Patricia P Ostrosky-Wegman

List of Publications by Year
in descending order

108 papers	4,275 citations	126708 33 h-index	128067 60 g-index
111 all docs	111 docs citations	111 times ranked	5023 citing authors

#	Article	IF	Citations
1	The potential role of COVID-19 in the induction of DNA damage. Mutation Research - Reviews in Mutation Research, 2022, 789, 108411.	2.4	18
2	Is Arsenic Exposure a Risk Factor for Metabolic Syndrome? A Review of the Potential Mechanisms. Frontiers in Endocrinology, 2022, 13, .	1.5	16
3	Landscape of Germline Genetic Variants in AGT, MGMT, and TP53 in Mexican Adult Patients with Astrocytoma. Cellular and Molecular Neurobiology, 2021, 41, 1285-1297.	1.7	5
4	Maternal overnutrition before and during pregnancy induces DNA damage in male offspring: A rabbit model. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2021, 865, 503324.	0.9	4
5	Prenatal Particulate Matter (PM) Exposure and Natriuretic Peptides in Newborns from Mexico City. International Journal of Environmental Research and Public Health, 2021, 18, 6546.	1.2	0
6	Arsenic-protein interactions as a mechanism of arsenic toxicity. Toxicology and Applied Pharmacology, 2021, 431, 115738.	1.3	27
7	Misadjustment of diurnal expression of core temperature and locomotor activity in lactating rabbits associated with maternal over-nutrition before and during pregnancy. PLoS ONE, 2020, 15, e0232400.	1.1	4
8	Sex differences in brain gene expression among suicide completers. Journal of Affective Disorders, 2020, 267, 67-77.	2.0	12
9	TUG is a calpain-10 substrate involved in the translocation of GLUT4 in adipocytes. Journal of Molecular Endocrinology, 2020, 65, 45-57.	1.1	4
10	Arsenic impairs GLUT1 trafficking through the inhibition of the calpain system in lymphocytes. Toxicology and Applied Pharmacology, 2019, 380, 114700.	1.3	6
11	Particulate matterâ€associated micronuclei frequencies in maternal and cord blood lymphocytes. Environmental and Molecular Mutagenesis, 2019, 60, 421-427.	0.9	15
12	Prenatal exposure to particulate matter and ozone: Bulky DNA adducts, plasma isoprostanes, allele risk variants, and neonate susceptibility in the Mexico City Metropolitan Area. Environmental and Molecular Mutagenesis, 2019, 60, 428-442.	0.9	10
13	Pesticide Exposure Modifies DNA Methylation of Coding Region of WRAP53Î±, an Antisense Sequence of p53, in a Mexican Population. Chemical Research in Toxicology, 2019, 32, 1441-1448.	1.7	11
14	Calpain Activity in Leukocytes Is Associated with Diabetes Biochemical Markers. Archives of Medical Research, 2019, 50, 451-460.	1.5	3
15	Angiotensinogen rs5050 germline genetic variant as potential biomarker of poor prognosis in astrocytoma. PLoS ONE, 2018, 13, e0206590.	1.1	13
16	Effects of arsenic on adipocyte metabolism: Is arsenic an obesogen?. Molecular and Cellular Endocrinology, 2017, 452, 25-32.	1.6	36
17	Epigenetic Regulation of Centromere Chromatin Stability by Dietary and Environmental Factors. Advances in Nutrition, 2017, 8, 889-904.	2.9	13
18	High HPgV replication is associated with improved surrogate markers of HIV progression. PLoS ONE, 2017, 12, e0184494.	1.1	17

#	Article	IF	Citations
19	Orally administered Taenia solium Calreticulin prevents experimental intestinal inflammation and is associated with a type 2 immune response. PLoS ONE, 2017, 12, e0186510.	1.1	9
20	Phytochemical study and evaluation of cytotoxic and genotoxic properties of extracts from Clusia latipes leaves. Revista Brasileira De Farmacognosia, 2016, 26, 44-49.	0.6	9
21	â€œMonoallelic germline methylation and sequence variant in the promoter of the RB1 gene: a possible constitutive epimutation in hereditary retinoblastomaâ€• Clinical Epigenetics, 2016, 8, 1.	1.8	93
22	Cytotoxic and genotoxic effects of extracts fromAnnona montanaM. fruit. Food and Agricultural Immunology, 2016, 27, 559-569.	0.7	14
23	Fanconi anemia cells with unrepaired DNA damage activate components of the checkpoint recovery process. Theoretical Biology and Medical Modelling, 2015, 12, 19.	2.1	18
24	Medicinal plants of Ecuador: a review of plants with anticancer potential and their chemical composition. Medicinal Chemistry Research, 2015, 24, 2283-2296.	1.1	15
25	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	1.3	239
26	A Permethrin/Allethrin Mixture Induces Genotoxicity and Cytotoxicity in Human Peripheral Blood Lymphocytes. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 7-14.	1.1	20
27	Phytometabolite Dehydroleucodine Induces Cell Cycle Arrest, Apoptosis, and DNA Damage in Human Astrocytoma Cells through p73/p53 Regulation. PLoS ONE, 2015, 10, e0136527.	1.1	16
28	RBP4 Gene Variants Are Associated with Insulin Resistance in Women with Previous Gestational Diabetes. Disease Markers, 2014, 2014, 1-6.	0.6	16
29	Development of anticancer drugs based on the hallmarks of tumor cells. Tumor Biology, 2014, 35, 3981-3995.	0.8	29
30	Role of Calpain-10 in the Development of Diabetes Mellitus and Its Complications. Archives of Medical Research, 2014, 45, 103-115.	1.5	34
31	The PXR rs7643645 Polymorphism Is Associated with the Risk of Higher Prostate-Specific Antigen Levels in Prostate Cancer Patients. PLoS ONE, 2014, 9, e99974.	1.1	11
32	Genotoxicity induced by Taenia solium and its reduction by immunization with calreticulin in a hamster model of taeniosis. Environmental and Molecular Mutagenesis, 2013, 54, 347-353.	0.9	10
33	The reduction of Calpain-10 expression is associated with risk polymorphisms in obese children. Gene, 2013, 516, 126-131.	1.0	9
34	Arsenic Exposure and Calpain-10 Polymorphisms Impair the Function of Pancreatic Beta-Cells in Humans: A Pilot Study of Risk Factors for T2DM. PLoS ONE, 2013, 8, e51642.	1.1	31
35	Hematological, Biochemical Effects, and Self-reported Symptoms in Pesticide Retailers. Journal of Occupational and Environmental Medicine, 2011, 53, 517-521.	0.9	29
36	Polymorphism in exon 4 of TP53 gene associated to HPV 16 and 18 in Mexican women with cervical cancer. Medical Oncology, 2011, 28, 1507-1513.	1.2	13

#	Article	IF	Citations
37	Micronuclei and pesticide exposure. Mutagenesis, 2011, 26, 19-26.	1.0	116
38	Arsenic-Induced Oxidative Stress: Evidence on In Vitro Models of Cardiovascular, Diabetes Mellitus Type 2 and Neurodegenerative Disorders. , 2011, , 659-680.		0
39	Biomonitoring of metal in children living in a mine tailings zone in Southern Mexico: A pilot study. International Journal of Hygiene and Environmental Health, 2010, 213, 252-258.	2.1	63
40	Suppression of p53 and p21^{CIP1/WAF1} Reduces Arsenite-Induced Aneuploidy. Chemical Research in Toxicology, 2010, 23, 357-364.	1.7	14
41	The role of paraoxonase polymorphisms in the induction of micronucleus in paraoxonâ€treated human lymphocytes. Environmental and Molecular Mutagenesis, 2009, 50, 823-829.	0.9	12
42	Relationship between micronuclei formation and p53 induction. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2009, 672, 124-128.	0.9	33
43	Thiopurine S-methyltransferase Gene (TMPT) polymorphisms in a Mexican population of healthy individuals and leukemic patients. Medical Oncology, 2008, 25, 56-62.	1.2	20
44	Lipid peroxidation in the cerebrospinal fluid of patients with neurocysticercosis. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2008, 102, 1025-1031.	0.7	5
45	Arsenite reduces insulin secretion in rat pancreatic Î²-cells by decreasing the calcium-dependent calpain-10 proteolysis of SNAP-25. Toxicology and Applied Pharmacology, 2008, 231, 291-299.	1.3	59
46	DNA damage in peripheral blood lymphocytes in patients during combined chemotherapy for breast cancer. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 640, 8-15.	0.4	36
47	The activity of calpains in lymphocytes is glucose-dependent and is decreased in diabetic patients. Blood Cells, Molecules, and Diseases, 2008, 40, 414-419.	0.6	11
48	p53 Response to Arsenic Exposure in Epithelial Cells: Protein Kinase B/Akt Involvement. Toxicological Sciences, 2007, 99, 126-140.	1.4	26
49	Determination of Amphetamine, Methamphetamine, and Hydroxyamphetamine Derivatives in Urine by Gas Chromatography-Mass Spectrometry and Its Relation to CYP2D6 Phenotype of Drug Users. Journal of Analytical Toxicology, 2007, 31, 31-36.	1.7	25
50	Micronuclei induced by airborne particulate matter from Mexico City. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2007, 631, 9-15.	0.9	29
51	mRNA expression of MAGE-A3 gene in leukemia cells. Leukemia Research, 2007, 31, 33-37.	0.4	32
52	Arsenic-induced alteration in the expression of genes related to type 2 diabetes mellitus. Toxicology and Applied Pharmacology, 2007, 225, 123-133.	1.3	93
53	p53 codon 72 polymorphism, DNA damage and repair, and risk of non-melanoma skin cancer. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2007, 619, 38-44.	0.4	24
54	Proapoptotic role of novel gene-expression factors. Clinical and Translational Oncology, 2007, 9, 355-363.	1.2	0

#	Article	IF	Citations
55	Synthesis and comparative molecular field analysis (CoMFA) of argentatin B derivatives as growth inhibitors of human cancer cell lines. Bioorganic and Medicinal Chemistry, 2006, 14, 1889-1901.	1.4	19
56	Sodium arsenite impairs insulin secretion and transcription in pancreatic Î²-cells. Toxicology and Applied Pharmacology, 2006, 214, 30-34.	1.3	101
57	Effect of chemical composition on the induction of DNA damage by urban airborne particulate matter. Environmental and Molecular Mutagenesis, 2006, 47, 199-211.	0.9	102
58	DNA damage, oxidative mutagen sensitivity, and repair of oxidative DNA damage in nonmelanoma skin cancer patients. Environmental and Molecular Mutagenesis, 2006, 47, 509-517.	0.9	19
59	Role of infectious diseases in human carcinogenesis. Environmental and Molecular Mutagenesis, 2005, 45, 284-303.	0.9	78
60	Evaluation of the cytotoxicity, cytostaticity and genotoxicity of Argentatins A and B from Parthenium argentatum (Gray). Life Sciences, 2005, 77, 2855-2865.	2.0	20
61	p53 Expression in circulating lymphocytes of non-melanoma skin cancer patients from an arsenic contaminated region in Mexico. A pilot study. Molecular and Cellular Biochemistry, 2004, 255, 25-31.	1.4	18
62	Helper T cell subpopulations from women are more susceptible to the toxic effect of sodium arsenite in vitro. Toxicology, 2004, 199, 121-128.	2.0	34
63	Relation between pesticide exposure and intrauterine growth retardation. Chemosphere, 2004, 55, 1421-1427.	4.2	58
64	Induction of DNA damage in human lymphocytes treated with a soluble factor secreted byTaenia solium metacestodes. Teratogenesis, Carcinogenesis, and Mutagenesis, 2003, 23, 79-83.	0.8	14
65	Sodium arsenite retards proliferation of PHA-activated T cells by delaying the production and secretion of IL-2. International Immunopharmacology, 2003, 3, 671-682.	1.7	46
66	Is metronidazole carcinogenic?. Mutation Research - Reviews in Mutation Research, 2002, 511, 133-144.	2.4	228
67	On cancer risks in second-generation immigrants to Sweden. International Journal of Cancer, 2002, 101, 298-298.	2.3	1
68	Cytotoxic and genotoxic effects of As, MMA, and DMA on leukocytes and stimulated human lymphocytes. Teratogenesis, Carcinogenesis, and Mutagenesis, 2001, 21, 249-260.	0.8	60
69	In Vitro Effects of Albendazole and Its Metabolites on the Cell Proliferation Kinetics and Micronuclei Frequency of Stimulated Human Lymphocytes. Archives of Medical Research, 2001, 32, 119-122.	1.5	25
70	Do helminths play a role in carcinogenesis?. Trends in Parasitology, 2001, 17, 172-175.	1.5	39
71	Possible association between Taenia solium cysticercosis and cancer: increased frequency of DNA damage in peripheral lymphocytes from neurocysticercosis patients. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2000, 94, 61-65.	0.7	35
72	Structural improvement of higher education in environmental toxicology in Latin America and Europe. Toxicology Letters, 2000, 111, 203-211.	0.4	5

#	Article	IF	Citations
73	Possible Relationship Between Neurocysticercosis and Hematological Malignancies. Archives of Medical Research, 1999, 30, 154-158.	1.5	33
74	Sodium Arsenite Reduces Proliferation of Human Activated T-Cells by Inhibition of the Secretion of Interleukin-2. Immunopharmacology and Immunotoxicology, 1999, 21, 203-220.	1.1	66
75	Are metals dietary carcinogens?. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 443, 157-181.	0.9	146
76	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
77	In vitro induction of micronuclei in lymphocytes: the use of bromodeoxyuridine as a proliferation marker. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1997, 391, 135-141.	0.9	13
78	Cytogenetic effects in human exposure to arsenic. Mutation Research - Reviews in Mutation Research, 1997, 386, 219-228.	2.4	166
79	Disruption of microtubule assembly and spindle formation as a mechanism for the induction of aneuploid cells by sodium arsenite and vanadium pentoxide. Mutation Research - Reviews in Mutation Research, 1997, 386, 291-298.	2.4	153
80	Altered profile of urinary arsenic metabolites in adults with chronic arsenicism. Archives of Toxicology, 1997, 71, 211-217.	1.9	181
81	DNA damage in leukocytes and buccal and nasal epithelial cells of individuals exposed to air pollution in Mexico City. , 1997, 30, 147-152.		83
82	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
83	Genotoxic effects of metronidazole. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1996, 370, 75-80.	1.2	46
84	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
85	Effects of metronidazole and its metabolites on histamine immunosuppression activity. Life Sciences, 1996, 59, 285-297.	2.0	12
86	Genotoxic effects of Karwinskia humboldtiana toxin T-514 in peripheral blood lymphocytes. Anti-Cancer Drugs, 1996, 7, 710-715.	0.7	7
87	Induced mitotic death of HeLa cells by abnormal expression of c-H-ras. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 349, 173-182.	0.4	35
88	Effect of hydroxyurea and normal plasma on DNA synthesis in lymphocytes from Fanconi anemia patients. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1996, 357, 115-121.	0.4	11
89	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
90	Cyclophosphamide: Review of its mutagenicity for an assessment of potential germ cell risks. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1995, 330, 115-181.	0.4	235

#	Article	IF	Citations
91	Aneugenic effect of sodium arsenite on human lymphocytes in vitro: an individual susceptibility effect detected. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1995, 334, 365-373.	0.4	103
92	Altered Urinary Porphyrin Excretion in a Human Po p ulation Chronically Exposed to Arsenic in Mexico. Human and Experimental Toxicology, 1994, 13, 839-847.	1.1	67
93	Lymphocyte proliferation kinetics and sister-chromatid exchanges in individuals treated with metronidazole. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 305, 133-137.	0.4	20
94	Evaluation of the carcinogenic and genotoxic potential of praziquantel in the Syrian hamster embryo cell transformation assay. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 305, 175-180.	0.4	8
95	Mutation at the HPRT locus in patients with neurocysticercosis treated with praziquantel. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 305, 181-188.	0.4	18
96	Immune response impairment, genotoxicity and morphological transformation induced by Taenia solium metacestode. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 305, 223-228.	0.4	27
97	Metronidazole hprt mutation induction in sheep and the relationship with its elimination rate. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1994, 307, 253-259.	0.4	11
98	The insecticide buprofezin induces morphological transformation and kinetochore-positive micronuclei in cultured Syrian hamster embryo cells in the absence of detectable DNA damage. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1993, 303, 121-125.	1.2	9
99	Mutagenic activity of urban air samples and its modulation by chili extracts. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1993, 303, 55-61.	1.2	24
100	Antimutagenicity of cyclohexanol towards 4-(N-nitrosomethylamino)-1-(3-pyridil)-1-butanone and N-nitrosodiethylamine in Salmonella typhimurium strain TA100. Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure, 1993, 300, 151-154.	1.2	5
101	Mitotic index and cell proliferation kinetics for identification of antineoplastic activity. Anti-Cancer Drugs, 1993, 4, 637-640.	0.7	90
102	Effects of progesterone and estradiol on the proliferation of phytohemagglutinin-stimulated human lymphocytes. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 270, 211-218.	0.4	19
103	Are mitotic index and lymphocyte proliferation kinetics reproducible endpoints in genetic toxicology testing?. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 282, 283-286.	1.2	34
104	Inorganic arsenic effects on human lymphocyte stimulation and proliferation. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 283, 91-95.	1.2	53
105	Changes in the proliferation of human lymphocytes induced by several cytostatics and revealed by the premature chromosome condensation technique. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 263, 101-106.	1.2	8
106	A Pilot Study on the Urinary Excretion of Porphyrins in Human Populations Chronically Exposed to Arsenic in Mexico. Human and Experimental Toxicology, 1991, 10, 189-193.	1.1	38
107	The use of bromodeoxyuridine labeling in the human lymphocyte HGPRT somatic mutation assay. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1987, 191, 211-214.	1.2	20
108	Susceptibility to genotoxic effects of niclosamide in human peripheral lymphocytes exposed in vitro and in vivo. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1986, 173, 81-87.	1.2	36