Kristine L Witt

List of Publications by Year
in descending order

45 papers	1,782 citations	257450 24 h-index	276875 41 g-index
45 all docs	45 docs citations	45 times ranked	2084 citing authors

#	Article	IF	Citations
1	Identification of environmental chemicals that activate p53 signaling after in vitro metabolic activation. Archives of Toxicology, 2022, 96, 1975-1987.	4.2	10
2	The common indoor air pollutant Î±-pinene is metabolised to a genotoxic metabolite Î±-pinene oxide. Xenobiotica, 2022, 52, 301-311.	1.1	3
3	Comparison of sulfolane effects in Sprague Dawley rats, B6C3F1/N mice, and Hartley guinea pigs after 28 days of exposure via oral gavage. Toxicology Reports, 2021, 8, 581-591.	3.3	3
4	Oral deoxynivalenol toxicity in Harlan Sprague Dawley (Hsd:Sprague DawleyÂ® SDÂ®) rat dams and their offspring. Food and Chemical Toxicology, 2021, 148, 111963.	3.6	3
5	Mechanistic Evaluation of Black Cohosh Extract-Induced Genotoxicity in Human Cells. Toxicological Sciences, 2021, 182, 96-106.	3.1	4
6	The genotoxicity potential of luteolin is enhanced by CYP1A1 and CYP1A2 in human lymphoblastoid TK6 cells. Toxicology Letters, 2021, 344, 58-68.	0.8	18
7	Mutation as a Toxicological Endpoint for Regulatory Decisionâ€Making. Environmental and Molecular Mutagenesis, 2020, 61, 34-41.	2.2	44
8	Evaluation of the genotoxicity of cell phone radiofrequency radiation in male and female rats and mice following subchronic exposure. Environmental and Molecular Mutagenesis, 2020, 61, 276-290.	2.2	50
9	Response to Letter to the Editor. Environmental and Molecular Mutagenesis, 2020, 61, 294-295.	2.2	0
10	Evaluation of pyrrolizidine alkaloid-induced genotoxicity using metabolically competent TK6 cell lines. Food and Chemical Toxicology, 2020, 145, 111662.	3.6	15
11	Evaluation of 2-methoxy-4-nitroaniline (MNA) in hypersensitivity, 14-day subacute, reproductive, and genotoxicity studies. Toxicology, 2020, 441, 152474.	4.2	0
12	Use of Frozen Tissue in the Comet Assay for the Evaluation of DNA Damage. Journal of Visualized Experiments, 2020, , .	0.3	6
13	Development and Application of TK6-derived Cells Expressing Human Cytochrome P450s for Genotoxicity Testing. Toxicological Sciences, 2020, 175, 251-265.	3.1	17
14	Identification of p53 Activators in a Human Microarray Compendium. Chemical Research in Toxicology, 2019, 32, 1748-1759.	3.3	6
15	A comparison of transgenic rodent mutation and in vivo comet assay responses for 91 chemicals. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2019, 839, 21-35.	1.7	33
16	Identifying Compounds with Genotoxicity Potential Using Tox21 High-Throughput Screening Assays. Chemical Research in Toxicology, 2019, 32, 1384-1401.	3.3	27
17	Genetic toxicology in silico protocol. Regulatory Toxicology and Pharmacology, 2019, 107, 104403.	2.7	57
18	Meta-analysis of chromosomal aberrations as a biomarker of exposure in healthcare workers occupationally exposed to antineoplastic drugs. Mutation Research - Reviews in Mutation Research, 2019, 781, 207-217.	5.5	42

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19	Investigating the Generalizability of the MultiFlow Â® DNA Damage Assay and Several Companion Machine Learning Models With a Set of 103 Diverse Test Chemicals. Toxicological Sciences, 2018, 162, 146-166.	3.1	46
20	Black cohosh extracts and powders induce micronuclei, a biomarker of genetic damage, in human cells. Environmental and Molecular Mutagenesis, 2018, 59, 416-426.	2.2	9
21	In silico toxicology protocols. Regulatory Toxicology and Pharmacology, 2018, 96, 1-17.	2.7	159
22	Identification of Estrogen-Related Receptor Î± Agonists in the Tox21 Compound Library. Endocrinology, 2018, 159, 744-753.	2.8	40
23	Next generation high throughput DNA damage detection platform for genotoxic compound screening. Scientific Reports, 2018, 8, 2771.	3.3	77
24	Comprehensive Analyses and Prioritization of Tox21 10K Chemicals Affecting Mitochondrial Function by in-Depth Mechanistic Studies. Environmental Health Perspectives, 2018, 126, 077010.	6.0	60
25	How similar is similar enough? A sufficient similarity case study with Ginkgo biloba extract. Food and Chemical Toxicology, 2018, 118, 328-339.	3.6	32
26	Comparative pulmonary toxicity of inhaled metalworking fluids in rats and mice. Toxicology and Industrial Health, 2017, 33, 385-405.	1.4	6
27	Development of Novel Cell Lines for High-Throughput Screening to Detect Estrogen-Related Receptor Alpha Modulators. SLAS Discovery, 2017, 22, 720-731.	2.7	20
28	Assessment of the DNA damaging potential of environmental chemicals using a quantitative highâ€throughput screening approach to measure p53 activation. Environmental and Molecular Mutagenesis, 2017, 58, 494-507.	2.2	27
29	Identification of genotoxic compounds using isogenic DNA repair deficient DT40 cell lines on a quantitative high throughput screening platform. Mutagenesis, 2016, 31, gev055.	2.6	25
30	Dermal Exposure to Cumene Hydroperoxide. Toxicologic Pathology, 2016, 44, 749-762.	1.8	9
31	Cell-Based High-Throughput Screening for Aromatase Inhibitors in the Tox21 10K Library. Toxicological Sciences, 2015, 147, 446-457.	3.1	61
32	Comet assay evaluation of six chemicals of known genotoxic potential in rats. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 786-788, 172-181.	1.7	15
33	The in vivo Pig-a assay: A report of the International Workshop On Genotoxicity Testing (IWGT) Workgroup. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 783, 23-35.	1.7	139
34	Estrogenic and anti-estrogenic activity of off-the-shelf hair and skin care products. Journal of Exposure Science and Environmental Epidemiology, 2015, 25, 271-277.	3.9	36
35	Profiling of the Tox21 10K compound library for agonists and antagonists of the estrogen receptor alpha signaling pathway. Scientific Reports, 2014, 4, 5664.	3.3	167
36	Harnessing genomics to identify environmental determinants of heritable disease. Mutation Research - Reviews in Mutation Research, 2013, 752, 6-9.	5.5	25

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37	Mechanistic Insights from the NTP Studies of Chromium. Toxicologic Pathology, 2013, 41, 326-342.	1.8	68
38	Comparison of Comet assay doseâ€response for ethyl methanesulfonate using freshly prepared versus cryopreserved tissues. Environmental and Molecular Mutagenesis, 2012, 53, 101-113.	2.2	31
39	No increases in biomarkers of genetic damage or pathological changes in heart and brain tissues in male rats administered methylphenidate hydrochloride (Ritalin) for 28 days. Environmental and Molecular Mutagenesis, 2010, 51, 80-88.	2.2	17
40	Dose-response assessment of four genotoxic chemicals in a combined mouse and rat micronucleus (MN) and Comet assay protocol. Journal of Toxicological Sciences, 2010, 35, 149-162.	1.5	88
41	Comparison of flow cytometry- and microscopy-based methods for measuring micronucleated reticulocyte frequencies in rodents treated with nongenotoxic and genotoxic chemicals. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 649, 101-113.	1.7	86
42	Methylphenidate and Amphetamine Do Not Induce Cytogenetic Damage in Lymphocytes of Children With ADHD. Journal of the American Academy of Child and Adolescent Psychiatry, 2008, 47, 1375-1383.	0.5	28
43	Elevated frequencies of micronucleated erythrocytes in infants exposed to zidovudine in utero and postpartum to prevent mother-to-child transmission of HIV. Environmental and Molecular Mutagenesis, 2007, 48, 322-329.	2.2	59
44	Comparison of Germ Cell Mutagenicity in Male CYP2E1-Null and Wild-Type Mice Treated with Acrylamide: Evidence Supporting a Glycidamide-Mediated Effect. Biology of Reproduction, 2005, 72, 157-163.	2.7	95
45	Genetic damage detected in CD-1 mouse pups exposed perinatally to 3?-azido-3?-deoxythymidine or dideoxyinosine via maternal dosing, nursing, and direct gavage: II. Effects of the individual agents compared to combination treatment. Environmental and Molecular Mutagenesis, 2004, 44, 321-328.	2.2	19