Nan Mei

List of Publications by Year
in descending order

106	7,095	109321 35	58581 82
papers	citations	h-index	g-index

108	108	108	10452
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Actein contributes to black cohosh extractâ€induced genotoxicity in human TK6 cells. Journal of Applied Toxicology, 2022, , .	2.8	0
2	Characterization of cytochrome P450s (CYP)-overexpressing HepG2 cells for assessing drug and chemical-induced liver toxicity. Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis, 2021, 39, 68-86.	0.7	12
3	Transcriptomic profiling for safety and toxicity evaluation of nutraceuticals. , 2021, , 299-313.		0
4	Mechanistic Evaluation of Black Cohosh Extract-Induced Genotoxicity in Human Cells. Toxicological Sciences, 2021, 182, 96-106.	3.1	4
5	Comparative potency analysis of whole smoke solutions in the bacterial reverse mutation test. Mutagenesis, 2021, 36, 321-329.	2.6	0
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	Differentiating between micronucleus dose-responses induced by whole cigarette smoke solutions with Benchmark Dose potency ranking. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 866, 503351.	1.7	2
8	Appropriate in vivo follow-up assays to an in vitro bacterial reverse mutation (Ames) test positive investigational drug candidate (active pharmaceutical ingredient), drug-related metabolite, or drug-related impurity. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 868-869, 503386.	1.7	5
9	Genotoxicity evaluation using primary hepatocytes isolated from rhesus macaque (Macaca mulatta). Toxicology, 2021, 462, 152936.	4.2	2
10	Genotoxicity evaluation of nutraceuticals. , 2021, , 1199-1211.		1
11	Genetic toxicity assessment using liver cell models: past, present, and future. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2020, 23, 27-50.	6.5	37
12	Performance of HepaRG and HepG2 cells in the high-throughput micronucleus assay for in vitro genotoxicity assessment. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2020, 83, 702-717.	2.3	17
13	Evaluation of pyrrolizidine alkaloid-induced genotoxicity using metabolically competent TK6 cell lines. Food and Chemical Toxicology, 2020, 145, 111662.	3.6	15
14	The role of hepatic cytochrome P450s in the cytotoxicity of sertraline. Archives of Toxicology, 2020, 94, 2401-2411.	4.2	14
15	Development and Application of TK6-derived Cells Expressing Human Cytochrome P450s for Genotoxicity Testing. Toxicological Sciences, 2020, 175, 251-265.	3.1	17
16	Performance of high-throughput CometChip assay using primary human hepatocytes: a comparison of DNA damage responses with in vitro human hepatoma cell lines. Archives of Toxicology, 2020, 94, 2207-2224.	4.2	16
17	Using a Lentivirus-Based Inducible RNAi Vector to Silence a Gene. Methods in Molecular Biology, 2020, 2102, 195-210.	0.9	2
18	Aristolochic acid-induced genotoxicity and toxicogenomic changes in rodents. World Journal of Traditional Chinese Medicine, 2020, 6, 12.	1.9	17

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19	Detection of Loss of Heterozygosity in Tk-Deficient Mutants from L5178Y Tk+/â^'-3.7.2C Mouse Lymphoma Cells. Methods in Molecular Biology, 2020, 2102, 251-270.	0.9	0
20	Quantitative comparison of in vitro genotoxicity between metabolically competent HepaRG cells and HepG2 cells using the high-throughput high-content CometChip assay. Archives of Toxicology, 2019, 93, 1433-1448.	4.2	34
21	Quantitative differentiation of whole smoke solutionâ€induced mutagenicity in the mouse lymphoma assay. Environmental and Molecular Mutagenesis, 2018, 59, 103-113.	2.2	10
22	Multiple microRNAs function as self-protective modules in acetaminophen-induced hepatotoxicity in humans. Archives of Toxicology, 2018, 92, 845-858.	4.2	42
23	ROS generation and JNK activation contribute to 4-methoxy-TEMPO-induced cytotoxicity, autophagy, and DNA damage in HepG2 cells. Archives of Toxicology, 2018, 92, 717-728.	4.2	40
24	Benchmark Dose Modeling of In Vitro Genotoxicity Data: a Reanalysis. Toxicological Research, 2018, 34, 303-310.	2.1	14
25	Whole genome sequencing analysis of small and large colony mutants from the mouse lymphoma assay. Archives of Toxicology, 2018, 92, 3585-3595.	4.2	5
26	Comparative Genotoxicity of TEMPO and 3 of Its Derivatives in Mouse Lymphoma Cells. Toxicological Sciences, 2018, 163, 214-225.	3.1	18
27	Activation of the Nrf2 signaling pathway in usnic acid-induced toxicity in HepG2 cells. Archives of Toxicology, 2017, 91, 1293-1307.	4.2	37
28	Review ofGinkgo biloba-induced toxicity, from experimental studies to human case reports. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2017, 35, 1-28.	2.9	110
29	The expression, induction and pharmacological activity of CYP1A2 are post-transcriptionally regulated by microRNA hsa-miR-132-5p. Biochemical Pharmacology, 2017, 145, 178-191.	4.4	41
30	Inhibition of Neoplastic Transformation and Chemically-Induced Skin Hyperplasia in Mice by Traditional Chinese Medicinal Formula Si-Wu-Tang. Nutrients, 2017, 9, 300.	4.1	5
31	Evaluation of cII gene mutation in the brains of Big Blue mice exposed to acrylamide and glycidamide in drinking water. Journal of Toxicological Sciences, 2016, 41, 719-730.	1.5	8
32	Size- and coating-dependent cytotoxicity and genotoxicity of silver nanoparticles evaluated using in vitro standard assays. Nanotoxicology, 2016, 10, 1373-1384.	3.0	81
33	Gene Expression Profiling in Evaluating the Safety and Toxicity of Nutraceuticals**The information in this chapter is not a formal dissemination of information by the US Food and Drug Administration and does not represent agency position or policy.. , 2016, , 249-262.		0
34	Aloe vera: A review of toxicity and adverse clinical effects. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2016, 34, 77-96.	2.9	164
35	Assessment of Genotoxic Effects of Selected Herbal Dietary Supplements**The information in this chapter is not a formal dissemination of information by the US Food and Drug Administration and does not represent agency position or policy.. , 2016, , 883-892.		2
36	Quantitative analysis of the relative mutagenicity of five chemical constituents of tobacco smoke in the mouse lymphoma assay. Mutagenesis, 2016, 31, 287-296.	2.6	25

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37	Ginkgo biloba leaf extract induces DNA damage by inhibiting topoisomerase II activity in human hepatic cells. Scientific Reports, 2015, 5, 14633.	3.3	60
38	Neonatal exposure of 17Î²-estradiol has no effects on mutagenicity of 7,12-dimethylbenz [a] anthracene in reproductive tissues of adult mice. Genes and Environment, 2015, 37, 16.	2.1	1
39	Reactive oxygen species and c-Jun N-terminal kinases contribute to TEMPO-induced apoptosis in L5178Y cells. Chemico-Biological Interactions, 2015, 235, 27-36.	4.0	22
40	Endoplasmic Reticulum Stress and Store-Operated Calcium Entry Contribute to Usnic Acid-Induced Toxicity in Hepatic Cells. Toxicological Sciences, 2015, 146, 116-126.	3.1	35
41	MicroRNA hsa-miR-29a-3p modulates CYP2C19 in human liver cells. Biochemical Pharmacology, 2015, 98, 215-223.	4.4	51
42	Assessment of the toxic potential of graphene family nanomaterials. Journal of Food and Drug Analysis, 2014, 22, 105-115.	1.9	359
43	A rat RNA-Seq transcriptomic BodyMap across 11 organs and 4 developmental stages. Nature Communications, 2014, 5, 3230.	12.8	316
44	Sertraline, an Antidepressant, Induces Apoptosis in Hepatic Cells Through the Mitogen-Activated Protein Kinase Pathway. Toxicological Sciences, 2014, 137, 404-415.	3.1	57
45	In vitro investigation of the mutagenic potential of Aloe vera extracts. Toxicology Research, 2014, 3, 487-496.	2.1	15
46	The Role of Autophagy in Usnic Acid-Induced Toxicity in Hepatic Cells. Toxicological Sciences, 2014, 142, 33-44.	3.1	42
47	A comprehensive assessment of RNA-seq accuracy, reproducibility and information content by the Sequencing Quality Control Consortium. Nature Biotechnology, 2014, 32, 903-914.	17.5	883
48	Toxicogenomics and Cancer Susceptibility: Advances with Next-Generation Sequencing. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2014, 32, 121-158.	2.9	32
49	Mechanistic Evaluation of Ginkgo biloba Leaf Extract-Induced Genotoxicity in L5178Y Cells. Toxicological Sciences, 2014, 139, 338-349.	3.1	37
50	Methods for Using the Mouse Lymphoma Assay to Screen for Chemical Mutagenicity and Photo-Mutagenicity. Methods in Pharmacology and Toxicology, 2014, , 561-592.	0.2	11
51	Mechanism study of goldenseal-associated DNA damage. Toxicology Letters, 2013, 221, 64-72.	0.8	49
52	Nitroxide TEMPO: A genotoxic and oxidative stress inducer in cultured cells. Toxicology in Vitro, 2013, 27, 1496-1502.	2.4	31
53	Subchronic exposure to ethyl tertiary butyl ether resulting in genetic damage in Aldh2 knockout mice. Toxicology, 2013, 311, 107-114.	4.2	13
54	Mutagenicity and DNA adduct formation by aristolochic acid in the spleen of Big BlueÂ® rats. Environmental and Molecular Mutagenesis, 2012, 53, 358-368.	2.2	16

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55	Silver nanoparticleâ€induced mutations and oxidative stress in mouse lymphoma cells. Environmental and Molecular Mutagenesis, 2012, 53, 409-419.	2.2	97
56	Differential genotoxic effects of subchronic exposure to ethyl tertiary butyl ether in the livers of Aldh2 knockout and wild-type mice. Archives of Toxicology, 2012, 86, 675-682.	4.2	11
57	Aldh2 Knockout Mice Were More Sensitive to DNA Damage in Leukocytes due to Ethyl Tertiary Butyl Ether Exposure. Industrial Health, 2011, 49, 396-399.	1.0	8
58	Aristolochic acid-induced carcinogenesis examined by ACB-PCR quantification of H-Ras and K-Ras mutant fraction. Mutagenesis, 2011, 26, 619-628.	2.6	31
59	Mutagenicity of 11 cigarette smoke condensates in two versions of the mouse lymphoma assay. Mutagenesis, 2011, 26, 273-281.	2.6	31
60	Differential mutagenicity of aflatoxin B₁ in the liver of neonatal and adult mice. Environmental and Molecular Mutagenesis, 2010, 51, 156-163.	2.2	13
61	Genotoxicity of pyrrolizidine alkaloids. Journal of Applied Toxicology, 2010, 30, 183-196.	2.8	156
62	Metabolism, Genotoxicity, annd Carcinogenicity of Comfrey. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2010, 13, 509-526.	6.5	64
63	Ginkgo Biloba Extract Induces Gene Expression Changes in Xenobiotics Metabolism and the Myc-Centered Network. OMICS A Journal of Integrative Biology, 2010, 14, 75-90.	2.0	42
64	Mutagenicity of Acrylamide and Glycidamide in the Testes of Big Blue Mice. Toxicological Sciences, 2010, 117, 72-80.	3.1	41
65	The Genotoxicity of Acrylamide and Glycidamide in Big Blue Rats. Toxicological Sciences, 2010, 115, 412-421.	3.1	64
66	Gene expression profiling in male B6C3F1 mouse livers exposed to kava identifies â€“ Changes in drug metabolizing genes and potential mechanisms linked to kava toxicity. Food and Chemical Toxicology, 2010, 48, 686-696.	3.6	28
67	Cytotoxicity and mutagenicity of retinol with ultraviolet A irradiation in mouse lymphoma cells. Toxicology in Vitro, 2010, 24, 439-444.	2.4	15
68	Gene Expression Profiling as an Initial Approach for Mechanistic Studies of Toxicity and Tumorigenicity of Herbal Plants and Herbal Dietary Supplements. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2010, 28, 60-87.	2.9	21
69	Application of Microarray-Based Analysis of Gene Expression in the Field of Toxicogenomics. Methods in Molecular Biology, 2010, 597, 227-241.	0.9	15
70	The Mouse Lymphoma Assay Detects Recombination, Deletion, and Aneuploidy. Toxicological Sciences, 2009, 109, 96-105.	3.1	45
71	UVA-induced photomutagenicity of retinyl palmitate. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 677, 105-106.	1.7	3
72	Gene expression changes associated with xenobiotic metabolism pathways in mice exposed to acrylamide. Environmental and Molecular Mutagenesis, 2008, 49, 741-745.	2.2	27

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73	The balance of reproducibility, sensitivity, and specificity of lists of differentially expressed genes in microarray studies. BMC Bioinformatics, 2008, 9, S10.	2.6	215
74	Review of Usnic Acid andUsnea BarbataToxicity. Journal of Environmental Science and Health, Part C: Environmental Carcinogenesis and Ecotoxicology Reviews, 2008, 26, 317-338.	2.9	111
75	Genotoxic effects of acrylamide and glycidamide in mouse lymphoma cells. Food and Chemical Toxicology, 2008, 46, 628-636.	3.6	51
76	Kava (Piper methysticum) Safety Concerns and Studies on Pipermethystine, an Alkaloid in Kava. ACS Symposium Series, 2008, , 248-263.	0.5	0
77	MEASUREMENT OF MUTANT FREQUENCY IN T-CELL RECEPTOR (TCR) GENE BY FLOW CYTOMETRY AFTER X-IRRADIATION ON EL-4 MICE LYMPHOMA CELLS. Journal of Toxicological Sciences, 2007, 32, 377-386.	1.5	4
78	Comparison of gene expression profiles altered by comfrey and riddelliine in rat liver. BMC Bioinformatics, 2007, 8, S22.	2.6	24
79	Gene expression changes induced by the tumorigenic pyrrolizidine alkaloid riddelliine in liver of Big Blue rats. BMC Bioinformatics, 2007, 8, S4.	2.6	34
80	Photodecomposition of Vitamin A and Photobiological Implications for the Skinâ€. Photochemistry and Photobiology, 2007, 83, 409-424.	2.5	50
81	Mutations induced by carcinogenic doses of aristolochic acid in kidney of Big Blue transgenic rats. Toxicology Letters, 2006, 165, 250-256.	0.8	59
82	Photomutagenicity of Anhydroretinol and 5,6-Epoxyretinyl Palmitate in Mouse Lymphoma Cells. Chemical Research in Toxicology, 2006, 19, 1435-1440.	3.3	20
83	Rat toxicogenomic study reveals analytical consistency across microarray platforms. Nature Biotechnology, 2006, 24, 1162-1169.	17.5	389
84	The MicroArray Quality Control (MAQC) project shows inter- and intraplatform reproducibility of gene expression measurements. Nature Biotechnology, 2006, 24, 1151-1161.	17.5	1,927
85	DNA adduct formation and mutation induction by aristolochic acid in rat kidney and liver. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 602, 83-91.	1.0	101
86	Analysis of gene expression changes in relation to toxicity and tumorigenesis in the livers of Big Blue transgenic rats fed comfrey (Symphytum officinale). BMC Bioinformatics, 2006, 7, S16.	2.6	31
87	Gene Expression Profiles Distinguish the Carcinogenic Effects of Aristolochic Acid in Target (Kidney) and Non-target (Liver) Tissues in Rats. BMC Bioinformatics, 2006, 7, S20.	2.6	46
88	Mutagenicity of comfrey (Symphytum Officinale) in rat liver. British Journal of Cancer, 2005, 92, 873-875.	6.4	43
89	Age-dependent sensitivity of Big Blue transgenic mice to the mutagenicity of N-ethyl-N-nitrosourea (ENU) in liver. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2005, 572, 14-26.	1.0	16
90	Endogenous estrogen status, but not genistein supplementation, modulates 7,12-dimethylbenz[a]anthracene-induced mutation in the livercII gene of transgenic big blue rats. Environmental and Molecular Mutagenesis, 2005, 45, 409-418.	2.2	3

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91	Mutagenic Effects of 4-Hydroxynonenal Triacetate, a Chemically Protected Form of the Lipid Peroxidation Product 4-Hydroxynonenal, as Assayed in L5178Y/Tk+/â€“ Mouse Lymphoma Cells. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 855-861.	2.5	33
92	Induction of OGG1 Gene Expression by HIV-1 Tat. Journal of Biological Chemistry, 2005, 280, 26701-26713.	3.4	25
93	Photomutagenicity of Retinyl Palmitate by Ultraviolet A Irradiation in Mouse Lymphoma Cells. Toxicological Sciences, 2005, 88, 142-149.	3.1	29
94	N-Ethyl-N-nitrosourea (ENU) Increased Brain Mutations in Prenatal and Neonatal Mice but Not in the Adults. Toxicological Sciences, 2004, 81, 112-120.	3.1	32
95	Mutations Induced by the Carcinogenic Pyrrolizidine Alkaloid Riddelliine in the LivercIIGene of Transgenic Big Blue Rats. Chemical Research in Toxicology, 2004, 17, 814-818.	3.3	35
96	Differential mutagenicity of riddelliine in liver endothelial and parenchymal cells of transgenic big blue rats. Cancer Letters, 2004, 215, 151-158.	7.2	30
97	Genotoxicity of malachite green and leucomalachite green in female Big Blue B6C3F1 mice. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 561, 127-138.	1.7	81
98	Analysis of 8-Hydroxyguanine (8-OH-Gua) Released from DNA by the Formamidopyrimidine DNA Glycosylase (Fpg) Protein: A Reliable Method to Estimate Cellular Oxidative Stress. Journal of Radiation Research, 2004, 45, 455-460.	1.6	12
99	Analysis of 8-hydroxydeoxyguanosine 5?-monophosphate (8-OH-dGMP) as a reliable marker of cellular oxidative DNA damage after ?-irradiation. Environmental and Molecular Mutagenesis, 2003, 41, 332-338.	2.2	17
100	Immunoassays using capillary electrophoresis laser induced fluorescence detection for DNA adducts. Analytica Chimica Acta, 2003, 500, 13-20.	5.4	27
101	Genetic predisposition to the cytotoxicity of arsenic: the role of DNA damage and ATM. FASEB Journal, 2003, 17, 2310-2312.	0.5	24
102	Acute arsenite-induced 8-hydroxyguanine is associated with inhibition of repair activity in cultured human cells. Biochemical and Biophysical Research Communications, 2002, 297, 924-930.	2.1	38
103	Influence of Donor Age on the Cytotoxicity and Mutagenicity of Ethylnitrosourea in Cultured Human T-lymphocytes. Journal of UOEH, 1997, 19, 133-145.	0.6	0
104	Individual Variation and Age Dependency in the Radiosensitivity of Peripheral Blood T-lymphocytes from Normal Donors.. Journal of Radiation Research, 1996, 37, 235-245.	1.6	9
105	Comparison of the frequency of T-cell receptor mutants and thioguanine resistance induced by X-rays and ethylnitrosourea in cultured human blood T-lymphocytes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 357, 191-197.	1.0	15
106	Measurement of the CD3^{â”} 4⁺ Variant T Cell Frequency by Flow Cytometry after Xâ€irradiation on Mice. Journal of Occupational Health, 1996, 38, 25-29.	2.1	7