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List of Publications by Year
in descending order

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49 papers	3,408 citations	147801 31 h-index	182427 51 g-index
52 all docs	52 docs citations	52 times ranked	5012 citing authors

#	Article	IF	Citations
1	Involvement of Poly(ADP-ribose) Polymerase-1 and XRCC1/DNA Ligase III in an Alternative Route for DNA Double-strand Breaks Rejoining. Journal of Biological Chemistry, 2004, 279, 55117-55126.	3.4	578
2	Quantity and source of dietary protein influence metabolite production by gut microbiota and rectal mucosa gene expression: a randomized, parallel, double-blind trial in overweight humans. American Journal of Clinical Nutrition, 2017, 106, 1005-1019.	4.7	168
3	A Central Role for Heme Iron in Colon Carcinogenesis Associated with Red Meat Intake. Cancer Research, 2015, 75, 870-879.	0.9	166
4	Use of the Î³H2AX assay for assessing the genotoxicity of bisphenol A and bisphenol F in human cell lines. Archives of Toxicology, 2011, 85, 1463-1473.	4.2	154
5	Validation of the Î³H2AX biomarker for genotoxicity assessment: a review. Archives of Toxicology, 2019, 93, 2103-2114.	4.2	130
6	Cutting Edge: Multiple Sclerosis-Like Lesions Induced by Effector CD8 T Cells Recognizing a Sequestered Antigen on Oligodendrocytes. Journal of Immunology, 2008, 181, 1617-1621.	0.8	119
7	Characterization of Novel Ligands of ERÎ±, ErÎ², and PPARÎ³: The Case of Halogenated Bisphenol A and Their Conjugated Metabolites. Toxicological Sciences, 2011, 122, 372-382.	3.1	119
8	Detrimental effects for colonocytes of an increased exposure to luminal hydrogen sulfide: The adaptive response. Free Radical Biology and Medicine, 2016, 93, 155-164.	2.9	111
9	The deleterious metabolic and genotoxic effects of the bacterial metabolite p-cresol on colonic epithelial cells. Free Radical Biology and Medicine, 2015, 85, 219-227.	2.9	108
10	Effect of single mutations in the OGG1 gene found in human tumors on the substrate specificity of the Ogg1 protein. Nucleic Acids Research, 2000, 28, 2672-2678.	14.5	107
11	Interplay between Siderophores and Colibactin Genotoxin Biosynthetic Pathways in Escherichia coli. PLoS Pathogens, 2013, 9, e1003437.	4.7	102
12	Involvement of Polynucleotide Kinase in a Poly(ADP-ribose) Polymerase-1-dependent DNA Double-strand Breaks Rejoining Pathway. Journal of Molecular Biology, 2006, 356, 257-265.	4.2	92
13	Use of the Î³H2AX assay for assessing the genotoxicity of polycyclic aromatic hydrocarbons in human cell lines. Toxicology Letters, 2010, 199, 182-192.	0.8	92
14	Genotoxicity of aflatoxins and their precursors in human cells. Toxicology Letters, 2018, 287, 100-107.	0.8	86
15	Calcium and Î±-tocopherol suppress cured-meat promotion of chemically induced colon carcinogenesis in rats and reduce associated biomarkers in human volunteers. American Journal of Clinical Nutrition, 2013, 98, 1255-1262.	4.7	85
16	High-protein diets for weight management: Interactions with the intestinal microbiota and consequences for gut health. A position paper by the my new gut study group. Clinical Nutrition, 2019, 38, 1012-1022.	5.0	82
17	Alterations of the DNA repair gene OGG1 in human clear cell carcinomas of the kidney. Cancer Research, 2000, 60, 4740-4.	0.9	79
18	Validation of highâ€throughput genotoxicity assay screening using Î³H2AX inâ€cell western assay on HepG2 cells. Environmental and Molecular Mutagenesis, 2013, 54, 737-746.	2.2	74

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19	Genotoxicity of pesticide mixtures present in the diet of the French population. Environmental and Molecular Mutagenesis, 2012, 53, 173-184.	2.2	66
20	Effect of double-strand break DNA sequence on the PARP-1 NHEJ pathway. Biochemical and Biophysical Research Communications, 2008, 369, 982-988.	2.1	61
21	Evidence of the in vitro genotoxicity of methyl-pyrazole pesticides in human cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 748, 8-16.	1.7	59
22	Comparative potency approach based on H2AX assay for estimating the genotoxicity of polycyclic aromatic hydrocarbons. Toxicology and Applied Pharmacology, 2012, 260, 58-64.	2.8	56
23	Combined Genotoxic Effects of a Polycyclic Aromatic Hydrocarbon (B(a)P) and an Heterocyclic Amine (PhIP) in Relation to Colorectal Carcinogenesis. PLoS ONE, 2013, 8, e58591.	2.5	50
24	Determination of genotoxic potencies of pyrrolizidine alkaloids in HepaRG cells using the Î³H2AX assay. Food and Chemical Toxicology, 2019, 131, 110532.	3.6	49
25	Catalytic and DNA-binding properties of the human Ogg1 DNA N-glycosylase/AP lyase: biochemical exploration of H270, Q315 and F319, three amino acids of the 8-oxoguanine-binding pocket. Nucleic Acids Research, 2004, 32, 570-578.	14.5	47
26	Complementarity of phosphorylated histones H2AX and H3 quantification in different cell lines for genotoxicity screening. Archives of Toxicology, 2016, 90, 1983-1995.	4.2	47
27	AKT2 suppresses pro-survival autophagy triggered by DNA double-strand breaks in colorectal cancer cells. Cell Death and Disease, 2017, 8, e3019-e3019.	6.3	44
28	The PERICLES research program: An integrated approach to characterize the combined effects of mixtures of pesticide residues to which the French population is exposed. Toxicology, 2013, 313, 83-93.	4.2	43
29	Time-lapse ERT interpretation methodology for leachate injection monitoring based on multiple inversions and a clustering strategy (MICS). Journal of Applied Geophysics, 2014, 111, 320-333.	2.1	43
30	Genotoxicity of 11 heavy metals detected as food contaminants in two human cell lines. Environmental and Molecular Mutagenesis, 2018, 59, 202-210.	2.2	37
31	Evaluation of genotoxicity using automated detection of Î³H2AX in metabolically competent HepaRG cells. Mutagenesis, 2016, 31, gev059.	2.6	34
32	Understanding leachate flow in municipal solid waste landfills by combining time-lapse ERT and subsurface flow modelling â€“ Part I: Analysis of infiltration shape on two different waste deposit cells. Waste Management, 2016, 55, 165-175.	7.4	31
33	Role of human sulfotransferase 1A1 and N-acetyltransferase 2 in the metabolic activation of 16 heterocyclic amines and related heterocyclics to genotoxicants in recombinant V79 cells. Archives of Toxicology, 2017, 91, 3175-3184.	4.2	30
34	Mitochondrial targeting of human 8-oxoguanine DNA glycosylase hOGG1 is impaired by a somatic mutation found in kidney cancer. DNA Repair, 2002, 1, 497-505.	2.8	28
35	Calcium Delivery by Electroporation Induces In Vitro Cell Death through Mitochondrial Dysfunction without DNA Damages. Cancers, 2020, 12, 425.	3.7	28
36	Benzo[a]pyrene-induced DNA damage associated with mutagenesis in primary human activated T lymphocytes. Biochemical Pharmacology, 2017, 137, 113-124.	4.4	27

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37	Evaluation of four human cell lines with distinct biotransformation properties for genotoxic screening. Mutagenesis, 2016, 31, gev058.	2.6	24
38	Influence of the geomembrane on time-lapse ERT measurements for leachate injection monitoring. Waste Management, 2014, 34, 780-790.	7.4	22
39	Understanding leachate flow in municipal solid waste landfills by combining time-lapse ERT and subsurface flow modelling â€“ Part II: Constraint methodology of hydrodynamic models. Waste Management, 2016, 55, 176-190.	7.4	21
40	Genotoxicity and mutagenicity assessment of food contaminant mixtures present in the French diet. Environmental and Molecular Mutagenesis, 2018, 59, 742-754.	2.2	21
41	Assessment of a panel of cellular biomarkers and the kinetics of their induction in comparing genotoxic modes of action in HepG2 cells. Environmental and Molecular Mutagenesis, 2018, 59, 516-528.	2.2	20
42	An Untargeted Metabolomics Approach to Investigate the Metabolic Modulations of HepG2 Cells Exposed to Low Doses of Bisphenol A and 17Î²-Estradiol. Frontiers in Endocrinology, 2018, 9, 571.	3.5	17
43	<scp>AOP</scp> report: Development of an adverse outcome pathway for oxidative <scp>DNA</scp> damage leading to mutations and chromosomal aberrations. Environmental and Molecular Mutagenesis, 2022, 63, 118-134.	2.2	14
44	Comparative genotoxic potential of 27 polycyclic aromatic hydrocarbons in three human cell lines. Toxicology Letters, 2020, 326, 99-105.	0.8	11
45	Comparative UHPLC-HRMS Profiling, Toxicological Assessment, and Protection Against H₂O₂-Induced Genotoxicity of Different Parts ofOpuntia ficus indica. Journal of Medicinal Food, 2019, 22, 1280-1293.	1.5	5
46	Evaluation of the genotoxic potential of apoptosis inducers with the Î³H2AX assay in human cells. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 852, 503165.	1.7	4
47	Synergic toxic effects of food contaminant mixtures in human cells. Mutagenesis, 2020, 35, 415-424.	2.6	3
48	Differential toxic effects of food contaminant mixtures in HepaRG cells after single or repeated treatments. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2020, 850-851, 503161.	1.7	3
49	hOGG1 Gene Alterations in Human Clear Cell Carcinomas of The Kidney: Effect of Single Mutations in hOGG1 Gene on Substrate Specificity of The hOgg1 Protein. Advances in Experimental Medicine and Biology, 2001, 500, 617-620.	1.6	1