Mahara Valverde

List of Publications by Year
in descending order

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65 papers	2,522 citations	236925 25 h-index	206112 48 g-index
65 all docs	65 docs citations	65 times ranked	3463 citing authors

#	Article	IF	Citations
1	Interactions between miRNAs and Double-Strand Breaks DNA Repair Genes, Pursuing a Fine-Tuning of Repair. International Journal of Molecular Sciences, 2022, 23, 3231.	4.1	7
2	Role of Ape1 in Impaired DNA Repair Capacity in Battery Recycling Plant Workers Exposed to Lead. International Journal of Environmental Research and Public Health, 2022, 19, 7961.	2.6	1
3	The hCOMET project: International database comparison of results with the comet assay in human biomonitoring. Baseline frequency of DNA damage and effect of main confounders. Mutation Research - Reviews in Mutation Research, 2021, 787, 108371.	5.5	45
4	miR-27b-3p a Negative Regulator of DSB-DNA Repair. Genes, 2021, 12, 1333.	2.4	3
5	Sustained Activation of TNFÎ±-Induced DNA Damage Response in Newly Differentiated Adipocytes. International Journal of Molecular Sciences, 2021, 22, 10548.	4.1	2
6	Post-transcriptional regulation of Rad51c by miR-222 contributes cellular transformation. PLoS ONE, 2020, 15, e0221681.	2.5	3
7	MicroRNAs Regulate Metabolic Phenotypes During Multicellular Tumor Spheroids Progression. Frontiers in Oncology, 2020, 10, 582396.	2.8	3
8	As-Cd-Pb Mixture Induces Cellular Transformation via Post-Transcriptional Regulation of Rad51c by miR-222. Cellular Physiology and Biochemistry, 2019, 53, 910-920.	1.6	5
9	Lead facilitates foci formation in a Balb/c-3T3 two-step cell transformation model: role of Ape1 function. Environmental Science and Pollution Research, 2018, 25, 12150-12158.	5.3	1
10	Hydrogen Peroxide-Induced DNA Damage and Repair through the Differentiation of Human Adipose-Derived Mesenchymal Stem Cells. Stem Cells International, 2018, 2018, 1-10.	2.5	33
11	Glutathione depletion triggers actin cytoskeleton changes via actin-binding proteins. Genetics and Molecular Biology, 2018, 41, 475-487.	1.3	7
12	Human Papillomavirus Types 16 and 18 Early-expressed Proteins Differentially Modulate the Cellular Redox State and DNA Damage. International Journal of Biological Sciences, 2018, 14, 21-35.	6.4	44
13	Cytogenetic effects of Jacareubin from Calophyllum brasiliense on human peripheral blood mononucleated cells in vitro and on mouse polychromatic erythrocytes in vivo. Toxicology and Applied Pharmacology, 2017, 335, 6-15.	2.8	9
14	Assessing genotoxicity of diuron on Drosophila melanogaster by the wing-spot test and the wing imaginal disk comet assay. Toxicology and Industrial Health, 2017, 33, 443-453.	1.4	3
15	Evaluating the biological risk of functionalized multiwalled carbon nanotubes and functionalized oxygen-doped multiwalled carbon nanotubes as possible toxic, carcinogenic, and embryotoxic agents. International Journal of Nanomedicine, 2017, Volume 12, 7695-7707.	6.7	9
16	Oxidative stress during courtship affects male and female reproductive effort differentially in a wild bird with biparental care. Journal of Experimental Biology, 2016, 219, 3915-3926.	1.7	16
17	Metal mixture (Asâ€“Cdâ€“Pb)-induced cell transformation is modulated by OLA1. Mutagenesis, 2016, 31, 463-473.	2.6	6
18	Nuclear Transcription Factor Kappa B Downregulation Reduces Chemoresistance in Bone Marrow-derived Cells Through P-glycoprotein Modulation. Archives of Medical Research, 2016, 47, 78-88.	3.3	6

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19	Chapter 11. Comet Assay in Human Biomonitoring. Issues in Toxicology, 2016, , 264-313.	0.1	0
20	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	2.8	239
21	Causes of genome instability: the effect of low dose chemical exposures in modern society. Carcinogenesis, 2015, 36, S61-S88.	2.8	149
22	Epithelial cells as alternative human biomatrices for comet assay. Frontiers in Genetics, 2014, 5, 386.	2.3	23
23	mRNA and miRNA expression patterns associated to pathways linked to metal mixture health effects. Gene, 2014, 533, 508-514.	2.2	54
24	Assessing the impact of Asâ€“Cdâ€“Pb metal mixture on cell transformation by two-stage Balb/c 3T3 cell assay. Mutagenesis, 2014, 29, 251-257.	2.6	10
25	Genetic Structure and Diversity of Animal Populations Exposed to Metal Pollution. Reviews of Environmental Contamination and Toxicology, 2014, 227, 79-106.	1.3	11
26	Evidence of population genetic effects in Peromyscus melanophrys chronically exposed to mine tailings in Morelos, Mexico. Environmental Science and Pollution Research, 2013, 20, 7666-7679.	5.3	18
27	A metal mixture induces transformation upon antioxidant depletion in a hepatic cell line. Annals of Hepatology, 2013, 12, 315-324.	1.5	3
28	Differential DNA damage response to UV and hydrogen peroxide depending of differentiation stage in a neuroblastoma model. NeuroToxicology, 2012, 33, 1086-1095.	3.0	13
29	Launch of the ComNet (comet network) project on the comet assay in human population studies during the International Comet Assay Workshop meeting in Kusadasi, Turkey (September 13-16, 2011). Mutagenesis, 2012, 27, 385-386.	2.6	17
30	Comparison of two wild rodent species as sentinels of environmental contamination by mine tailings. Environmental Science and Pollution Research, 2012, 19, 1677-1686.	5.3	31
31	Developments in metastatic pancreatic cancer: Is gemcitabine still the standard?. World Journal of Gastroenterology, 2012, 18, 736.	3.3	61
32	Essential role of Nrf2 in protection against hydroquinone- and benzoquinone-induced cytotoxicity. Toxicology in Vitro, 2011, 25, 521-529.	2.4	44
33	Role of Oxidative Stress in Transformation Induced by Metal Mixture. Oxidative Medicine and Cellular Longevity, 2011, 2011, 1-11.	4.0	7
34	Induction of oxidative stress by low doses of lead in human hepatic cell line WRL-68. BioMetals, 2011, 24, 951-958.	4.1	8
35	Effects of atmospheric pollutants on the Nrf2 survival pathway. Environmental Science and Pollution Research, 2010, 17, 369-382.	5.3	48
36	DNA-AP sites generation by Etoposide in whole blood cells. BMC Cancer, 2009, 9, 398.	2.6	11

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37	Diethylthiophosphate and diethyldithiophosphate induce genotoxicity in hepatic cell lines when activated by further biotransformation via Cytochrome P450. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 679, 39-43.	1.7	21
38	Environmental and occupational biomonitoring using the Comet assay. Mutation Research - Reviews in Mutation Research, 2009, 681, 93-109.	5.5	143
39	Chapter 10. The Comet Assay in Human Biomonitoring. Issues in Toxicology, 2009, , 227-266.	0.1	0
40	Cholesterol Potentiates Î²-Amyloid-Induced Toxicity in Human Neuroblastoma Cells: Involvement of Oxidative Stress. Neurochemical Research, 2008, 33, 1509-1517.	3.3	41
41	Genotoxic Effects of Environmental Exposure to Arsenic and Lead on Children in Region Lagunera, Mexico. Annals of the New York Academy of Sciences, 2008, 1140, 358-367.	3.8	49
42	DNA damage in outdoor workers occupationally exposed to environmental air pollutants. Occupational and Environmental Medicine, 2006, 63, 230-236.	2.8	47
43	Survival and cell death in cells constitutively unable to synthesize glutathione. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2006, 594, 172-180.	1.0	9
44	Role of the Alkali Labile Sites, Reactive Oxygen Species and Antioxidants in DNA Damage Induced by Methylated Trivalent Metabolites of Inorganic Arsenic. BioMetals, 2005, 18, 493-506.	4.1	28
45	Genotoxic differences by sex in nasal epithelium and blood leukocytes in subjects residing in a highly polluted area. Environmental Research, 2004, 94, 243-248.	7.5	23
46	Cell survival and changes in gene expression in cells unable to synthesize glutathione. BioFactors, 2003, 17, 13-19.	5.4	5
47	Cellular and humoral responses to collagenÂ–polyvinylpyrrolidone administered during short and long periods in humans. Canadian Journal of Physiology and Pharmacology, 2003, 81, 1029-1035.	1.4	23
48	Nasal Cytology and Genotoxic Damage in Nasal Epithelium and Leukocytes: Asthmatics versus Nonasthmatics. International Archives of Allergy and Immunology, 2003, 130, 232-235.	2.1	4
49	Single-cell gel electrophoresis assay of nasal epithelium and leukocytes from asthmatic and nonasthmatic subjects in Mexico City. Archives of Environmental Health, 2003, 58, 348-52.	0.4	13
50	Genotoxicity induced in CD-1 mice by inhaled lead: differential organ response. Mutagenesis, 2002, 17, 55-61.	2.6	71
51	Is the capacity of lead acetate and cadmium chloride to induce genotoxic damage due to direct DNA-metal interaction?. Mutagenesis, 2001, 16, 265-270.	2.6	149
52	Erratum to â€œAccumulation of DNA damage in the organs of mice deficient in Î³-glutamyltranspeptidaseâ€• [Mutat. Res. 447 (2000) 305â€“316]. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 454, 111.	1.0	3
53	Accumulation of DNA damage in the organs of mice deficient in Î³-glutamyltranspeptidase. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 447, 305-316.	1.0	48
54	Induction of genotoxicity by cadmium chloride inhalation in several organs of CD-1 mice. Mutagenesis, 2000, 15, 109-114.	2.6	38

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55	Evaluation of DNA damage in exfoliated tear duct epithelial cells from individuals exposed to air pollution assessed by single cell gel electrophoresis assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 468, 11-17.	1.7	50
56	Single cell gel electrophoresis assay: methodology and applications. Biomedical Applications, 1999, 722, 225-254.	1.7	426
57	Genotoxic studies of vanadium pentoxide (V2O5) in male mice. II. Effects in several mouse tissues. Teratogenesis, Carcinogenesis, and Mutagenesis, 1999, 19, 243-255.	0.8	43
58	The application of single cell gel electrophoresis or comet assay to human monitoring studies. Salud Publica De Mexico, 1999, 41, S109-S113.	0.4	15
59	Analysis of the DNA damage induced by praziquantel in V-79 Chinese hamster fibroblasts and human blood cells using the single-cell gel electrophoresis assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 1998, 18, 41-47.	0.8	4
60	Analysis of the DNA damage induced by praziquantel in Vâ€79 Chinese hamster fibroblasts and human blood cells using the singleâ€cell gel electrophoresis assay. Teratogenesis, Carcinogenesis, and Mutagenesis, 1998, 18, 41-47.	0.8	0
61	DNA damage in leukocytes and buccal and nasal epithelial cells of individuals exposed to air pollution in Mexico City. , 1997, 30, 147-152.		83
62	Genotoxic effects of bistratene A on human lymphocytes. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1996, 367, 169-175.	1.2	13
63	DNA damage in exfoliated buccal cells of smokers assessed by the single cell gel electrophoresis assay. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1996, 370, 115-120.	1.2	86
64	Genotoxicity of vanadium pentoxide evaluate by the single cell gel electrophoresis assay in human lymphocytes. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1996, 359, 77-84.	0.4	63
65	Reprotoxic and genotoxic studies of vanadium pentoxide in male mice. Teratogenesis, Carcinogenesis, and Mutagenesis, 1996, 16, 7-17.	0.8	74