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List of Publications by Year
in descending order

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84 papers	2,330 citations	201575 27 h-index	233338 45 g-index
95 all docs	95 docs citations	95 times ranked	3112 citing authors

#	Article	IF	Citations
1	Tumour necrosis factor-Î± (TNF-Î±) enhances dietary carcinogen-induced DNA damage in colorectal cancer epithelial cells through activation of JNK signaling pathway. Toxicology, 2021, 457, 152806.	2.0	12
2	FEMA GRAS assessment of natural flavor complexes: Eucalyptus oil and other cyclic ether-containing flavoring ingredients. Food and Chemical Toxicology, 2021, 155, 112357.	1.8	12
3	FEMA GRAS assessment of natural flavor complexes: Origanum oil, thyme oil and related phenol derivative-containing flavoring ingredients. Food and Chemical Toxicology, 2021, 155, 112378.	1.8	6
4	Increased MicroRNA Levels in Women With Polycystic Ovarian Syndrome but Without Insulin Resistance: A Pilot Prospective Study. Frontiers in Endocrinology, 2020, 11, 571357.	1.5	14
5	The safety evaluation of food flavoring substances: the role of genotoxicity studies. Critical Reviews in Toxicology, 2020, 50, 1-27.	1.9	32
6	microRNA Expression in Women With and Without Polycystic Ovarian Syndrome Matched for Body Mass Index. Frontiers in Endocrinology, 2020, 11, 206.	1.5	21
7	Interleukin-6 selectively induces drug metabolism to potentiate the genotoxicity of dietary carcinogens in mammary cells. Archives of Toxicology, 2019, 93, 3005-3020.	1.9	10
8	Bariatric Surgery Modulates Urinary Levels of MicroRNAs Involved in the Regulation of Renal Function. Frontiers in Endocrinology, 2019, 10, 319.	1.5	8
9	Diet-induced metabolic changes of the human gut microbiome: importance of short-chain fatty acids, methylamines and indoles. Acta Diabetologica, 2019, 56, 493-500.	1.2	85
10	FEMA GRAS assessment of natural flavor complexes: Citrus-derived flavoring ingredients. Food and Chemical Toxicology, 2019, 124, 192-218.	1.8	34
11	The safety evaluation of food flavouring substances: the role of metabolic studies. Toxicology Research, 2018, 7, 618-646.	0.9	27
12	Updated procedure for the safety evaluation of natural flavor complexes used as ingredients in food. Food and Chemical Toxicology, 2018, 113, 171-178.	1.8	34
13	Ethanol potentiates the genotoxicity of the food-derived mammary carcinogen PhIP in human estrogen receptor-positive mammary cells: mechanistic support for lifestyle factors (cooked red meat and) Tj ETQq1 1 0.784314 rgBT /Overloch 1	3.1	12
14	2â€²-O-(2-Methoxyethyl) Nucleosides Are Not Phosphorylated or Incorporated Into the Genome of Human Lymphoblastoid TK6 Cells. Toxicological Sciences, 2018, 163, 70-78.	1.4	4
15	Dose-dependent synergistic and antagonistic mutation responses of binary mixtures of the environmental carcinogen benzo[a]pyrene with food-derived carcinogens. Archives of Toxicology, 2018, 92, 3459-3469.	1.9	11
16	Mechanistic evidence that benzo[a]pyrene promotes an inflammatory microenvironment that drives the metastatic potential of human mammary cells. Archives of Toxicology, 2018, 92, 3223-3239.	1.9	32
17	Improved physiology and metabolic flux after Roux-en-Y gastric bypass is associated with temporal changes in the circulating microRNAome: a longitudinal study in humans. BMC Obesity, 2018, 5, 20.	3.1	23
18	Strategies for InÂVivo Screening and Mitigation of Hepatotoxicity Associated with Antisense Drugs. Molecular Therapy - Nucleic Acids, 2017, 8, 383-394.	2.3	37

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19	The Lack of Mutagenic Potential of a Guanine-Rich Triplex Forming Oligonucleotide in Physiological Conditions. Toxicological Sciences, 2017, 155, 101-111.	1.4	2
20	Safety evaluation of substituted thiophenes used as flavoring ingredients. Food and Chemical Toxicology, 2017, 99, 40-59.	1.8	17
21	Improved hepatic physiology in hepatic cytochrome P450 reductase null (HRNâ„¢) mice dosed orally with fenclozic acid. Toxicology Research, 2017, 6, 81-88.	0.9	1
22	Elevated serum microRNA 483-5p levels may predict patients at risk of post-operative atrial fibrillation. European Journal of Cardio-thoracic Surgery, 2017, 51, 73-78.	0.6	61
23	Pre-operative serum VCAM-1 as a biomarker of atrial fibrillation after coronary artery bypass grafting. Journal of Cardiothoracic Surgery, 2017, 12, 70.	0.4	18
24	Synergistic and Antagonistic Mutation Responses of Human MCL-5 Cells to Mixtures of Benzo[a]pyrene and 2-Amino-1-Methyl-6-Phenylimidazo[4,5- b]pyridine: Dose-Related Variation in the Joint Effects of Common Dietary Carcinogens. Environmental Health Perspectives, 2016, 124, 88-96.	2.8	21
25	Post-operative atrial fibrillation is associated with a pre-existing structural and electrical substrate in human right atrial myocardium. International Journal of Cardiology, 2016, 220, 580-588.	0.8	25
26	FEMA expert panel review of p -mentha-1,8-dien-7-al genotoxicity testing results. Food and Chemical Toxicology, 2016, 98, 201-209.	1.8	9
27	Using 3D MCF-7 mammary spheroids to assess the genotoxicity of mixtures of the food-derived carcinogens benzo[a]pyrene and 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine. Toxicology Research, 2016, 5, 312-317.	0.9	5
28	Interleukin-6 promotes dietary carcinogen-induced DNA damage in colorectal cancer cells. Toxicology Research, 2015, 4, 858-866.	0.9	8
29	Toxicology Research New Talents themed issue. Toxicology Research, 2015, 4, 540-540.	0.9	0
30	IL6 Mediates Immune and Colorectal Cancer Cell Cross-talk via miR-21 and miR-29b. Molecular Cancer Research, 2015, 13, 1502-1508.	1.5	50
31	Re-evaluation of the Mutagenic Response to Phosphorothioate Nucleotides in Human Lymphoblastoid TK6 Cells. Toxicological Sciences, 2015, 145, 169-176.	1.4	7
32	The cellular toxicology of mitragynine, the dominant alkaloid of the narcotic-like herb, Mitragyna speciosa Korth. Toxicology Research, 2015, 4, 1173-1183.	0.9	6
33	Effects of treatment with androgen receptor ligands on microRNA expression of prostate cancer cells. Toxicology, 2015, 333, 45-52.	2.0	12
34	In silicoandin vitroevaluation of exonic and intronic off-target effects form a critical element of therapeutic ASO gapmer optimization. Nucleic Acids Research, 2015, 43, 8638-8650.	6.5	91
35	The selective cytotoxicity of the alkenyl glucosinolate hydrolysis products and their presence in Brassica vegetables.. Toxicology, 2015, 334, 59-71.	2.0	19
36	Aspartame Sensitivity? A Double Blind Randomised Crossover Study. PLoS ONE, 2015, 10, e0116212.	1.1	11

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37	GRASr2 Evaluation of Aliphatic Acyclic and Alicyclic Terpenoid Tertiary Alcohols and Structurally Related Substances Used as Flavoring Ingredients. Journal of Food Science, 2014, 79, R428-41.	1.5	19
38	The mutagenic effects of 2-amino-1-methyl-6-phenylimidazo[4,5-b] pyridine in Mutaâ„¢Mouse colon is attenuated by resveratrol. Toxicology Research, 2014, 3, 197.	0.9	6
39	Time and dose-dependent effects of phenobarbital on the rat liver miRNAome. Toxicology, 2013, 314, 247-253.	2.0	27
40	S-Methyl-<scp>l</scp>-cysteine sulphoxide: the Cinderella phytochemical?. Toxicology Research, 2013, 2, 11-22.	0.9	47
41	Are Differences in MicroRNA Regulation Implicated in Species-Dependent Response to Toxicological Exposures?. Toxicological Sciences, 2013, 131, 337-342.	1.4	18
42	Mutagenesis by an Antisense Oligonucleotide and Its Degradation Product. Toxicological Sciences, 2012, 130, 319-327.	1.4	6
43	Hepatic MicroRNA Profiles Offer Predictive and Mechanistic Insights After Exposure to Genotoxic and Epigenetic Hepatocarcinogens. Toxicological Sciences, 2012, 128, 532-543.	1.4	53
44	A triple-helix forming oligonucleotide targeting genomic DNA fails to induce mutation. Mutagenesis, 2012, 27, 713-719.	1.0	4
45	Identification of Human Urinary Biomarkers of Cruciferous Vegetable Consumption by Metabonomic Profiling. Journal of Proteome Research, 2011, 10, 4513-4521.	1.8	104
46	Metabolic surgery and cancer. Cancer, 2011, 117, 1788-1799.	2.0	134
47	The cooked meat-derived mammary carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine promotes invasive behaviour of breast cancer cells. Toxicology, 2011, 279, 139-145.	2.0	26
48	A molecular beacon approach to detecting RAD52 expression in response to DNA damage in human cells. Toxicology in Vitro, 2010, 24, 652-660.	1.1	7
49	Cryptolepine Provokes Changes in the Expression of Cell Cycle Proteins in Growing Cells. American Journal of Pharmacology and Toxicology, 2009, 4, 177-185.	0.7	3
50	Early events in the mammalian response to DNA double-strand breaks. Mutagenesis, 2008, 23, 331-339.	1.0	105
51	The Cooked Meatâ€“Derived Genotoxic Carcinogen 2-Amino-3-Methylimidazo[4,5-b]Pyridine Has Potent Hormone-Like Activity: Mechanistic Support for a Role in Breast Cancer. Cancer Research, 2007, 67, 9597-9602.	0.4	31
52	The Cooked Meat Carcinogen 2-Amino-1-Methyl-6-Phenylimidazo[4,5-b]Pyridine Activates the Extracellular Signalâ€“Regulated Kinase Mitogen-Activated Protein Kinase Pathway. Cancer Research, 2007, 67, 11455-11462.	0.4	26
53	A molecular beacon to detect transcription of RAD52 in response to DNA double strand breaks. Toxicology, 2007, 240, 176-177.	2.0	0
54	Mechanisms of action of carcinogenic heterocyclic amines. Toxicology Letters, 2006, 164, S61-S62.	0.4	1

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55	Novel methods for detecting double DNA strand breaks. Toxicology Letters, 2006, 164, S263.	0.4	0
56	DNA damage responses after exposure to DNA-based products. Journal of Gene Medicine, 2006, 8, 175-185.	1.4	12
57	In vitro genotoxicity of the West African anti-malarial herbal Cryptolepis sanguinolenta and its major alkaloid cryptolepine. Toxicology, 2005, 208, 141-147.	2.0	56
58	Responses of genes involved in cell cycle control to diverse DNA damaging chemicals in human lung adenocarcinoma A549 cells. Cancer Cell International, 2005, 5, 28.	1.8	14
59	The cooked food derived carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b] pyridine is a potent oestrogen: a mechanistic basis for its tissue-specific carcinogenicity. Carcinogenesis, 2004, 25, 2509-2517.	1.3	80
60	Phytoalexin resveratrol attenuates the mutagenicity of the heterocyclic amines 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine and 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 802, 217-223.	1.2	15
61	Rapid Biomonitoring of Heterocyclic Aromatic Amines in Human Urine by Tandem Solvent Solid Phase Extraction Liquid Chromatography Electrospray Ionization Mass Spectrometry. Chemical Research in Toxicology, 2004, 17, 1121-1136.	1.7	52
62	Evaluating the genetic toxicology of DNA-based products using existing genetic toxicology assays. Mutagenesis, 2003, 18, 259-264.	1.0	5
63	Expression of cyclooxygenase-2 parallels expression of interleukin-1beta, interleukin-6 and NF-kappaB in human colorectal cancer. Carcinogenesis, 2003, 24, 665-671.	1.3	103
64	Molecular and genetic toxicology of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP). Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2002, 506-507, 91-99.	0.4	64
65	Neoplastic transformation of human lung fibroblast MRC-5 SV2 cells induced by benzo[a]pyrene and confluence culture. Cancer Research, 2002, 62, 4605-9.	0.4	15
66	Mass spectrometric detection and measurement of N2-(2â€²-deoxyguanosin-8-yl)PhIP adducts in DNA. Biomedical Applications, 2000, 744, 55-64.	1.7	21
67	The mutagenicity of benzo[a]pyrene in mouse small intestine. Carcinogenesis, 1999, 20, 109-114.	1.3	31
68	Analysis of the N-(deoxyguanosin-8-yl) adduct of the food derived carcinogen PhIP using capillary electrophoresis. Biochemical Society Transactions, 1997, 25, 27S-27S.	1.6	0
69	ACCELERATED PAPER: Mutational spectra of the dietary carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) at the Chinese hamster hprt locus. Carcinogenesis, 1996, 17, 617-624.	1.3	72
70	Infection by HIVâ€1 blocked by binding of dextrin 2â€sulphate to the cell surface of activated human peripheral blood mononuclear cells and cultured Tâ€cells. British Journal of Pharmacology, 1994, 113, 151-158.	2.7	35
71	The role of CYP1A enzymes in murine activation of the cooked food carcinogen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine. Biochemical Society Transactions, 1994, 22, 128S-128S.	1.6	0
72	Quantification of the carcinogens 2-amino-3,8-dimethyl- and 2-amino-3,4,8-trimethylimidazo[4,5-f]quinoxaline and 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine in food using a combined assay based on gas chromatographyâ€"negative ion mass spectrometry. Biomedical Applications, 1993, 616, 211-219.	1.7	111

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73	N-Hydroxy-MeIQx is the major microsomal oxidation product of the dietary carcinogen MeIQx with human liver. Carcinogenesis, 1992, 13, 2221-2226.	1.3	51
74	Human neutrophils can activate the food-derived carcinogen MeIQx. Biochemical Society Transactions, 1990, 18, 610-611.	1.6	1
75	Inflammatory cells from the rat pleural cavity can activate the food-derived carcinogen MeIQx. Biochemical Society Transactions, 1990, 18, 611-612.	1.6	2
76	3,8-Dimethyl-2-nitro-imidazo[4,5-f]quinoxaline(Nitro-MeIQx) is a potent direct-acting mutagen. Biochemical Society Transactions, 1989, 17, 540-541.	1.6	0
77	Effect of interferon inducers on carbon tetrachloride toxicity in congenic strains of mice. Biochemical Society Transactions, 1989, 17, 733-734.	1.6	0
78	Activation of the food carcinogen 2-amino-3,8-dimethylimidazo[4,5-f]quinoxaline by hepatocytes. Biochemical Society Transactions, 1989, 17, 734-735.	1.6	2
79	Effects of polyriboinosinic acid polyribocytidylic acid administration on mouse hepatic flavin containing mono-oxygenase activity. Biochemical Society Transactions, 1988, 16, 630-631.	1.6	0
80	Polyriboinosinic acid polyribocytidylic acid depresses mouse extrahepatic cytochrome P-450 systems and alleviates chloroform nephrotoxicity. Biochemical Society Transactions, 1988, 16, 631-632.	1.6	0
81	Hepatotoxicity of carbon tetrachloride: protection by pretreatment of mice with polyriboinosinic acid polyribocytidylic acid. Biochemical Society Transactions, 1988, 16, 632-633.	1.6	0
82	Depression of cytochrome P-450 and alterations of protein metabolism in mice treated with the interferon inducer polyriboinosinic acid Â· polyribocytidylic acid. Archives of Biochemistry and Biophysics, 1986, 250, 418-425.	1.4	28
83	Improved Preparation of Î±,N-Diphenylnitrones andN-Benzyl-N-Phenylhydroxylamines by direct Oxidation of Secondary Anilines. Archiv Der Pharmazie, 1986, 319, 261-265.	2.1	17
84	Induction of xanthine oxidase and depression of cytochrome P-450 by interferon inducers: Genetic difference in the responses of mice. Biochemical and Biophysical Research Communications, 1985, 131, 109-114.	1.0	34