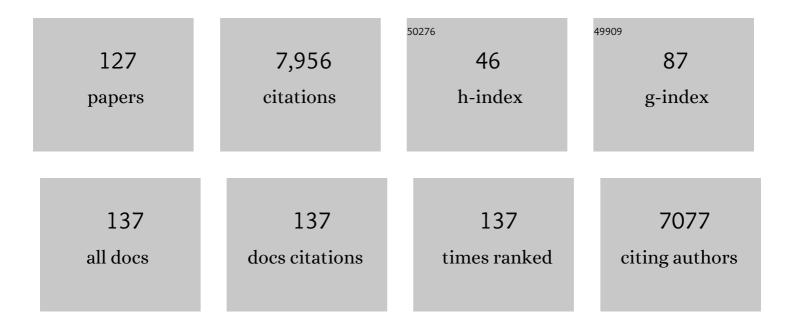
List of Publications by Year in descending order

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LUZ MADIA DEL RAZO

#	Article	IF	CITATIONS
1	Impact of Cadmium Mediated by Tobacco Use in Musculoskeletal Diseases. Biological Trace Element Research, 2022, 200, 2008-2015.	3.5	5
2	Arsenic and Fluoride in the Drinking Water in Tula City, México: Challenges and Lessons Learned. Water, Air, and Soil Pollution, 2022, 233, .	2.4	0
3	Prestin and otolin-1 proteins in the hearing loss of adults chronically exposed to lead. Toxicology and Applied Pharmacology, 2021, 426, 115651.	2.8	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.	3.6	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.	3.0	14
6	Natriuretic peptides and echocardiographic parameters in Mexican children environmentally exposed to arsenic. Toxicology and Applied Pharmacology, 2020, 403, 115164.	2.8	4
7	Mesothelin, Calretinin, and Megakaryocyte Potentiating Factor as Biomarkers of Malignant Pleural Mesothelioma. Lung, 2019, 197, 641-649.	3.3	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.	3.0	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.	8.0	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.	3.9	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.	10.0	14
12	Evaluation of vascular and kidney injury biomarkers in Mexican children exposed to inorganic fluoride. Environmental Research, 2019, 169, 220-228.	7.5	24
13	Circulating miRNAs Associated with Arsenic Exposure. Environmental Science & Technology, 2018, 52, 14487-14495.	10.0	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.	2.8	53
15	Potential Co-exposure to Arsenic and Fluoride and Biomonitoring Equivalents for Mexican Children. Annals of Global Health, 2018, 84, 257-273.	2.0	38
16	The ADMA/DDAH/NO pathway in human vein endothelial cells exposed to arsenite. Toxicology in Vitro, 2017, 42, 281-286.	2.4	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.	6.0	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.	3.1	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.	2.8	10
20	Fluoride: An underestimated nephrotoxic. Toxicology Letters, 2016, 259, S13.	0.8	0
21	Comparative urinary miRNAs expression and cystatin C level in adults chronically exposed to fluoride through drinking water. Toxicology Letters, 2016, 259, S115.	0.8	0
22	Arsenic metabolism profile in an adult population environmentally co-exposed to fluoride and moderate level of arsenic. Toxicology Letters, 2016, 259, S121.	0.8	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.	0.8	Ο
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.	0.8	0
25	Mitochondrial DNA copy number in Mexican children co-exposed to inorganic arsenic and fluoride from Zacatecas, Mexico. Toxicology Letters, 2016, 259, S126.	0.8	1
26	Ibervillea sonorae root extract modifies glucose uptake and GLUT4 plasma membrane translocation in L6-GLUT4myc muscle cells. Toxicology Letters, 2016, 259, S196.	0.8	0
27	Pretreatment of human hair for the determination of trace metals by ICP–MS. Toxicology Letters, 2016, 259, S89.	0.8	Ο
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.	2.4	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.	3.7	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.	2.6	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.	1.9	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.	3.3	26
33	Metabolomic Characteristics of Arsenic-Associated Diabetes in a Prospective Cohort in Chihuahua, Mexico. Toxicological Sciences, 2015, 144, 338-346.	3.1	44
34	Bismuth-based nanoparticles as the environmentally friendly replacement for lead-based piezoelectrics. RSC Advances, 2015, 5, 27295-27304.	3.6	29
35	Blood Pressure, Left Ventricular Geometry, and Systolic Function in Children Exposed to Inorganic Arsenic. Environmental Health Perspectives, 2015, 123, 629-635.	6.0	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.	6.0	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.	2.2	5
38	Oxidative Stress, Redox Signaling, and Autophagy: Cell Death <i>Versus</i> Survival. Antioxidants and Redox Signaling, 2014, 21, 66-85.	5.4	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.	0.8	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.	3.4	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.	2.3	2
43	Proximal renal tubular injury in rats sub-chronically exposed to low fluoride concentrations. Toxicology and Applied Pharmacology, 2013, 272, 888-894.	2.8	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.	3.5	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.	3.0	97
46	Carotid Intima-Media Thickness and Plasma Asymmetric Dimethylarginine in Mexican Children Exposed to Inorganic Arsenic. Environmental Health Perspectives, 2013, 121, 1090-1096.	6.0	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.	3.9	51
48	Identification of theGST-T1andGST-M1Null Genotypes Using High Resolution Melting Analysis. Chemical Research in Toxicology, 2012, 25, 216-224.	3.3	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-Î ²), and apoptotic protease-activating factor 1 (Apaf-1) in humans chronically exposed to arsenic in drinking water. Archives of Toxicology, 2012, 86, 857-868.	4.2	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.	3.3	147
52	Chronic exposure to inorganic arsenic in children influences concentration of nitric oxide metabolites in plasma and urine. Toxicology Letters, 2011, 205, S85.	0.8	0
53	Exposure to arsenic in drinking water is associated with increased prevalence of diabetes: a cross-sectional study in the Zimapán and Lagunera regions in Mexico. Environmental Health, 2011, 10, 73.	4.0	182
54	NADPH oxidase participates in the oxidative damage caused by fluoride in rat spermatozoa. Protective role of <i>α</i> â€ŧocopherol. Journal of Applied Toxicology, 2011, 31, 579-588.	2.8	8

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55	Arsenite Exposure Downregulates EAAT1/GLAST Transporter Expression in Glial Cells. Toxicological Sciences, 2011, 122, 539-550.	3.1	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.	2.7	11
57	Molecular mechanisms of fluoride toxicity. Chemico-Biological Interactions, 2010, 188, 319-333.	4.0	756
58	Arsenic(III) methylation in betaine–nontronite clay–water suspensions under environmental conditions. Journal of Hazardous Materials, 2010, 178, 450-454.	12.4	4
59	Arsenite induces aquaglyceroporin 9 expression in murine livers. Environmental Research, 2010, 110, 443-447.	7.5	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.	7.5	91
61	Association of AS3MT polymorphisms and the risk of premalignant arsenic skin lesions. Toxicology and Applied Pharmacology, 2009, 239, 200-207.	2.8	104
62	Preface: Spain Arsenic Meeting. Toxicology and Applied Pharmacology, 2009, 239, 127-129.	2.8	0
63	Fluoride exposure impairs glucose tolerance via decreased insulin expression and oxidative stress. Toxicology, 2009, 263, 75-83.	4.2	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.	0.8	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.	0.8	23
66	Effect of dietary selenium deficiency on the in vitro fertilizing ability of mice spermatozoa. Cell Biology and Toxicology, 2008, 24, 321-329.	5.3	38
67	Inorganic arsenic exposure affects pain behavior and inflammatory response in rat. Toxicology and Applied Pharmacology, 2008, 229, 374-385.	2.8	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.	2.8	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.	6.0	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.	1.2	12
71	Inorganic arsenic exposure and type 2 diabetes mellitus in Mexico. Environmental Research, 2007, 104, 383-389.	7.5	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.	3.6	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.	0.6	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.	2.8	36
75	Arsenite induced oxidative damage in mouse liver is associated with increased cytokeratin 18 expression. Archives of Toxicology, 2007, 81, 619-626.	4.2	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.	2.7	0
78	Is AS3MT Polymorphism, a Susceptibility Marker for Inorganic Arsenic Exposure?. Epidemiology, 2007, 18, S47-S48.	2.7	0
79	Diabetogenic effects and pancreatic oxidative damage in rats subchronically exposed to arsenite. Toxicology Letters, 2006, 160, 135-142.	0.8	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.	3.0	67
81	Diabetes Mellitus in Mexican Population Environmentally Exposed to Inorganic Arsenic. Epidemiology, 2006, 17, S393.	2.7	Ο
82	An integrated pharmacokinetic and pharmacodynamic study of arsenite action2. Heme oxygenase induction in mice. Toxicology, 2005, 206, 389-401.	4.2	19
83	Effects of arsenite on cell cycle progression in a human bladder cancer cell line. Toxicology, 2005, 207, 49-57.	4.2	38
84	Alpha-tocopherol protects against the renal damage caused by potassium dichromate. Toxicology, 2005, 218, 237-46.	4.2	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.	3.5	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.	5.3	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.	4.1	28
88	Urinary Trivalent Methylated Arsenic Species in a Population Chronically Exposed to Inorganic Arsenic. Environmental Health Perspectives, 2005, 113, 250-254.	6.0	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.	3.1	88
90	Glutathione Reductase Inhibition and Methylated Arsenic Distribution in Cd1 Mice Brain and Liver. Toxicological Sciences, 2005, 84, 157-166.	3.1	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.	3.3	111
92	Comprehensive analysis of arsenic metabolites by pH-specific hydride generation atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2004, 19, 1460-1467.	3.0	69
93	Accumulation and metabolism of arsenic in mice after repeated oral administration of arsenate. Toxicology and Applied Pharmacology, 2003, 191, 202-210.	2.8	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.	3.6	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.	2.6	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.	2.3	54
99	Arsenicals Inhibit Thioredoxin Reductase in Cultured Rat Hepatocytes. Chemical Research in Toxicology, 2001, 14, 305-311.	3.3	152
100	Determination of Trivalent Methylated Arsenicals in Biological Matrices. Toxicology and Applied Pharmacology, 2001, 174, 282-293.	2.8	217
101	Stress Proteins Induced by Arsenic. Toxicology and Applied Pharmacology, 2001, 177, 132-148.	2.8	255
102	Dose-dependent effects on tissue distribution and metabolism of dimethylarsinic acid in the mouse after intravenous administration. Toxicology, 2000, 143, 155-166.	4.2	44
103	Comparative toxicity of trivalent and pentavalent inorganic and methylated arsenicals in rat and human cells. Archives of Toxicology, 2000, 74, 289-299.	4.2	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.	3.1	79
105	Arsenite induces DNA-protein crosslinks and cytokeratin expression in the WRL-68 human hepatic cell line. Carcinogenesis, 2000, 21, 701-706.	2.8	72
106	Increased cytogenetic damage in outdoor painters. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2000, 467, 105-111.	1.7	88
107	Interference in the Quantitation of Methylated Arsenic Species in Human Urine. Journal of Analytical Toxicology, 1999, 23, 103-107.	2.8	14
108	Altered activity of heme biosynthesis pathway enzymes in individuals chronically exposed to arsenic in Mexico. Archives of Toxicology, 1999, 73, 90-95.	4.2	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.	3.3	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.	0.8	30
115	Cytogenetic effects in human exposure to arsenic. Mutation Research - Reviews in Mutation Research, 1997, 386, 219-228.	5.5	166
116	Altered profile of urinary arsenic metabolites in adults with chronic arsenicism. Archives of Toxicology, 1997, 71, 211-217.	4.2	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.	2.5	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.	2.2	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.	7.5	93
121	Fluoride levels in well-water from a chronic arsenicism area of Northern Mexico. Environmental Pollution, 1993, 80, 91-94.	7.5	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.	1.0	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.	2.2	38
124	The oxidation states of arsenic in well-water from a chronic arsenicism area of Northern Mexico. Environmental Pollution, 1990, 64, 143-153.	7.5	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.	0.8	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.	3.5	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, , .	3.5	0