Luz Maria Del Razo

List of Publications by Year in descending order

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127 papers

7,956 citations

46 h-index

57681

87 g-index

137 all docs

137 does citations

137 times ranked

7788 citing authors

#	Article	IF	CITATIONS
1	Impact of Cadmium Mediated by Tobacco Use in Musculoskeletal Diseases. Biological Trace Element Research, 2022, 200, 2008-2015.	1.9	5
2	Arsenic and Fluoride in the Drinking Water in Tula City, México: Challenges and Lessons Learned. Water, Air, and Soil Pollution, 2022, 233, .	1.1	0
3	Prestin and otolin-1 proteins in the hearing loss of adults chronically exposed to lead. Toxicology and Applied Pharmacology, 2021, 426, 115651.	1.3	7
4	Melatonin pharmacophoric motifs in the anancomeric spiranic oxindole-cycloalkane scaffold: Theoretical and 1H NMR conformational analysis. Journal of Molecular Structure, 2020, 1202, 127267.	1.8	1
5	Effect of cadmium on the concentration of essential metals in a human chondrocyte micromass culture. Journal of Trace Elements in Medicine and Biology, 2020, 62, 126614.	1.5	14
6	Natriuretic peptides and echocardiographic parameters in Mexican children environmentally exposed to arsenic. Toxicology and Applied Pharmacology, 2020, 403, 115164.	1.3	4
7	Mesothelin, Calretinin, and Megakaryocyte Potentiating Factor as Biomarkers of Malignant Pleural Mesothelioma. Lung, 2019, 197, 641-649.	1.4	18
8	Prenatal exposure to metals modified DNA methylation and the expression of antioxidant- and DNA defense-related genes in newborns in an urban area. Journal of Trace Elements in Medicine and Biology, 2019, 55, 110-120.	1.5	18
9	Fluoride exposure is associated with altered metabolism of arsenic in an adult Mexican population. Science of the Total Environment, 2019, 684, 621-628.	3.9	20
10	Evaluation of plasma arsenicals as potential biomarkers of exposure to inorganic arsenic. Journal of Exposure Science and Environmental Epidemiology, 2019, 29, 718-729.	1.8	12
11	One-carbon metabolism nutrient intake and the association between body mass index and urinary arsenic metabolites in adults in the Chihuahua cohort. Environment International, 2019, 123, 292-300.	4.8	14
12	Evaluation of vascular and kidney injury biomarkers in Mexican children exposed to inorganic fluoride. Environmental Research, 2019, 169, 220-228.	3.7	24
13	Circulating miRNAs Associated with Arsenic Exposure. Environmental Science & Emp; Technology, 2018, 52, 14487-14495.	4.6	25
14	Evaluation of kidney injury biomarkers in an adult Mexican population environmentally exposed to fluoride and low arsenic levels. Toxicology and Applied Pharmacology, 2018, 352, 97-106.	1.3	53
15	Potential Co-exposure to Arsenic and Fluoride and Biomonitoring Equivalents for Mexican Children. Annals of Global Health, 2018, 84, 257-273.	0.8	38
16	The ADMA/DDAH/NO pathway in human vein endothelial cells exposed to arsenite. Toxicology in Vitro, 2017, 42, 281-286.	1.1	6
17	Chronic Exposure to Arsenic and Markers of Cardiometabolic Risk: A Cross-Sectional Study in Chihuahua, Mexico. Environmental Health Perspectives, 2016, 124, 104-111.	2.8	96
18	Association Between Variants in Arsenic (+3 Oxidation State) Methyltranserase (<i>AS3MT</i>) and Urinary Metabolites of Inorganic Arsenic: Role of Exposure Level. Toxicological Sciences, 2016, 153, 112-123.	1.4	14

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19	Subâ€chronic exposure to fluoride impacts the response to a subsequent nephrotoxic treatment with gentamicin. Journal of Applied Toxicology, 2016, 36, 309-319.	1.4	10
20	Fluoride: An underestimated nephrotoxic. Toxicology Letters, 2016, 259, S13.	0.4	0
21	Comparative urinary miRNAs expression and cystatin C level in adults chronically exposed to fluoride through drinking water. Toxicology Letters, 2016, 259, S115.	0.4	0
22	Arsenic metabolism profile in an adult population environmentally co-exposed to fluoride and moderate level of arsenic. Toxicology Letters, 2016, 259, S121.	0.4	1
23	Polymorphism of PON1 192 was not associated with atherogenic marker in rural communities of the state of Chihuahua, Mexico exposed to fluoride. Toxicology Letters, 2016, 259, S133.	0.4	0
24	Biomonitoring of lead in whole blood and neurotoxicity risk in resident adults from non-mining rural communities in Veracruz. Toxicology Letters, 2016, 259, S168.	0.4	0
25	Mitochondrial DNA copy number in Mexican children co-exposed to inorganic arsenic and fluoride from Zacatecas, Mexico. Toxicology Letters, 2016, 259, S126.	0.4	1
26	Ibervillea sonorae root extract modifies glucose uptake and GLUT4 plasma membrane translocation in L6-GLUT4myc muscle cells. Toxicology Letters, 2016, 259, S196.	0.4	0
27	Pretreatment of human hair for the determination of trace metals by ICP–MS. Toxicology Letters, 2016, 259, S89.	0.4	0
28	Effects of inorganic arsenic exposure on glucose transporters and insulin receptor in the hippocampus of C57BL/6 male mice. Neurotoxicology and Teratology, 2016, 54, 68-77.	1.2	12
29	Neurological effects of inorganic arsenic exposure: altered cysteine/glutamate transport, NMDA expression and spatial memory impairment. Frontiers in Cellular Neuroscience, 2015, 9, 21.	1.8	82
30	A Concurrent Exposure to Arsenic and Fluoride from Drinking Water in Chihuahua, Mexico. International Journal of Environmental Research and Public Health, 2015, 12, 4587-4601.	1.2	71
31	Prenatal Exposure to Sodium Arsenite Alters Placental Glucose 1, 3, and 4 Transporters in Balb/c Mice. BioMed Research International, 2015, 2015, 1-9.	0.9	8
32	Identification of Novel Gene Targets and Putative Regulators of Arsenic-Associated DNA Methylation in Human Urothelial Cells and Bladder Cancer. Chemical Research in Toxicology, 2015, 28, 1144-1155.	1.7	26
33	Metabolomic Characteristics of Arsenic-Associated Diabetes in a Prospective Cohort in Chihuahua, Mexico. Toxicological Sciences, 2015, 144, 338-346.	1.4	44
34	Bismuth-based nanoparticles as the environmentally friendly replacement for lead-based piezoelectrics. RSC Advances, 2015, 5, 27295-27304.	1.7	29
35	Blood Pressure, Left Ventricular Geometry, and Systolic Function in Children Exposed to Inorganic Arsenic. Environmental Health Perspectives, 2015, 123, 629-635.	2.8	33
36	Associations between Arsenic Species in Exfoliated Urothelial Cells and Prevalence of Diabetes among Residents of Chihuahua, Mexico. Environmental Health Perspectives, 2014, 122, 1088-1094.	2.8	48

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37	Nuclear factor erythroid 2-related factor gene variants and susceptibility of arsenic-related skin lesions. Human and Experimental Toxicology, 2014, 33, 582-589.	1.1	5
38	Oxidative Stress, Redox Signaling, and Autophagy: Cell Death <i>Versus</i> Survival. Antioxidants and Redox Signaling, 2014, 21, 66-85.	2.5	352
39	Antioxidant gene therapy against neuronal cell death. , 2014, 142, 206-230.		120
40	Fluoride exposure regulates the elongation phase of protein synthesis in cultured Bergmann glia cells. Toxicology Letters, 2014, 229, 126-133.	0.4	24
41	Urinary arsenic levels influenced by abandoned mine tailings in the Southernmost Baja California Peninsula, Mexico. Environmental Geochemistry and Health, 2014, 36, 845-854.	1.8	18
42	Distributed lag associations between respiratory illnesses and mortality with suspended particle concentration in Tula, a highly polluted industrial region in Central Mexico. International Archives of Occupational and Environmental Health, 2013, 86, 321-332.	1.1	2
43	Proximal renal tubular injury in rats sub-chronically exposed to low fluoride concentrations. Toxicology and Applied Pharmacology, 2013, 272, 888-894.	1.3	30
44	Effect of Selenomethionine Supplementation in Food on the Excretion and Toxicity of Arsenic Exposure in Female Mice. Biological Trace Element Research, 2013, 156, 279-287.	1.9	27
45	Arsenic and the Epigenome: Interindividual Differences in Arsenic Metabolism Related to Distinct Patterns of DNA Methylation. Journal of Biochemical and Molecular Toxicology, 2013, 27, 106-115.	1.4	97
46	Carotid Intima-Media Thickness and Plasma Asymmetric Dimethylarginine in Mexican Children Exposed to Inorganic Arsenic. Environmental Health Perspectives, 2013, 121, 1090-1096.	2.8	57
47	Environmental exposure to arsenic, AS3MT polymorphism and prevalence of diabetes in Mexico. Journal of Exposure Science and Environmental Epidemiology, 2013, 23, 151-155.	1.8	51
48	Identification of the GST-T1 and GST-M1Null Genotypes Using High Resolution Melting Analysis. Chemical Research in Toxicology, 2012, 25, 216-224.	1.7	8
49	Association of glutathione S-transferase Ω 1-1 polymorphisms (A140D and E208K) with the expression of interleukin-8 (IL-8), transforming growth factor beta (TGF-β), and apoptotic protease-activating factor 1 (Apaf-1) in humans chronically exposed to arsenic in drinking water. Archives of Toxicology, 2012, 86, 857-868.	1.9	23
50	Potable Water Pollution with Heavy Metals, Arsenic, and Fluorides and Chronic Kidney Disease in Infant Population of Aguascalientes. Hexagon Series on Human and Environmental Security and Peace, 2012, , 231-238.	0.2	4
51	Epigenetic Changes in Individuals with Arsenicosis. Chemical Research in Toxicology, 2011, 24, 165-167.	1.7	147
52	Chronic exposure to inorganic arsenic in children influences concentration of nitric oxide metabolites in plasma and urine. Toxicology Letters, 2011, 205, S85.	0.4	0
53	Exposure to arsenic in drinking water is associated with increased prevalence of diabetes: a cross-sectional study in the Zimap \tilde{A}_l n and Lagunera regions in Mexico. Environmental Health, 2011, 10, 73.	1.7	182
54	NADPH oxidase participates in the oxidative damage caused by fluoride in rat spermatozoa. Protective role of⟨i⟩α⟨/i⟩â€tocopherol. Journal of Applied Toxicology, 2011, 31, 579-588.	1.4	8

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55	Arsenite Exposure Downregulates EAAT1/GLAST Transporter Expression in Glial Cells. Toxicological Sciences, 2011, 122, 539-550.	1.4	32
56	Dose-dependent urinary phenotype of inorganic arsenic methylation in mice with a focus on trivalent methylated metabolites. Toxicology Mechanisms and Methods, 2011, 21, 649-655.	1.3	11
57	Molecular mechanisms of fluoride toxicity. Chemico-Biological Interactions, 2010, 188, 319-333.	1.7	756
58	Arsenic(III) methylation in betaine–nontronite clay–water suspensions under environmental conditions. Journal of Hazardous Materials, 2010, 178, 450-454.	6.5	4
59	Arsenite induces aquaglyceroporin 9 expression in murine livers. Environmental Research, 2010, 110, 443-447.	3.7	17
60	Arsenic species, AS3MT amount, and AS3MT gen expression in different brain regions of mouse exposed to arsenite. Environmental Research, 2010, 110, 428-434.	3.7	91
61	Association of AS3MT polymorphisms and the risk of premalignant arsenic skin lesions. Toxicology and Applied Pharmacology, 2009, 239, 200-207.	1.3	104
62	Preface: Spain Arsenic Meeting. Toxicology and Applied Pharmacology, 2009, 239, 127-129.	1.3	0
63	Fluoride exposure impairs glucose tolerance via decreased insulin expression and oxidative stress. Toxicology, 2009, 263, 75-83.	2.0	100
64	The effects of fluoride on cell migration, cell proliferation, and cell metabolism in GH4C1 pituitary tumour cells. Toxicology Letters, 2009, 190, 179-186.	0.4	35
65	The protective effect of alpha-tocopherol against dichromate-induced renal tight junction damage is mediated via ERK1/2. Toxicology Letters, 2009, 191, 279-288.	0.4	23
66	Effect of dietary selenium deficiency on the in vitro fertilizing ability of mice spermatozoa. Cell Biology and Toxicology, 2008, 24, 321-329.	2.4	38
67	Inorganic arsenic exposure affects pain behavior and inflammatory response in rat. Toxicology and Applied Pharmacology, 2008, 229, 374-385.	1.3	13
68	Decreased in vitro fertility in male rats exposed to fluoride-induced oxidative stress damage and mitochondrial transmembrane potential loss. Toxicology and Applied Pharmacology, 2008, 230, 352-357.	1.3	104
69	Speciation of Arsenic in Exfoliated Urinary Bladder Epithelial Cells from Individuals Exposed to Arsenic in Drinking Water. Environmental Health Perspectives, 2008, 116, 1656-1660.	2.8	33
70	Tissue Levels of Arsenicals and Skin Tumor Response Following Administration of Monomethylarsonous Acid and Arsenite to K6/ODC Mice. Journal of Environmental Pathology, Toxicology and Oncology, 2008, 27, 43-52.	0.6	12
71	Inorganic arsenic exposure and type 2 diabetes mellitus in Mexico. Environmental Research, 2007, 104, 383-389.	3.7	156
72	Non-optimal levels of dietary selenomethionine alter splenocyte response and modify oxidative stress markers in female mice. Food and Chemical Toxicology, 2007, 45, 1147-1153.	1.8	36

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73	Functional and morphological effects of repeated sodium arsenite exposure on rat peripheral sensory nerves. Journal of the Neurological Sciences, 2007, 258, 104-110.	0.3	27
74	Chronic arsenic exposure increases TGFalpha concentration in bladder urothelial cells of Mexican populations environmentally exposed to inorganic arsenic. Toxicology and Applied Pharmacology, 2007, 222, 264-270.	1.3	36
75	Arsenite induced oxidative damage in mouse liver is associated with increased cytokeratin 18 expression. Archives of Toxicology, 2007, 81, 619-626.	1.9	21
76	Effect of dietary selenium deficiency on the in vitro fertilizing ability of mice spermatozoa. , 2007, , 41-49.		1
77	Total Antioxidant Capacity in Type 2 Diabetic People Living in Arsenic-Endemic Area in North Mexico. Epidemiology, 2007, 18, S134.	1.2	0
78	Is AS3MT Polymorphism, a Susceptibility Marker for Inorganic Arsenic Exposure?. Epidemiology, 2007, 18, S47-S48.	1.2	0
79	Diabetogenic effects and pancreatic oxidative damage in rats subchronically exposed to arsenite. Toxicology Letters, 2006, 160, 135-142.	0.4	112
80	Lipid oxidative damage and distribution of inorganic arsenic and its metabolites in the rat nervous system after arsenite exposure: Influence of alpha tocopherol supplementation. NeuroToxicology, 2006, 27, 1024-1031.	1.4	67
81	Diabetes Mellitus in Mexican Population Environmentally Exposed to Inorganic Arsenic. Epidemiology, 2006, 17, S393.	1.2	0
82	An integrated pharmacokinetic and pharmacodynamic study of arsenite action2. Heme oxygenase induction in mice. Toxicology, 2005, 206, 389-401.	2.0	19
83	Effects of arsenite on cell cycle progression in a human bladder cancer cell line. Toxicology, 2005, 207, 49-57.	2.0	38
84	Alpha-tocopherol protects against the renal damage caused by potassium dichromate. Toxicology, 2005, 218, 237-46.	2.0	57
85	Induction of DNA Damage by Free Radicals Generated Either by Organic or Inorganic Arsenic (As ^{III} , MMA ^{III} , and DMA ^{III}) in Cultures of B and T Lymphocytes. Biological Trace Element Research, 2005, 108, 115-126.	1.9	24
86	Chemical fractionation of boron and heavy metals in soils irrigated with wastewater in central Mexico. Agriculture, Ecosystems and Environment, 2005, 108, 57-71.	2.5	62
87	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.	1.8	28
88	Urinary Trivalent Methylated Arsenic Species in a Population Chronically Exposed to Inorganic Arsenic. Environmental Health Perspectives, 2005, 113, 250-254.	2.8	223
89	Tissue Distribution and Urinary Excretion of Inorganic Arsenic and Its Methylated Metabolites in Mice Following Acute Oral Administration of Arsenate. Toxicological Sciences, 2005, 85, 468-475.	1.4	88
90	Glutathione Reductase Inhibition and Methylated Arsenic Distribution in Cd1 Mice Brain and Liver. Toxicological Sciences, 2005, 84, 157-166.	1.4	103

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91	Endogenous Reductants Support the Catalytic Function of Recombinant Rat Cyt19, an Arsenic Methyltransferase. Chemical Research in Toxicology, 2004, 17, 404-409.	1.7	111
92	Comprehensive analysis of arsenic metabolites by pH-specific hydride generation atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2004, 19, 1460-1467.	1.6	69
93	Accumulation and metabolism of arsenic in mice after repeated oral administration of arsenate. Toxicology and Applied Pharmacology, 2003, 191, 202-210.	1.3	141
94	Arsenic exposure alters purine metabolism in rats, mice, and humans., 2003, , 135-145.		1
95	Incorporating mechanistic insights in a PBPK model for arsenic. , 2003, , 369-377.		1
96	Arsenic levels in cooked food and assessment of adult dietary intake of arsenic in the Region Lagunera, Mexico. Food and Chemical Toxicology, 2002, 40, 1423-1431.	1.8	91
97	Alloxan decreases intracellular potassium content of the isolated frog skin epithelium. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2001, 130, 19-27.	1.3	4
98	Lead Exposure in Children Living in a Smelter Community in Region Lagunera, Mexico. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2001, 62, 417-429.	1.1	54
99	Arsenicals Inhibit Thioredoxin Reductase in Cultured Rat Hepatocytes. Chemical Research in Toxicology, 2001, 14, 305-311.	1.7	152
100	Determination of Trivalent Methylated Arsenicals in Biological Matrices. Toxicology and Applied Pharmacology, 2001, 174, 282-293.	1.3	217
101	Stress Proteins Induced by Arsenic. Toxicology and Applied Pharmacology, 2001, 177, 132-148.	1.3	255
102	Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration. Toxicology, 2000, 143, 155-166.	2.0	44
103	Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells. Archives of Toxicology, 2000, 74, 289-299.	1.9	881
104	Studies on the Mechanisms of Arsenic-Induced Self Tolerance Developed in Liver Epithelial Cells through Continuous Low-Level Arsenite Exposure. Toxicological Sciences, 2000, 54, 500-508.	1.4	79
105	Arsenite induces DNA-protein crosslinks and cytokeratin expression in the WRL-68 human hepatic cell line. Carcinogenesis, 2000, 21, 701-706.	1.3	72
106	Increased cytogenetic damage in outdoor painters. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 467, 105-111.	0.9	88
107	Interference in the Quantitation of Methylated Arsenic Species in Human Urine. Journal of Analytical Toxicology, 1999, 23, 103-107.	1.7	14
108	Altered activity of heme biosynthesis pathway enzymes in individuals chronically exposed to arsenic in Mexico. Archives of Toxicology, 1999, 73, 90-95.	1.9	36

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109	An integrated pharmacokinetic and pharmacodynamic study of arsenite action. 1. Heme oxygenase induction in rats. Teratogenesis, Carcinogenesis, and Mutagenesis, 1999, 19, 385-402.	0.8	43
110	Metabolism of Arsenic in Primary Cultures of Human and Rat Hepatocytes. Chemical Research in Toxicology, 1999, 12, 560-565.	1.7	132
111	Profile of Urinary Arsenic Metabolites in Children Chronically Exposed to Inorganic Arsenic in Mexico., 1999,, 281-287.		4
112	Metabolism and Toxicity of Arsenicals in Cultured Cells. , 1999, , 311-323.		15
113	An integrated pharmacokinetic and pharmacodynamic study of arsenite action. 1. Heme oxygenase induction in rats. Teratogenesis, Carcinogenesis, and Mutagenesis, 1999, 19, 385-402.	0.8	7
114	Alteration in bilirubin excretion in individuals chronically exposed to arsenic in Mexico. Toxicology Letters, 1998, 99, 79-84.	0.4	30
115	Cytogenetic effects in human exposure to arsenic. Mutation Research - Reviews in Mutation Research, 1997, 386, 219-228.	2.4	166
116	Altered profile of urinary arsenic metabolites in adults with chronic arsenicism. Archives of Toxicology, 1997, 71, 211-217.	1.9	181
117	DMPS-arsenic challenge test. I: Increased urinary excretion of monomethylarsonic acid in humans given dimercaptopropane sulfonate. Journal of Pharmacology and Experimental Therapeutics, 1997, 282, 192-200.	1.3	46
118	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
119	Lymphocyte replicating ability in individuals exposed to arsenic via drinking water. Mutation Research - Environmental Mutagenesis and Related Subjects Including Methodology, 1994, 313, 293-299.	0.4	83
120	Arsenic and Cadmium Exposure in Children Living Near a Smelter Complex in San Luis PotosıÌ; Mexico. Environmental Research, 1993, 62, 242-250.	3.7	93
121	Fluoride levels in well-water from a chronic arsenicism area of Northern Mexico. Environmental Pollution, 1993, 80, 91-94.	3.7	65
122	Lymphocyte proliferation kinetics and genotoxic findings in a pilot study on individuals chronically exposed to arsenic in Mexico. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 1991, 250, 477-482.	0.4	114
123	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
124	The oxidation states of arsenic in well-water from a chronic arsenicism area of Northern Mexico. Environmental Pollution, 1990, 64, 143-153.	3.7	184
125	Uric acid levels in plasma and urine in rats chronically exposed to inorganic as (III) and as(V). Toxicology Letters, 1985, 26, 31-35.	0.4	14
126	One-nanometre-resolution evidence of As(III) anoxic and oxic transformations on the surfaces of expandable clay minerals. International Journal of Environmental Science and Technology, 0, , 1.	1.8	0

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127	Prenatal Exposure to Potentially Toxic Metals and Their Effects on Genetic Material in Offspring: a Systematic Review. Biological Trace Element Research, 0, , .	1.9	0