

Patricia P Ostrosky-Wegman

List of Publications by Year
in descending order

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108
papers

4,275
citations

126907

33
h-index

128289

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.	5.5	18
2	Is Arsenic Exposure a Risk Factor for Metabolic Syndrome? A Review of the Potential Mechanisms. Frontiers in Endocrinology, 2022, 13, .	3.5	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.	3.3	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.	1.7	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.	2.6	0
6	Arsenic-protein interactions as a mechanism of arsenic toxicity. Toxicology and Applied Pharmacology, 2021, 431, 115738.	2.8	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.	2.5	4
8	Sex differences in brain gene expression among suicide completers. Journal of Affective Disorders, 2020, 267, 67-77.	4.1	12
9	TUG is a calpain-10 substrate involved in the translocation of GLUT4 in adipocytes. Journal of Molecular Endocrinology, 2020, 65, 45-57.	2.5	4
10	Arsenic impairs GLUT1 trafficking through the inhibition of the calpain system in lymphocytes. Toxicology and Applied Pharmacology, 2019, 380, 114700.	2.8	6
11	Particulate matter-associated micronuclei frequencies in maternal and cord blood lymphocytes. Environmental and Molecular Mutagenesis, 2019, 60, 421-427.	2.2	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.	2.2	10
13	Pesticide Exposure Modifies DNA Methylation of Coding Region of <i>WRAP53</i> , an Antisense Sequence of <i>p53</i> , in a Mexican Population. Chemical Research in Toxicology, 2019, 32, 1441-1448.	3.3	11
14	Calpain Activity in Leukocytes Is Associated with Diabetes Biochemical Markers. Archives of Medical Research, 2019, 50, 451-460.	3.3	3
15	Angiotensinogen rs5050 germline genetic variant as potential biomarker of poor prognosis in astrocytoma. PLoS ONE, 2018, 13, e0206590.	2.5	13
16	Effects of arsenic on adipocyte metabolism: Is arsenic an obesogen?. Molecular and Cellular Endocrinology, 2017, 452, 25-32.	3.2	36
17	Epigenetic Regulation of Centromere Chromatin Stability by Dietary and Environmental Factors. Advances in Nutrition, 2017, 8, 889-904.	6.4	13
18	High HPgV replication is associated with improved surrogate markers of HIV progression. PLoS ONE, 2017, 12, e0184494.	2.5	17

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19	Orally administered <i>Taenia solium</i> Calreticulin prevents experimental intestinal inflammation and is associated with a type 2 immune response. PLoS ONE, 2017, 12, e0186510.	2.5	9
20	Phytochemical study and evaluation of cytotoxic and genotoxic properties of extracts from <i>Clusia latipes</i> leaves. Revista Brasileira De Farmacognosia, 2016, 26, 44-49.	1.4	9
21	“Monoallelic germline methylation and sequence variant in the promoter of the RB1 gene: a possible constitutive epimutation in hereditary retinoblastoma” Clinical Epigenetics, 2016, 8, 1.	4.1	93
22	Cytotoxic and genotoxic effects of extracts from <i>Annona montana</i> M. fruit. Food and Agricultural Immunology, 2016, 27, 559-569.	1.4	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.	2.4	15
25	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
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.	2.3	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.	2.5	16
28	RBP4 Gene Variants Are Associated with Insulin Resistance in Women with Previous Gestational Diabetes. Disease Markers, 2014, 2014, 1-6.	1.3	16
29	Development of anticancer drugs based on the hallmarks of tumor cells. Tumor Biology, 2014, 35, 3981-3995.	1.8	29
30	Role of Calpain-10 in the Development of Diabetes Mellitus and Its Complications. Archives of Medical Research, 2014, 45, 103-115.	3.3	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.	2.5	11
32	Genotoxicity induced by <i>Taenia solium</i> and its reduction by immunization with calreticulin in a hamster model of taeniosis. Environmental and Molecular Mutagenesis, 2013, 54, 347-353.	2.2	10
33	The reduction of Calpain-10 expression is associated with risk polymorphisms in obese children. Gene, 2013, 516, 126-131.	2.2	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.	2.5	31
35	Hematological, Biochemical Effects, and Self-reported Symptoms in Pesticide Retailers. Journal of Occupational and Environmental Medicine, 2011, 53, 517-521.	1.7	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.	2.5	13

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37	Micronuclei and pesticide exposure. <i>Mutagenesis</i> , 2011, 26, 19-26.	2.6	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. <i>International Journal of Hygiene and Environmental Health</i> , 2010, 213, 252-258.	4.3	63
40	Suppression of p53 and p21 ^{CIP1/WAF1} Reduces Arsenite-Induced Aneuploidy. <i>Chemical Research in Toxicology</i> , 2010, 23, 357-364.	3.3	14
41	The role of paraoxonase polymorphisms in the induction of micronucleus in paraoxon-treated human lymphocytes. <i>Environmental and Molecular Mutagenesis</i> , 2009, 50, 823-829.	2.2	12
42	Relationship between micronuclei formation and p53 induction. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 672, 124-128.	1.7	33
43	Thiopurine S-methyltransferase Gene (TMPT) polymorphisms in a Mexican population of healthy individuals and leukemic patients. <i>Medical Oncology</i> , 2008, 25, 56-62.	2.5	20
44	Lipid peroxidation in the cerebrospinal fluid of patients with neurocysticercosis. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, 1025-1031.	1.8	5
45	Arsenite reduces insulin secretion in rat pancreatic β -cells by decreasing the calcium-dependent calpain-10 proteolysis of SNAP-25. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 291-299.	2.8	59
46	DNA damage in peripheral blood lymphocytes in patients during combined chemotherapy for breast cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 640, 8-15.	1.0	36
47	The activity of calpains in lymphocytes is glucose-dependent and is decreased in diabetic patients. <i>Blood Cells, Molecules, and Diseases</i> , 2008, 40, 414-419.	1.4	11
48	p53 Response to Arsenic Exposure in Epithelial Cells: Protein Kinase B/Akt Involvement. <i>Toxicological Sciences</i> , 2007, 99, 126-140.	3.1	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. <i>Journal of Analytical Toxicology</i> , 2007, 31, 31-36.	2.8	25
50	Micronuclei induced by airborne particulate matter from Mexico City. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 631, 9-15.	1.7	29
51	mRNA expression of MAGE-A3 gene in leukemia cells. <i>Leukemia Research</i> , 2007, 31, 33-37.	0.8	32
52	Arsenic-induced alteration in the expression of genes related to type 2 diabetes mellitus. <i>Toxicology and Applied Pharmacology</i> , 2007, 225, 123-133.	2.8	93
53	p53 codon 72 polymorphism, DNA damage and repair, and risk of non-melanoma skin cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007, 619, 38-44.	1.0	24
54	Proapoptotic role of novel gene-expression factors. <i>Clinical and Translational Oncology</i> , 2007, 9, 355-363.	2.4	0

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55	Synthesis and comparative molecular field analysis (CoMFA) of argentatin B derivatives as growth inhibitors of human cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 1889-1901.	3.0	19
56	Sodium arsenite impairs insulin secretion and transcription in pancreatic β -cells. <i>Toxicology and Applied Pharmacology</i> , 2006, 214, 30-34.	2.8	101
57	Effect of chemical composition on the induction of DNA damage by urban airborne particulate matter. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 199-211.	2.2	102
58	DNA damage, oxidative mutagen sensitivity, and repair of oxidative DNA damage in nonmelanoma skin cancer patients. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 509-517.	2.2	19
59	Role of infectious diseases in human carcinogenesis. <i>Environmental and Molecular Mutagenesis</i> , 2005, 45, 284-303.	2.2	78
60	Evaluation of the cytotoxicity, cytostaticity and genotoxicity of Argentatins A and B from <i>Parthenium argentatum</i> (Gray). <i>Life Sciences</i> , 2005, 77, 2855-2865.	4.3	20
61	p53 Expression in circulating lymphocytes of non-melanoma skin cancer patients from an arsenic contaminated region in Mexico. A pilot study. <i>Molecular and Cellular Biochemistry</i> , 2004, 255, 25-31.	3.1	18
62	Helper T cell subpopulations from women are more susceptible to the toxic effect of sodium arsenite in vitro. <i>Toxicology</i> , 2004, 199, 121-128.	4.2	34
63	Relation between pesticide exposure and intrauterine growth retardation. <i>Chemosphere</i> , 2004, 55, 1421-1427.	8.2	58
64	Induction of DNA damage in human lymphocytes treated with a soluble factor secreted by <i>Taenia solium</i> metacystodes. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 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. <i>International Immunopharmacology</i> , 2003, 3, 671-682.	3.8	46
66	Is metronidazole carcinogenic?. <i>Mutation Research - Reviews in Mutation Research</i> , 2002, 511, 133-144.	5.5	228
67	On cancer risks in second-generation immigrants to Sweden. <i>International Journal of Cancer</i> , 2002, 101, 298-298.	5.1	1
68	Cytotoxic and genotoxic effects of As, MMA, and DMA on leukocytes and stimulated human lymphocytes. <i>Teratogenesis, Carcinogenesis, and Mutagenesis</i> , 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. <i>Archives of Medical Research</i> , 2001, 32, 119-122.	3.3	25
70	Do helminths play a role in carcinogenesis?. <i>Trends in Parasitology</i> , 2001, 17, 172-175.	3.3	39
71	Possible association between <i>Taenia solium</i> cysticercosis and cancer: increased frequency of DNA damage in peripheral lymphocytes from neurocysticercosis patients. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2000, 94, 61-65.	1.8	35
72	Structural improvement of higher education in environmental toxicology in Latin America and Europe. <i>Toxicology Letters</i> , 2000, 111, 203-211.	0.8	5

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73	Possible Relationship Between Neurocysticercosis and Hematological Malignancies. Archives of Medical Research, 1999, 30, 154-158.	3.3	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.	2.4	66
75	Are metals dietary carcinogens?. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 1999, 443, 157-181.	1.7	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.	1.7	13
78	Cytogenetic effects in human exposure to arsenic. Mutation Research - Reviews in Mutation Research, 1997, 386, 219-228.	5.5	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.	5.5	153
80	Altered profile of urinary arsenic metabolites in adults with chronic arsenicism. Archives of Toxicology, 1997, 71, 211-217.	4.2	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.	4.3	12
86	Genotoxic effects of Karwinskia humboldtiana toxin T-514 in peripheral blood lymphocytes. Anti-Cancer Drugs, 1996, 7, 710-715.	1.4	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.	1.0	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.	1.0	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.	1.0	235

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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 Population Chronically Exposed to Arsenic in Mexico. Human and Experimental Toxicology, 1994, 13, 839-847.	2.2	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.	1.0	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.	1.0	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.	1.0	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.	1.0	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.	1.0	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.	1.1	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.	1.1	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.	1.4	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.	1.0	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.	1.1	34
104	Inorganic arsenic effects on human lymphocyte stimulation and proliferation. Mutation Research-Fundamental and Molecular Mechanisms of Mutagenesis, 1992, 283, 91-95.	1.1	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.	1.1	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.	2.2	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.	1.1	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.	1.1	36