Esra Mutlu

List of Publications by Year
in descending order

39 papers	559 citations	623734 14 h-index	642732 23 g-index
39 all docs	39 docs citations	39 times ranked	886 citing authors

#	Article	IF	Citations
1	The endogenous exposome. DNA Repair, 2014, 19, 3-13.	2.8	81
2	Mutagenicity and Pollutant Emission Factors of Solid-Fuel Cookstoves: Comparison with Other Combustion Sources. Environmental Health Perspectives, 2016, 124, 974-982.	6.0	46
3	Evaluation of 5-day In Vivo Rat Liver and Kidney With High-throughput Transcriptomics for Estimating Benchmark Doses of Apical Outcomes. Toxicological Sciences, 2020, 176, 343-354.	3.1	45
4	Development of an Ultraperformance Liquid Chromatography/Mass Spectrometry Method To Quantify Cisplatin 1,2 Intrastrand Guanineâ^'Guanine Adducts. Chemical Research in Toxicology, 2009, 22, 905-912.	3.3	32
5	Trapping of benzene oxide-oxepin and methyl-substituted derivatives with 4-phenyl- and 4-pentafluorophenyl-1,2,4-triazoline-3,5-dione. Chemical Communications, 2002, , 1956-1957.	4.1	26
6	Health effects of soy-biodiesel emissions: mutagenicity-emission factors. Inhalation Toxicology, 2015, 27, 585-596.	1.6	24
7	Bioassayâ€directed fractionation and subâ€fractionation for mutagenicity and chemical analysis of diesel exhaust particles. Environmental and Molecular Mutagenesis, 2013, 54, 719-736.	2.2	23
8	A strategy for test article selection and phytochemical characterization of Echinacea purpurea extract for safety testing. Food and Chemical Toxicology, 2020, 137, 111125.	3.6	23
9	Generation and characterization of diesel engine combustion emissions from petroleum diesel and soybean biodiesel fuels and application for inhalation exposure studies. Inhalation Toxicology, 2015, 27, 515-532.	1.6	20
10	Characterization of aqueous formulations of tetra- and pentavalent forms of vanadium in support of test article selection in toxicology studies. Environmental Science and Pollution Research, 2017, 24, 405-416.	5.3	20
11	Development and Application of an LC-MS/MS Method for the Detection of the Vinyl Chloride-Induced DNA Adduct N²,3-Ethenoguanine in Tissues of Adult and Weanling Rats Following Exposure to [¹³C₂]-VC. Chemical Research in Toxicology, 2010, 23, 1485-1491.	3.3	19
12	Health effects of soy-biodiesel emissions: bioassay-directed fractionation for mutagenicity. Inhalation Toxicology, 2015, 27, 597-612.	1.6	19
13	DNA adducts induced by in vitro activation of extracts of diesel and biodiesel exhaust particles. Inhalation Toxicology, 2015, 27, 576-584.	1.6	18
14	Comparative toxicity and liver transcriptomics of legacy and emerging brominated flame retardants following 5-day exposure in the rat. Toxicology Letters, 2020, 332, 222-234.	0.8	18
15	A New LC-MS/MS Method for the Quantification of Endogenous and Vinyl Chloride-Induced 7-(2-Oxoethyl)Guanine in Sprague–Dawley Rats. Chemical Research in Toxicology, 2012, 25, 391-399.	3.3	15
16	Polychlorinated Biphenyls Induce Oxidative DNA Adducts in Female Sprague–Dawley Rats. Chemical Research in Toxicology, 2016, 29, 1335-1344.	3.3	15
17	Evaluating Sufficient Similarity of Botanical Dietary Supplements: Combining Chemical and In Vitro Biological Data. Toxicological Sciences, 2019, 172, 316-329.	3.1	15
18	Modeling the formation and reactions of benzene metabolites. Chemico-Biological Interactions, 2010, 184, 196-200.	4.0	13

#	Article	IF	Citations
19	Comparative toxicokinetics of Trans-resveratrol and its major metabolites in Harlan Sprague Dawley rats and B6C3F1/N mice following oral and intravenous administration. Toxicology and Applied Pharmacology, 2020, 394, 114962.	2.8	11
20	Simultaneous Quantitation of 2-Hydroxy-4-Methoxybenzophenone, a Sunscreen Ingredient, and its Metabolites in Harlan Sprague Dawley Rat Plasma Following Perinatal Dietary Exposure. Journal of Analytical Toxicology, 2017, 41, 744-754.	2.8	10
21	Mutagenicity emission factors of canola oil and waste vegetable oil biodiesel: Comparison to soy biodiesel. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 846, 403057.	1.7	9
22	Harnessing In Silico, In Vitro, and In Vivo Data to Understand the Toxicity Landscape of Polycyclic Aromatic Compounds (PACs). Chemical Research in Toxicology, 2021, 34, 268-285.	3.3	9
23	Systemic exposure to Ginkgo biloba extract in male F344/NCrl rats: Relevance to humans. Food and Chemical Toxicology, 2019, 131, 110586.	3.6	8
24	DNA Product Formation in Female Sprague€“Dawley Rats Following Polyhalogenated Aromatic Hydrocarbon (PHAH) Exposure. Chemical Research in Toxicology, 2017, 30, 794-803.	3.3	5
25	Systemic exposure of vinpocetine in pregnant Sprague Dawley rats following repeated oral exposure: An investigation of fetal transfer. Toxicology and Applied Pharmacology, 2018, 338, 83-92.	2.8	5
26	Metabolism and disposition of 2-hydroxy-4-methoxybenzophenone, a sunscreen ingredient, in Harlan Sprague Dawley rats and B6C3F1/N mice; a species and route comparison. Xenobiotica, 2020, 50, 689-704.	1.1	5
27	Mutational analysis of pentabrominated diphenyl-induced hepatocellular tumors in rats and mice, tissue levels of PBDE congeners in rats and mice, and AhR genotyping of Wistar Han rats. Data in Brief, 2018, 21, 2125-2128.	1.0	4
28	Hepatic Transcriptomic Patterns in the Neonatal Rat After Pentabromodiphenyl Ether Exposure. Toxicologic Pathology, 2020, 48, 338-349.	1.8	4
29	Transcriptomic data from the rat liver after five days of exposure to legacy or emerging brominated flame retardants. Data in Brief, 2020, 32, 106136.	1.0	4
30	Comparative toxicokinetics of bisphenol S and bisphenol AF in male rats and mice following repeated exposure via feed. Xenobiotica, 2021, 51, 210-221.	1.1	4
31	Working with the natural complexity: Selection and characterization of black cohosh root extract for use in toxicology testing. Food and Chemical Toxicology, 2022, 160, 112769.	3.6	3
32	Toxicokinetics of the plasticizer, N-butylbenzenesulfonamide, in plasma and brain following oral exposure in rodents: Route, species, and sex comparison. Toxicology Reports, 2020, 7, 711-722.	3.3	2
33	Phenolic benzotriazoles: a class comparison of toxicokinetics of ultraviolet-light absorbers in male rats. Xenobiotica, 2021, 51, 831-841.	1.1	2
34	Whole-body inhalation exposure to 2-ethyltoluene for two weeks produced nasal lesions in rats and mice. Inhalation Toxicology, 2021, 33, 334-346.	1.6	1
35	Development and Validation of an Analytical Method to Quantitate Hydroxycitric Acid, the Key Constituent in Garcinia cambogia Extract, in Rodent Plasma and Fetus. Analytical Letters, 2022, 55, 1-16.	1.8	1
36	Trapping of Benzene Oxide-Oxepin and Methyl-Substituted Derivatives with 4-Phenyl- and 4-Pentafluorophenyl-1,2,4-triazoline-3,5-dione.. ChemInform, 2003, 34, no-no.	0.0	0

#	Article	IF	Citations
37	Validated Gas Chromatography â€“ Mass Spectrometry (GC-MS) Method for Simultaneous Quantitation of Tris(4-Chlorophenyl)Methane and Tris(4-Chlorophenyl)Methanol in Rat Plasma and Fetus. Analytical Letters, 2022, 55, 539-554.	1.8	0
38	Abstract 3594: Mutations and DNA adducts induced by diesel exhaust particles.. , 2013, , .		0
39	Quantitation of Phenolic Benzotriazole Class Compounds in Plasma by Liquid Chromatographyâ€“Tandem Mass Spectrometry (LC-MS/MS). Analytical Letters, 0, , 1-15.	1.8	0