

Martha M Tllez-Rojo

List of Publications by Citations

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Version: 2024-04-19

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

129
papers

2,513
citations

29
h-index

43
g-index

137
ext. papers

3,351
ext. citations

6.4
avg, IF

4.97
L-index

#	Paper	IF	Citations
129	Effect of calcium supplementation on blood lead levels in pregnancy: a randomized placebo-controlled trial. <i>Environmental Health Perspectives</i> , 2009 , 117, 26-31	8.4	102
128	Dissonant health transition in the states of Mexico, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. <i>Lancet, The</i> , 2016 , 388, 2386-2402	40	100
127	Predictors of urinary bisphenol A and phthalate metabolite concentrations in Mexican children. <i>Chemosphere</i> , 2013 , 93, 2390-8	8.4	95
126	Prenatal Fluoride Exposure and Cognitive Outcomes in Children at 4 and 6-12 Years of Age in Mexico. <i>Environmental Health Perspectives</i> , 2017 , 125, 097017	8.4	94
125	Validity of Self-Assessed Sexual Maturation Against Physician Assessments and Hormone Levels. <i>Journal of Pediatrics</i> , 2017 , 186, 172-178.e3	3.6	77
124	Phthalate and bisphenol A exposure during in utero windows of susceptibility in relation to reproductive hormones and pubertal development in girls. <i>Environmental Research</i> , 2017 , 159, 143-151	7.9	71
123	In utero and peripubertal exposure to phthalates and BPA in relation to female sexual maturation. <i>Environmental Research</i> , 2014 , 134, 233-41	7.9	66
122	Urinary 3,5,6-trichloro-2-pyridinol (TCPY) in pregnant women from Mexico City: distribution, temporal variability, and relationship with child attention and hyperactivity. <i>International Journal of Hygiene and Environmental Health</i> , 2014 , 217, 405-12	6.9	65
121	Association between birth weight and DNA methylation of IGF2, glucocorticoid receptor and repetitive elements LINE-1 and Alu. <i>Epigenomics</i> , 2013 , 5, 271-81	4.4	63
120	Relationships between lead biomarkers and diurnal salivary cortisol indices in pregnant women from Mexico City: a cross-sectional study. <i>Environmental Health</i> , 2014 , 13, 50	6	56
119	Childhood Blood Lead Levels and Symptoms of Attention Deficit Hyperactivity Disorder (ADHD): A Cross-Sectional Study of Mexican Children. <i>Environmental Health Perspectives</i> , 2016 , 124, 868-74	8.4	54
118	Bisphenol A and phthalates in utero and in childhood: association with child BMI z-score and adiposity. <i>Environmental Research</i> , 2017 , 156, 326-333	7.9	50
117	Relating Phthalate and BPA Exposure to Metabolism in Peripubescence: The Role of Exposure Timing, Sex, and Puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 79-88	5.6	47
116	Second trimester extracellular microRNAs in maternal blood and fetal growth: An exploratory study. <i>Epigenetics</i> , 2017 , 12, 804-810	5.7	47
115	Prenatal fluoride exposure and attention deficit hyperactivity disorder (ADHD) symptoms in children at 6-12 years of age in Mexico City. <i>Environment International</i> , 2018 , 121, 658-666	12.9	45
114	Blood lead levels in Mexico and pediatric burden of disease implications. <i>Annals of Global Health</i> , 2014 , 80, 269-77	3.3	44
113	Impact of phthalate and BPA exposure during in utero windows of susceptibility on reproductive hormones and sexual maturation in peripubertal males. <i>Environmental Health</i> , 2017 , 16, 69	6	42

112	Prenatal and postnatal stress and wheeze in Mexican children: Sex-specific differences. <i>Annals of Allergy, Asthma and Immunology</i> , 2016 , 116, 306-312.e1	3.2	41
111	Urinary 3-phenoxybenzoic acid (3-PBA) levels among pregnant women in Mexico City: Distribution and relationships with child neurodevelopment. <i>Environmental Research</i> , 2016 , 147, 307-13	7.9	40
110	The association of lead exposure during pregnancy and childhood anthropometry in the Mexican PROGRESS cohort. <i>Environmental Research</i> , 2017 , 152, 226-232	7.9	39
109	Early Life Exposure in Mexico to ENvironmental Toxicants (ELEMENT) Project. <i>BMJ Open</i> , 2019 , 9, e030437	3.7	39
108	Identifying sensitive windows for prenatal particulate air pollution exposure and mitochondrial DNA content in cord blood. <i>Environment International</i> , 2017 , 98, 198-203	12.9	37
107	Maternal stress modifies the effect of exposure to lead during pregnancy and 24-month old children's neurodevelopment. <i>Environment International</i> , 2017 , 98, 191-197	12.9	37
106	Prenatal lead exposure and fetal growth: Smaller infants have heightened susceptibility. <i>Environment International</i> , 2017 , 99, 228-233	12.9	34
105	Toddler temperament and prenatal exposure to lead and maternal depression. <i>Environmental Health</i> , 2016 , 15, 71	6	33
104	Effect of calcium supplementation on bone resorption in pregnancy and the early postpartum: a randomized controlled trial in Mexican women. <i>Nutrition Journal</i> , 2014 , 13, 116	4.3	32
103	Association between prenatal particulate air pollution exposure and telomere length in cord blood: Effect modification by fetal sex. <i>Environmental Research</i> , 2019 , 172, 495-501	7.9	30
102	Prenatal particulate matter exposure and wheeze in Mexican children: Effect modification by prenatal psychosocial stress. <i>Annals of Allergy, Asthma and Immunology</i> , 2017 , 119, 232-237.e1	3.2	30
101	Adolescent epigenetic profiles and environmental exposures from early life through peri-adolescence. <i>Environmental Epigenetics</i> , 2016 , 2, dvw018	2.4	30
100	Exposure to phthalates is associated with lipid profile in peripubertal Mexican youth. <i>Environmental Research</i> , 2017 , 154, 311-317	7.9	28
99	Prenatal Stress, Methylation in Inflammation-Related Genes, and Adiposity Measures in Early Childhood: the Programming Research in Obesity, Growth Environment and Social Stress Cohort Study. <i>Psychosomatic Medicine</i> , 2018 , 80, 34-41	3.7	28
98	Uncovering neurodevelopmental windows of susceptibility to manganese exposure using dentine microspatial analyses. <i>Environmental Research</i> , 2018 , 161, 588-598	7.9	27
97	Dietary predictors of urinary cadmium among pregnant women and children. <i>Science of the Total Environment</i> , 2017 , 575, 1255-1262	10.2	27
96	Metabolomic Determinants of Metabolic Risk in Mexican Adolescents. <i>Obesity</i> , 2017 , 25, 1594-1602	8	26
95	In utero and peripubertal metals exposure in relation to reproductive hormones and sexual maturation and progression among girls in Mexico City. <i>Environmental Research</i> , 2019 , 177, 108630	7.9	25

94	Urinary metal concentrations among mothers and children in a Mexico City birth cohort study. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 609-615	6.9	25
93	Lagged kernel machine regression for identifying time windows of susceptibility to exposures of complex mixtures. <i>Biostatistics</i> , 2018 , 19, 325-341	3.7	25
92	Prenatal particulate air pollution exposure and sleep disruption in preschoolers: Windows of susceptibility. <i>Environment International</i> , 2019 , 124, 329-335	12.9	24
91	Trends and Patterns of Phthalates and Phthalate Alternatives Exposure in Pregnant Women from Mexico City during 2007-2010. <i>Environmental Science & Technology</i> , 2020 , 54, 1740-1749	10.3	24
90	Prenatal manganese exposure and intrinsic functional connectivity of emotional brain areas in children. <i>NeuroToxicology</i> , 2018 , 64, 85-93	4.4	24
89	Children's Blood Lead Concentrations from 1988 to 2015 in Mexico City: The Contribution of Lead in Air and Traditional Lead-Glazed Ceramics. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	23
88	Phthalate exposure during pregnancy and long-term weight gain in women. <i>Environmental Research</i> , 2019 , 169, 26-32	7.9	22
87	Phthalate Exposures, DNA Methylation and Adiposity in Mexican Children Through Adolescence. <i>Frontiers in Public Health</i> , 2019 , 7, 162	6	21
86	Prenatal lead exposure modifies the effect of shorter gestation on increased blood pressure in children. <i>Environment International</i> , 2018 , 120, 464-471	12.9	21
85	Prenatal co-exposure to manganese and depression and 24-months neurodevelopment. <i>NeuroToxicology</i> , 2018 , 64, 134-141	4.4	21
84	Lead in candy consumed and blood lead levels of children living in Mexico City. <i>Environmental Research</i> , 2016 , 147, 497-502	7.9	19
83	Dietary Patterns Exhibit Sex-Specific Associations with Adiposity and Metabolic Risk in a Cross-Sectional Study in Urban Mexican Adolescents. <i>Journal of Nutrition</i> , 2017 , 147, 1977-1985	4.1	19
82	Prenatal exposure to PM and birth weight: A pooled analysis from three North American longitudinal pregnancy cohort studies. <i>Environment International</i> , 2017 , 107, 173-180	12.9	18
81	Particulate air pollution exposure during pregnancy and postpartum depression symptoms in women in Mexico City. <i>Environment International</i> , 2020 , 134, 105325	12.9	18
80	Identifying critical windows of prenatal particulate matter (PM) exposure and early childhood blood pressure. <i>Environmental Research</i> , 2020 , 182, 109073	7.9	17
79	Battle of epigenetic proportions: comparing Illumina's EPIC methylation microarrays and TruSeq targeted bisulfite sequencing. <i>Epigenetics</i> , 2020 , 15, 174-182	5.7	16
78	Differential association of lead on length by zinc status in two-year old Mexican children. <i>Environmental Health</i> , 2015 , 14, 95	6	15
77	Children's acute respiratory symptoms associated with PM estimates in two sequential representative surveys from the Mexico City Metropolitan Area. <i>Environmental Research</i> , 2020 , 180, 108868	7.9	15

76	Early lead exposure and pubertal development in a Mexico City population. <i>Environment International</i> , 2019 , 125, 445-451	12.9	15
75	Genome-wide gene by lead exposure interaction analysis identifies UNC5D as a candidate gene for neurodevelopment. <i>Environmental Health</i> , 2017 , 16, 81	6	14
74	Fluoride Content in Foods and Beverages From Mexico City Markets and Supermarkets. <i>Food and Nutrition Bulletin</i> , 2019 , 40, 514-531	1.8	14
73	Urinary and plasma fluoride levels in pregnant women from Mexico City. <i>Environmental Research</i> , 2016 , 150, 489-495	7.9	14
72	Time-varying associations between prenatal metal mixtures and rapid visual processing in children. <i>Environmental Health</i> , 2019 , 18, 92	6	14
71	Adiposity in Adolescents: The Interplay of Sleep Duration and Sleep Variability. <i>Journal of Pediatrics</i> , 2018 , 203, 309-316	3.6	14
70	Maternal blood arsenic levels and associations with birth weight-for-gestational age. <i>Environmental Research</i> , 2019 , 177, 108603	7.9	13
69	Altered cord blood mitochondrial DNA content and pregnancy lead exposure in the PROGRESS cohort. <i>Environment International</i> , 2019 , 125, 437-444	12.9	13
68	Prenatal Cadmium Exposure Is Negatively Associated With Adiposity in Girls Not Boys During Adolescence. <i>Frontiers in Public Health</i> , 2019 , 7, 61	6	12
67	Longitudinal associations of age and prenatal lead exposure on cortisol secretion of 12-24 month-old infants from Mexico City. <i>Environmental Health</i> , 2016 , 15, 41	6	12
66	Modeling the health effects of time-varying complex environmental mixtures: Mean field variational Bayes for lagged kernel machine regression. <i>Environmetrics</i> , 2018 , 29, e2504	1.3	12
65	Dietary Sources of Fructose and Its Association with Fatty Liver in Mexican Young Adults. <i>Nutrients</i> , 2019 , 11,	6.7	11
64	A comprehensive intervention for adverse drug reactions identification and reporting in a Pediatric Emergency Department. <i>International Journal of Clinical Pharmacy</i> , 2016 , 38, 80-7	2.3	11
63	Association of Prenatal and Perinatal Exposures to Particulate Matter With Changes in Hemoglobin A1c Levels in Children Aged 4 to 6 Years. <i>JAMA Network Open</i> , 2019 , 2, e1917643	10.4	11
62	Assessment of neuropsychological performance in Mexico City youth using the Cambridge Neuropsychological Test Automated Battery (CANTAB). <i>Journal of Clinical and Experimental Neuropsychology</i> , 2019 , 41, 246-256	2.1	11
61	Exploring dietary patterns in a Mexican adolescent population: A mixed methods approach. <i>Appetite</i> , 2020 , 147, 104542	4.5	10
60	The associations between lead exposure at multiple sensitive life periods and dental caries risks in permanent teeth. <i>Science of the Total Environment</i> , 2019 , 654, 1048-1055	10.2	10
59	Bacterial and cytokine mixtures predict the length of gestation and are associated with miRNA expression in the cervix. <i>Epigenomics</i> , 2017 , 9, 33-45	4.4	9

58	Prenatal manganese and cord blood mitochondrial DNA copy number: Effect modification by maternal anemic status. <i>Environment International</i> , 2019 , 126, 484-493	12.9	9
57	Onset and tempo of sexual maturation is differentially associated with gestational phthalate exposure between boys and girls in a Mexico City birth cohort. <i>Environment International</i> , 2020 , 136, 105469	12.9	9
56	Association of blood leukocyte DNA methylation at LINE-1 and growth-related candidate genes with pubertal onset and progression. <i>Epigenetics</i> , 2018 , 13, 1222-1233	5.7	9
55	Patterns of Weight Change One Year after Delivery Are Associated with Cardiometabolic Risk Factors at Six Years Postpartum in Mexican Women. <i>Nutrients</i> , 2020 , 12,	6.7	8
54	Quality of Prenatal and Childhood Diet Predicts Neurodevelopmental Outcomes among Children in Mexico City. <i>Nutrients</i> , 2018 , 10,	6.7	8
53	Subconstructs of the Edinburgh Postpartum Depression Scale in a postpartum sample in Mexico City. <i>Journal of Affective Disorders</i> , 2018 , 238, 142-146	6.6	8
52	Associations between Urinary, Dietary, and Water Fluoride Concentrations among Children in Mexico and Canada. <i>Toxics</i> , 2020 , 8,	4.7	8
51	Metabolomic profiles and development of metabolic risk during the pubertal transition: a prospective study in the ELEMENT Project. <i>Pediatric Research</i> , 2019 , 85, 262-268	3.2	8
50	Vegetables and lean proteins-based and processed meats and refined grains -based dietary patterns in early childhood are associated with pubertal timing in a sex-specific manner: a prospective study of children from Mexico City. <i>Nutrition Research</i> , 2018 , 56, 41-50	4	7
49	Urate and Nonanoate Mark the Relationship between Sugar-Sweetened Beverage Intake and Blood Pressure in Adolescent Girls: A Metabolomics Analysis in the ELEMENT Cohort. <i>Metabolites</i> , 2019 , 9,	5.6	6
48	Mitochondrial Nutrient Utilization Underlying the Association Between Metabolites and Insulin Resistance in Adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	6
47	Estimating the causal effect of prenatal lead exposure on prepulse inhibition deficits in children and adolescents. <i>NeuroToxicology</i> , 2020 , 78, 116-126	4.4	6
46	Dietary Patterns in Relation to Prospective Sleep Duration and Timing among Mexico City Adolescents. <i>Nutrients</i> , 2020 , 12,	6.7	6
45	Cumulative Childhood Lead Levels in Relation to Sleep During Adolescence. <i>Journal of Clinical Sleep Medicine</i> , 2019 , 15, 1443-1449	3.1	6
44	Prenatal salivary sex hormone levels and birth-weight-for-gestational age. <i>Journal of Perinatology</i> , 2019 , 39, 941-948	3.1	5
43	Fine particulate matter exposure and lipid levels among children in Mexico city. <i>Environmental Epidemiology</i> , 2020 , 4, e088	0.2	5
42	Accelerometer-measured Physical Activity, Reproductive Hormones, and DNA Methylation. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 598-607	1.2	5
41	Plasma DHA Is Related to Sleep Timing and Duration in a Cohort of Mexican Adolescents. <i>Journal of Nutrition</i> , 2020 , 150, 592-598	4.1	5

40	Exposure to obesogenic endocrine disrupting chemicals and obesity among youth of Latino or Hispanic origin in the United States and Latin America: A lifecourse perspective. <i>Obesity Reviews</i> , 2021 , 22 Suppl 3, e13245	10.6	5
39	Weight Trajectories After Delivery are Associated with Adiposity and Cardiometabolic Markers at 3 Years Postpartum Among Women in Project Viva. <i>Journal of Nutrition</i> , 2020 , 150, 1889-1898	4.1	5
38	Exposure to Endocrine-Disrupting Chemicals During Pregnancy Is Associated with Weight Change Through 1 Year Postpartum Among Women in the Early-Life Exposure in Mexico to Environmental Toxicants Project. <i>Journal of Women's Health</i> , 2020 , 29, 1419-1426	3	5
37	The associations of phthalate biomarkers during pregnancy with later glycemia and lipid profiles. <i>Environment International</i> , 2021 , 155, 106612	12.9	5
36	Maternal Prenatal Psychosocial Stress and Prepregnancy BMI Associations with Fetal Iron Status. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa018	0.4	4
35	Modification of the effects of prenatal manganese exposure on child neurodevelopment by maternal anemia and iron deficiency. <i>Pediatric Research</i> , 2020 , 88, 325-333	3.2	4
34	Influence of post-partum BMI change on childhood obesity and energy intake. <i>PLoS ONE</i> , 2019 , 14, e0224830	3.9	4
33	Identification of novel loci associated with infant cognitive ability. <i>Molecular Psychiatry</i> , 2020 , 25, 3010-3019	10.9	4
32	DNA methylation at birth potentially mediates the association between prenatal lead (Pb) exposure and infant neurodevelopmental outcomes. <i>Environmental Epigenetics</i> , 2021 , 7, dvab005	2.4	4
31	Sleep duration and fragmentation in relation to leukocyte DNA methylation in adolescents. <i>Sleep</i> , 2019 , 42,	1.1	3
30	Socio-demographic predictors of prepulse inhibition: A prospective study in children and adolescents from Mexico City. <i>Biological Psychology</i> , 2019 , 145, 8-16	3.2	3
29	Blood manganese levels during pregnancy and postpartum depression: A cohort study among women in Mexico. <i>NeuroToxicology</i> , 2020 , 76, 183-190	4.4	3
28	Greater cumulative exposure to a pro-inflammatory diet is associated with higher metabolic syndrome score and blood pressure in young Mexican adults. <i>Nutrition Research</i> , 2020 , 81, 81-89	4	3
27	Measurement challenges for childhood obesity research within and between Latin America and the United States. <i>Obesity Reviews</i> , 2021 , 22 Suppl 3, e13242	10.6	3
26	Antinuclear antibody prevalence in a general pediatric cohort from Mexico City: discordance between immunofluorescence and multiplex assays. <i>Clinical Epidemiology</i> , 2017 , 9, 1-8	5.9	3
25	Prenatal PM2.5 exposure in the second and third trimesters predicts neurocognitive performance at age 9-10 years: A cohort study of Mexico City children. <i>Environmental Research</i> , 2021 , 202, 111651	7.9	3
24	Dietary exposures, epigenetics and pubertal tempo. <i>Environmental Epigenetics</i> , 2019 , 5, dvz002	2.4	2
23	Mercury exposure in relation to sleep duration, timing, and fragmentation among adolescents in Mexico City. <i>Environmental Research</i> , 2020 , 191, 110216	7.9	2

22	Dietary Intake of Selenium in Relation to Pubertal Development in Mexican Children. <i>Nutrients</i> , 2019 , 11,	6.7	2
21	Changes in Sugar Sweetened Beverage Intake Are Associated with Changes in Body Composition in Mexican Adolescents: Findings from the ELEMENT Cohort.. <i>Nutrients</i> , 2022 , 14,	6.7	2
20	Using the delayed spatial alternation task to assess environmentally associated changes in working memory in very young children. <i>NeuroToxicology</i> , 2020 , 77, 71-79	4.4	2
19	Association of ambient PM exposure with maternal bone strength in pregnant women from Mexico City: a longitudinal cohort study. <i>Lancet Planetary Health, The</i> , 2020 , 4, e530-e537	9.8	2
18	A Benchmark Dose Analysis for Maternal Pregnancy Urine-Fluoride and IQ in Children. <i>Risk Analysis</i> , 2021 ,	3.9	2
17	Maternal Phthalates Exposure and Blood Pressure during and after Pregnancy in the PROGRESS Study.. <i>Environmental Health Perspectives</i> , 2021 , 129, 127007	8.4	2
16	Lead Concentrations in Mexican Candy: A Follow-Up Report. <i>Annals of Global Health</i> , 2020 , 86, 20	3.3	1
15	Sleep Difficulties among Mexican Adolescents: Subjective and Objective Assessments of Sleep. <i>Behavioral Sleep Medicine</i> , 2021 , 1-21	4.2	1
14	Prenatal maternal pesticide exposure in relation to sleep health of offspring during adolescence. <i>Environmental Research</i> , 2022 , 204, 111977	7.9	1
13	Prenatal lead exposure modifies the association of maternal self-esteem with child adaptive ability. <i>International Journal of Hygiene and Environmental Health</i> , 2019 , 222, 68-75	6.9	0
12	Prenatal metal mixture concentrations and reward motivation in children. <i>NeuroToxicology</i> , 2021 , 88, 124-133	4.4	0
11	Prenatal lead exposure and childhood lung function: Influence of maternal cortisol and child sex. <i>Environmental Research</i> , 2021 , 112447	7.9	0
10	Physical activity, sedentary time and cardiometabolic health indicators among Mexican children. <i>Clinical Obesity</i> , 2020 , 10, e12346	3.6	0
9	Gestational and peripubertal phthalate exposure in relation to attention performance in childhood and adolescence. <i>Environmental Research</i> , 2021 , 196, 110911	7.9	0
8	Dietary Influences on Urinary Fluoride over the Course of Pregnancy and at One-Year Postpartum. <i>Biological Trace Element Research</i> , 2021 , 1	4.5	0
7	Domain-specific effects of prenatal fluoride exposure on child IQ at 4, 5, and 6-12 years in the ELEMENT cohort.. <i>Environmental Research</i> , 2022 , 211, 112993	7.9	0
6	Desafíos de medicina para la investigación de la obesidad infantil en y entre América Latina y Estados Unidos. <i>Obesity Reviews</i> , 2021 , 22 Suppl 5, e13353	10.6	
5	Exposición a químicos disruptores endocrinos obesogénicos y obesidad en niños y jóvenes de origen latino o hispano en Estados Unidos y Latinoamérica: una perspectiva del curso de la vida. <i>Obesity Reviews</i> , 2021 , 22 Suppl 5, e13352	10.6	

4	Length of gestation and birth weight are associated with indices of combined kidney biomarkers in early childhood. <i>PLoS ONE</i> , 2019 , 14, e0227219	3.7
3	Retraction notice to "Paraoxonase I polymorphisms and attention/hyperactivity in school-age children from Mexico City, Mexico" <i>Environmental Research</i> (2014) 342 -349. <i>Environmental Research</i> , 2018 , 167, 776	7.9
2	Extending Tests of Random Effects to Assess for Measurement Invariance in Factor Models. <i>Statistics in Biosciences</i> , 2018 , 10, 634-650	1.5
1	Diurnal Cortisol Concentrations and Growth Indexes of 12- to 48-Month-Old Children From Mexico City. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 3386-3393	5.6