoxides as estimated from in vitro enzyme kinetics by using cob(I)alamin and measured hemoglobin adducts: An inter-species extrapolation approach. Toxicology and Applied Pharmacology, 2014, 281, 276-284.	2.8	10
29	Characterization of glycidol-hemoglobin adducts as biomarkers of exposure and in vivo dose. Toxicology and Applied Pharmacology, 2014, 275, 213-220.	2.8	23
30	Dietary Acrylamide Intake during Pregnancy and Fetal Growthâ€”Results from the Norwegian Mother and Child Cohort Study (MoBa). Environmental Health Perspectives, 2013, 121, 374-379.	6.0	76
31	Birth Weight, Head Circumference, and Prenatal Exposure to Acrylamide from Maternal Diet: The European Prospective Motherâ€“Child Study (NewGeneris). Environmental Health Perspectives, 2012, 120, 1739-1745.	6.0	95
32	Hemoglobin adducts as a measure of variations in exposure to acrylamide in food and comparison to questionnaire data. Food and Chemical Toxicology, 2012, 50, 2531-2539.	3.6	38
33	Analysis of Hemoglobin Adducts from Acrylamide, Glycidamide, and Ethylene Oxide in Paired Mother/Cord Blood Samples from Denmark. Chemical Research in Toxicology, 2011, 24, 1957-1965.	3.3	74
34	Quantitative analysis by liquid chromatographyâ€“tandem mass spectrometry of glycidamide using the cob(I)alamin trapping method: Validation and application to in vitro metabolism of acrylamide. Journal of Chromatography A, 2011, 1218, 4389-4394.	3.7	13
35	In Vivo Doses of Acrylamide and Glycidamide in Humans after Intake of Acrylamide-Rich Food. Toxicological Sciences, 2011, 119, 41-49.	3.1	46
36	A new modified Edman procedure for analysis of N-terminal valine adducts in hemoglobin by LCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2483-2490.	2.3	52

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37	Methyl vinyl ketoneâ€"Identification and quantification of adducts to N-terminal valine in human hemoglobin. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 2491-2496.	2.3	10
38	Alcohol influence on acrylamide to glycidamide metabolism assessed with hemoglobin-adducts and questionnaire data. Food and Chemical Toxicology, 2010, 48, 820-824.	3.6	23
39	Chronic intake of potato chips in humans increases the production of reactive oxygen radicals by leukocytes and increases plasma C-reactive protein: a pilot study. American Journal of Clinical Nutrition, 2009, 89, 773-777.	4.7	85
40	Acrylamide exposure measured by food frequency questionnaire and hemoglobin adduct levels and prostate cancer risk in the Cancer of the Prostate in Sweden Study. International Journal of Cancer, 2009, 124, 2384-2390.	5.1	50
41	Validation of a food frequency questionnaire measurement of dietary acrylamide intake using hemoglobin adducts of acrylamide and glycidamide. Cancer Causes and Control, 2009, 20, 269-278.	1.8	62
42	Both replication bypass fidelity and repair efficiency influence the yield of mutations per target dose in intact mammalian cells induced by benzo[a]pyrene-diol-epoxide and dibenzo[a,l]pyrene-diol-epoxide. DNA Repair, 2008, 7, 1202-1212.	2.8	35
43	Differences in the frequency of micronucleated erythrocytes in humans in relation to consumption of fried carbohydrate-rich food. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 653, 50-56.	1.7	28
44	Evaluation of Cancer Tests of 1,3-Butadiene Using Internal Dose, Genotoxic Potency, and a Multiplicative Risk Model. Cancer Research, 2008, 68, 8014-8021.	0.9	35
45	Approach for Cancer Risk Estimation of Acrylamide in Food on the Basis of Animal Cancer Tests and in Vivo Dosimetry. Journal of Agricultural and Food Chemistry, 2008, 56, 6004-6012.	5.2	21
46	Measurement of evaporated acrylamide during heat treatment of food and other biological materials. LWT - Food Science and Technology, 2007, 40, 706-712.	5.2	13
47	Hemoglobin adducts in the assessment of potential occupational exposure to acrylamidesâ€"three case studies. Scandinavian Journal of Work, Environment and Health, 2006, 32, 154-159.	3.4	11
48	Differences in hemoglobin adduct levels of acrylamide in the general population with respect to dietary intake, smoking habits and gender. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2005, 580, 157-165.	1.7	94
49	Acrylamide in Food: The Discovery and Its Implications. , 2005, 561, 1-19.		50
50	Effects on the peripheral nervous system of tunnel workers exposed to acrylamide and N-methylolacrylamide. Scandinavian Journal of Work, Environment and Health, 2004, 30, 21-29.	3.4	48
51	Hemoglobin adducts from glycidamide: acetonization of hydrophilic groups for reproducible gas chromatography/tandem mass spectrometric analysis. Rapid Communications in Mass Spectrometry, 2003, 17, 1859-1865.	1.5	57
52	Induction of micronuclei in mouse and rat by glycidamide, genotoxic metabolite of acrylamide. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 535, 15-24.	1.7	95
53	Introduction of cob(I)alamin as an analytical tool: application to reaction-kinetic studies of oxiranes. Toxicological and Environmental Chemistry, 2003, 85, 81-94.	1.2	15
54	Who Knows Whether Acrylamide in Food Is Hazardous to Humans?. Journal of the National Cancer Institute, 2003, 95, 842-843.	6.3	27

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55	Acrylamide in food: mechanisms of formation and influencing factors during heating of foods. Scandinavian Journal of Nutrition, 2002, 46, 159-172.	0.2	99
56	Applicability of a Modified Edman Procedure for Measurement of Protein Adducts:Â Mechanisms of Formation and Degradation of Phenylthiohydantoins. Chemical Research in Toxicology, 2002, 15, 570-581.	3.3	29
57	Cancer risk assessment, indicators, and guidelines for polycyclic aromatic hydrocarbons in the ambient air.. Environmental Health Perspectives, 2002, 110, 451-488.	6.0	962
58	Analysis of Acrylamide, a Carcinogen Formed in Heated Foodstuffs. Journal of Agricultural and Food Chemistry, 2002, 50, 4998-5006.	5.2	1,829
59	Cancer Risk Assessment, Indicators, and Guidelines for Polycyclic Aromatic Hydrocarbons in the Ambient Air. Environmental Health Perspectives, 2002, 110, 451-489.	6.0	1,047
60	Determination of hydroxyalkyl derivatives of cobalamin (vitamin B12) using reversed phase high performance liquid chromatography with electrospray tandem mass spectrometry and ultraviolet diode array detection. Rapid Communications in Mass Spectrometry, 2001, 15, 2438-2445.	1.5	19
61	Health effects of occupational exposure to acrylamide using hemoglobin adducts as biomarkers of internal dose. Scandinavian Journal of Work, Environment and Health, 2001, 27, 219-226.	3.4	217
62	Transalkylation of Phosphotriesters Using Cob(I)alamin:â€‰ Toward Specific Determination of DNAâ˜Phosphate Adducts. Chemical Research in Toxicology, 2000, 13, 253-256.	3.3	23
63	Cancer Risk Estimation of Genotoxic Chemicals Based on Target Dose and a Multiplicative Model. Risk Analysis, 1999, 19, 309-320.	2.7	44
64	Cancer risk estimation of genotoxic chemicals based on target dose and a multiplicative model. Risk Analysis, 1999, 19, 309-320.	2.7	32
65	Methylations in hemoglobin from monozygotic twins discordant for cigarette smoking: Hereditary and tobacco-related factors. Chemico-Biological Interactions, 1992, 82, 91-98.	4.0	36
66	Genotoxic effects of ethylene oxide and propylene oxide: a comparative study. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 250, 229-237.	1.0	46
67	Unsaturated lipids and intestinal bacteria as sources of endogenous production of ethene and ethylene oxide. Carcinogenesis, 1989, 10, 39-41.	2.8	88
68	Methylations in human hemoglobin. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1988, 204, 521-529.	1.2	45
69	Modified Edman degradation applied to hemoglobin for monitoring occupational exposure to alkylating agents. Toxicological and Environmental Chemistry, 1986, 11, 215-231.	1.2	128
70	Hemoglobin as a Dose Monitor of Alkylating Agents Determination of Alkylation Products of N-Terminal Valine. , 1984, , 315-320.		5