

# Sandra GÃ³mez-Arroyo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6535342/publications.pdf>

Version: 2024-02-01

53  
papers

1,450  
citations

331259

21  
h-index

329751

37  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Moss ( <i>Hypnum amabile</i> ) as biomonitor of genotoxic damage and as bioaccumulator of atmospheric pollutants at five different sites of Mexico City and metropolitan area. <i>Environmental Science and Pollution Research</i> , 2021, 28, 9849-9863.	2.7	4
2	<i>Robinsonecio gerberifolius</i> as a sentinel organism for atmospheric pollution by heavy metals in several sites of Mexico city and its metropolitan area. <i>Environmental Science and Pollution Research</i> , 2021, 28, 31032-31042.	2.7	3
3	Mutagenicity assessment of aflatoxin B1 exposed to essential oils. <i>LWT - Food Science and Technology</i> , 2021, 140, 110622.	2.5	8
4	Indicators of environmental contamination by heavy metals in leaves of <i>Taraxacum officinale</i> in two zones of the metropolitan area of Mexico City. <i>Environmental Science and Pollution Research</i> , 2018, 25, 4739-4749.	2.7	11
5	The effects of organophosphorus insecticides and heavy metals on DNA damage and programmed cell death in two plant models. <i>Environmental Pollution</i> , 2018, 240, 77-86.	3.7	43
6	<i>In vitro</i> cytotoxicity and genotoxicity of Furia <sup>®</sup> 180 SC (zeta-cypermethrin) and Bulldock 125 <sup>®</sup> SC ( $\beta$ -cyfluthrin) pyrethroid insecticides in human peripheral blood lymphocytes. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 268-278.	1.3	9
7	In situ biomonitoring of air quality in rural and urban environments of Mexico Valley through genotoxicity evaluated in wild plants. <i>Atmospheric Pollution Research</i> , 2018, 9, 119-125.	1.8	12
8	A Thermo-Cavitation Method to Determine Organochlorine Pesticides in Gas and Particle Phases Collected in Polyurethane Foam Used in Passive Air Samplers. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	4
9	Genotoxic evaluation of common commercial pesticides in human peripheral blood lymphocytes. <i>Toxicology and Industrial Health</i> , 2017, 33, 938-945.	0.6	10
10	COMPARISON OF ORGANOCHLORINE PESTICIDE LEVELS BETWEEN HUMAN BLOOD SERUM AND ADIPOSE TISSUE. <i>Revista Internacional De Contaminacion Ambiental</i> , 2017, 33, 393-401.	0.1	5
11	Genotoxic effects of the carbamate insecticide Pirimor-50 <sup>®</sup> in <i>Vicia faba</i> root tip meristems and human lymphocyte culture after direct application and treatment with its metabolic extracts. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2016, 67, 266-276.	0.4	6
12	Cytogenotoxicity of selected organophosphate insecticides on HaCaT keratinocytes and NL-20 human bronchial cells. <i>Chemosphere</i> , 2016, 145, 174-184.	4.2	5
13	Assessment of genotoxicity of Lannate-90 <sup>®</sup> and its plant and animal metabolites in human lymphocyte cultures. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2016, 67, 116-125.	0.4	6
14	Biomonitoring of agricultural workers exposed to pesticide mixtures in Guerrero state, Mexico, with comet assay and micronucleus test. <i>Environmental Science and Pollution Research</i> , 2016, 23, 2513-2520.	2.7	58
15	EVALUACIÃ“N DE LA CITOGENOTOXICIDAD DE UNA CERVEZA ELABORADA INDUSTRIALMENTE Y UNA CERVEZA DE ELABORACIÃ“N ARTESANAL. <i>BIOCYT BiologÃa Ciencia Y TecnologÃa</i> , 2016, 9, .	0.1	1
16	The microRNAs as potential biomarkers for predicting the onset of aflatoxin exposure in human beings: a review. <i>Frontiers in Microbiology</i> , 2014, 5, 102.	1.5	24
17	The role of plant metabolism in the mutagenic and cytotoxic effects of four organophosphorus insecticides in <i>Salmonella typhimurium</i> and in human cell lines. <i>Chemosphere</i> , 2013, 92, 1117-1125.	4.2	10
18	Composition and mutagenicity of PAHs associated with urban airborne particles in CÃ3rdoba, Argentina. <i>Environmental Pollution</i> , 2013, 178, 403-410.	3.7	58

#	ARTICLE	IF	CITATIONS
19	Aflatoxin (B <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> , and G <sub>2</sub> ) Contamination in Rice of Mexico and Spain, from Local Sources or Imported. <i>Journal of Food Science</i> , 2013, 78, T1822-9.	1.5	38
20	Evaluation of the genotoxic potential of dimethyl sulfoxide (DMSO) in meristematic cells of the root of <i>Vicia faba</i> . <i>Toxicology and Environmental Health Sciences</i> , 2012, 4, 154-160.	1.1	10
21	Evaluation of Genotoxic and Cytotoxic Effects in Human Peripheral Blood Lymphocytes Exposed In Vitro to Neonicotinoid Insecticides News. <i>Journal of Toxicology</i> , 2012, 2012, 1-11.	1.4	71
22	The Human MicroNucleus project on exfoliated buccal cells (HUMNXL): The role of life-style, host factors, occupational exposures, health status, and assay protocol. <i>Mutation Research - Reviews in Mutation Research</i> , 2011, 728, 88-97.	2.4	310
23	Solvent extracted organic matter and polycyclic aromatic hydrocarbons distributed in size-segregated airborne particles in a zone of Mexico City: Seasonal behavior and human exposure. <i>Atmospheric Environment</i> , 2010, 44, 122-130.	1.9	29
24	Effects of Atrazine and Fenoxaprop-Ethyl on Capacitation and the Acrosomal Reaction in Boar Sperm. <i>International Journal of Toxicology</i> , 2009, 28, 24-32.	0.6	18
25	Genotoxic biomonitoring of agricultural workers exposed to pesticides in the north of Sinaloa State, Mexico. <i>Environment International</i> , 2009, 35, 1155-1159.	4.8	71
26	Differential mutagenic response of <i>Salmonella typhimurium</i> to the plant-metabolized organophosphorus insecticides, phoxim and azinphos methyl. <i>Toxicology in Vitro</i> , 2007, 21, 950-955.	1.1	12
27	Metabolic activation of herbicide products by <i>Vicia faba</i> detected in human peripheral lymphocytes using alkaline single cell gel electrophoresis. <i>Toxicology in Vitro</i> , 2007, 21, 1143-1154.	1.1	24
28	Biodirected mutagenic chemical assay of PM10 extractable organic matter in Southwest Mexico City. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 634, 192-204.	0.9	39
29	Mutagenicity and polycyclic aromatic hydrocarbons associated with extractable organic matter from airborne particles $\leq 10\frac{1}{2}\mu\text{m}$ in southwest Mexico City. <i>Atmospheric Environment</i> , 2006, 40, 5845-5857.	1.9	37
30	Promutagen activation of triazine herbicides metribuzin and ametryn through <i>Vicia faba</i> metabolism inducing sister chromatid exchanges in human lymphocytes in vitro and in <i>V. faba</i> root tip meristems. <i>Toxicology in Vitro</i> , 2005, 19, 243-251.	1.1	17
31	Organochlorine Pesticide Levels in Blood Serum Samples Taken at Autopsy from Auto Accident Victims in Veracruz, Mexico. <i>Archives of Environmental Health</i> , 2004, 59, 441-448.	0.4	7
32	Antimutagenicity of coriander ( <i>Coriandrum sativum</i> ) juice on the mutagenesis produced by plant metabolites of aromatic amines. <i>Toxicology Letters</i> , 2004, 153, 283-292.	0.4	45
33	Cytogenetic study of metronidazole and three metronidazole analogues in cultured human lymphocytes with and without metabolic activation. <i>Toxicology in Vitro</i> , 2004, 18, 319-324.	1.1	9
34	The effects of seasonal weather on the genotoxicity, cytotoxicity and organochemical content of extracts of airborne particulates in Mexico City. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 558, 7-17.	0.9	20
35	Metabolic activation of three arylamines and two organophosphorus insecticides by coriander ( <i>Coriandrum sativum</i> ) a common edible vegetable. <i>Toxicology Letters</i> , 2001, 125, 39-49.	0.4	8
36	Biomonitoring of Pesticides by Plant Metabolism: An Assay Based on the Induction of Sister-Chromatid Exchanges in Human Lymphocyte Cultures by Promutagen Activation of <i>Vicia faba</i> . , 2001, , 439-455.		2

#	ARTICLE	IF	CITATIONS
37	Genetic Monitoring of Airborne Particles. , 2001, , 457-486.		3
38	Cytogenetic biomonitoring in a Mexican floriculture worker group exposed to pesticides. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 466, 117-124.	0.9	113
39	In vivo and in vitro promutagen activation by Vicia faba of thiocarbamate herbicides molinate and butylate to products inducing sister chromatid exchanges in human lymphocyte cultures. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 438, 81-88.	0.9	16
40	Genotoxicity of organic extracts of airborne particles in somatic cells of Drosophila melanogaster. Chemosphere, 1999, 39, 33-43.	4.2	25
41	Sister chromatid exchanges in Vicia faba induced by arsenic-contaminated drinking water from Zimapan, Hidalgo, Mexico. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1997, 394, 1-7.	0.9	27
42	Sister chromatid exchange in human lymphocytes induced by propoxur following plant activation by Vicia faba. Environmental and Molecular Mutagenesis, 1995, 26, 324-330.	0.9	12
43	Mutagenicity assessment of airborne particles in Mexico City. Atmospheric Environment, 1995, 29, 517-524.	1.9	37
44	Genotoxic activity of environmentally important polycyclic aromatic hydrocarbons and their nitro derivatives in the wing spot test of Drosophila melanogaster. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1995, 341, 235-247.	1.2	38
45	Cytogenetic Evaluation of the Effects of Chromium and Detergents in Vicia faba.. Cytologia, 1993, 58, 41-45.	0.2	3
46	Sister-chromatid exchange analysis in a rural population of Mexico exposed to pesticides. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 281, 173-179.	1.2	28
47	Induction of sister-chromatid exchanges in Vicia faba by arsenic-contaminated drinking water. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1988, 208, 219-224.	1.2	13
48	Vicia-faba - Sister chromatid exchanges of the organophosphorus insecticides methyl parathion, dimethoate, oxydemeton methyl, azinphos methyl and phoxim.. Cytologia, 1988, 53, 627-634.	0.2	7
49	Cytological detection of somatic mutations in Tradescantia induced by ethanol.. Cytologia, 1986, 51, 211-218.	0.2	4
50	Chromosomal alterations induced in Vicia faba by different industrial solvents: Thinner, toluene, benzene, n-hexane, n-heptane, and ethyl acetate.. Cytologia, 1986, 51, 133-142.	0.2	9
51	In vitro and occupational induction of sister-chromatid exchanges in human lymphocytes with furfuryl alcohol and furfural. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1985, 156, 233-238.	1.2	38
52	Chromosomal alterations induced by some chromium salts.. Cytologia, 1983, 48, 185-193.	0.2	12
53	Sister-chromatid exchanges induced by some chromium compounds in human lymphocytes in vitro. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1981, 90, 425-431.	1.2	21