Yang Luan

List of Publications by Year
in descending order

29 papers	380 citations	759233 12 h-index	839539 18 g-index
30 all docs	30 docs citations	30 times ranked	459 citing authors

#	Article	IF	Citations
1	Metabolomics coupled with pathway analysis characterizes metabolic changes in response to BDE-3 induced reproductive toxicity in mice. Scientific Reports, 2018, 8, 5423.	3.3	38
2	Ambient particulate matter compositions and increased oxidative stress: Exposure-response analysis among high-level exposed population. Environment International, 2021, 147, 106341.	10.0	37
3	Comparison of the mutagenicity of aristolochic acid I and aristolochic acid II in the gpt delta transgenic mouse kidney. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 743, 52-58.	1.7	25
4	2,2â€²,4,4â€²-tetrabromodiphenyl ether induces germ cell apoptosis through oxidative stress by a MAPK-mediated p53-independent pathway. Environmental Pollution, 2018, 242, 887-893.	7.5	21
5	Genotoxic effects of imidacloprid in human lymphoblastoid TK6 cells. Drug and Chemical Toxicology, 2020, 43, 208-212.	2.3	20
6	A population study using the human erythrocyte PIGâ€A assay. Environmental and Molecular Mutagenesis, 2016, 57, 605-614.	2.2	17
7	Inhibition of hepatic cytochrome P450 enzymes and sodium/bile acid cotransporter exacerbates leflunomide-induced hepatotoxicity. Acta Pharmacologica Sinica, 2016, 37, 415-424.	6.1	17
8	PIGâ€A gene mutation as a genotoxicity biomarker in human population studies: An investigation in leadâ€exposed workers. Environmental and Molecular Mutagenesis, 2020, 61, 611-621.	2.2	16
9	Integrated Proteomic and Metabolomic Analysis of the Testes Characterizes BDE-47-Induced Reproductive Toxicity in Mice. Biomolecules, 2021, 11, 821.	4.0	15
10	Detection of genome-wide low-frequency mutations with Paired-End and Complementary Consensus Sequencing (PECC-Seq) revealed end-repair-derived artifacts as residual errors. Archives of Toxicology, 2020, 94, 3475-3485.	4.2	14
11	4-Bromodiphenyl Ether Induces Germ Cell Apoptosis by Induction of ROS and DNA Damage in Caenorhabditis elegans. Toxicological Sciences, 2017, 157, 510-518.	3.1	12
12	The potential application of human PIGâ€A assay on azathioprineâ€treated inflammatory bowel disease patients. Environmental and Molecular Mutagenesis, 2020, 61, 456-464.	2.2	12
13	Detoxification of benzo[a]pyrene primarily depends on cytochrome P450, while bioactivation involves additional oxidoreductases including 5â€lipoxygenase, cyclooxygenase, and aldoâ€keto reductase in the liver. Journal of Biochemical and Molecular Toxicology, 2017, 31, N/A.	3.0	11
14	Distribution of the parent compound and its metabolites in serum, urine, and feces of mice administered 2,2â€²,4,4â€²-tetrabromodiphenyl ether. Chemosphere, 2019, 225, 217-225.	8.2	10
15	Mutagenic Effects of Perfluorooctanesulfonic Acid in gpt Delta Transgenic System Are Mediated by Hydrogen Peroxide. Environmental Science & Technology, 2015, 49, 6294-6303.	10.0	8
16	Role of hepatic cytochrome P450 enzymes in the detoxication of aristolochic acid I; effects on DNA adduct, mutation, and tumor formation. Genes and Environment, 2015, 37, 11.	2.1	8
17	Assessment of Pigâ€a , Micronucleus, and Comet Assay Endpoints in Tg.RasH2 Mice Carcinogenicity Study of Aristolochic Acid I. Environmental and Molecular Mutagenesis, 2020, 61, 266-275.	2.2	8
18	An Adaption of Human-Induced Hepatocytes to In Vitro Genetic Toxicity Tests. Mutagenesis, 2019, 34, 165-171.	2.6	7

#	Article	IF	Citations
19	Associations of blood lead levels with multiple genotoxic biomarkers among workers in China: A population-based study. Environmental Pollution, 2021, 273, 116181.	7.5	7
20	Gene mutation and micronucleus assays in gpt delta mice treated with 2,2â€²,4,4â€²-tetrabromodiphenyl ether. Mutagenesis, 2018, 33, 153-160.	2.6	6
21	Doseâ€“response genotoxicity of triclosan in mice: an estimate of acceptable daily intake based on organ toxicity. Toxicology Research, 2021, 10, 1153-1161.	2.1	6
22	PIG-A gene mutation as a genotoxicity biomarker in polycyclic aromatic hydrocarbon-exposed barbecue workers. Genes and Environment, 2021, 43, 54.	2.1	6
23	Bioactivation of 1-chloro-2-hydroxy-3-butene, an in vitro metabolite of 1,3-butadiene, by rat liver microsomes. Chemico-Biological Interactions, 2018, 282, 36-44.	4.0	5
24	Benchmark dose analysis of multiple genotoxicity endpoints in gpt delta mice exposed to aristolochic acid I. Mutagenesis, 2021, 36, 87-94.	2.6	5
25	Aristolochic acid IVa forms DNA adducts in vitro but is non-genotoxic in vivo. Archives of Toxicology, 2021, 95, 2839-2850.	4.2	4
26	Isotope dilution LC/ESIâ^'-MS-MS quantitation of urinary 1,4-bis(N-acetyl-S-cysteinyl)-2-butanone in mice and rats as the biomarker of 1-chloro-2-hydroxy-3-butene, an in vitro metabolite of 1,3-butadiene. Chemico-Biological Interactions, 2019, 311, 108760.	4.0	3
27	Genotoxicity testing and recent advances. Genome Instability & Disease, 2022, 3, 1-21.	1.1	3
28	Is it really the â€œdark sideâ€•of herbal medicine?. Science China Life Sciences, 2018, 61, 1118-1119.	4.9	0
29	Nature of spontaneously arising single base substitutions in normal cells. Genome Instability & Disease, 2021, 2, 339.	1.1	0