

Chitra Amarasiriwardena

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

980
citations

430874

18
h-index

477307

29
g-index

59
all docs

59
docs citations

59
times ranked

1418
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure to Low Levels of Lead <i>in Utero</i> and Umbilical Cord Blood DNA Methylation in Project Viva: An Epigenome-Wide Association Study. <i>Environmental Health Perspectives</i> , 2017, 125, 087019.	6.0	73
2	Prenatal Metal Concentrations and Childhood Cardiometabolic Risk Using Bayesian Kernel Machine Regression to Assess Mixture and Interaction Effects. <i>Epidemiology</i> , 2019, 30, 263-273.	2.7	62
3	Altered miRNA expression in the cervix during pregnancy associated with lead and mercury exposure. <i>Epigenomics</i> , 2015, 7, 885-896.	2.1	53
4	The association of lead exposure during pregnancy and childhood anthropometry in the Mexican PROGRESS cohort. <i>Environmental Research</i> , 2017, 152, 226-232.	7.5	50
5	Maternalâ€“infant biomarkers of prenatal exposure to arsenic and manganese. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 639-648.	3.9	47
6	Maternal prenatal fish consumption and cognition in mid childhood: Mercury, fatty acids, and selenium. <i>Neurotoxicology and Teratology</i> , 2016, 57, 71-78.	2.4	47
7	Contaminated Turmeric Is a Potential Source of Lead Exposure for Children in Rural Bangladesh. <i>Journal of Environmental and Public Health</i> , 2014, 2014, 1-5.	0.9	46
8	Prenatal lead exposure and childhood executive function and behavioral difficulties in project viva. <i>NeuroToxicology</i> , 2019, 75, 105-115.	3.0	41
9	Toddler temperament and prenatal exposure to lead and maternal depression. <i>Environmental Health</i> , 2016, 15, 71.	4.0	38
10	Inorganic arsenic causes fatty liver and interacts with ethanol to cause alcoholic liver disease in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	36
11	Prenatal toxic metal mixture exposure and newborn telomere length: Modification by maternal antioxidant intake. <i>Environmental Research</i> , 2020, 190, 110009.	7.5	34
12	Prenatal lead exposure modifies the effect of shorter gestation on increased blood pressure in children. <i>Environment International</i> , 2018, 120, 464-471.	10.0	30
13	Maternal blood arsenic levels and associations with birth weight-for-gestational age. <i>Environmental Research</i> , 2019, 177, 108603.	7.5	29
14	Prenatal manganese and cord blood mitochondrial DNA copy number: Effect modification by maternal anemic status. <i>Environment International</i> , 2019, 126, 484-493.	10.0	28
15	Prospective Associations of Early Pregnancy Metal Mixtures with Mitochondria DNA Copy Number and Telomere Length in Maternal and Cord Blood. <i>Environmental Health Perspectives</i> , 2021, 129, 117007.	6.0	28
16	Early pregnancy exposure to metal mixture and birth outcomes â€“ A prospective study in Project Viva. <i>Environment International</i> , 2021, 156, 106714.	10.0	27
17	Mercury and psychosocial stress exposure interact to predict maternal diurnal cortisol during pregnancy. <i>Environmental Health</i> , 2015, 14, 28.	4.0	22
18	Lead in candy consumed and blood lead levels of children living in Mexico City. <i>Environmental Research</i> , 2016, 147, 497-502.	7.5	20

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19	Diet and erythrocyte metal concentrations in early pregnancy—cross-sectional analysis in Project Viva. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 540-549.	4.7	20
20	Prenatal metal exposure, cord blood DNA methylation and persistence in childhood: an epigenome-wide association study of 12 metals. <i>Clinical Epigenetics</i> , 2021, 13, 208.	4.1	20
21	Correlation over time of toenail metals among participants in the VA normative aging study from 1992 to 2014. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 663-673.	3.9	16
22	Prenatal metal mixtures and sex-specific infant negative affectivity. <i>Environmental Epidemiology</i> , 2021, 5, e147.	3.0	16
23	Racial/ethnic and neighborhood disparities in metals exposure during pregnancy in the Northeastern United States. <i>Science of the Total Environment</i> , 2022, 820, 153249.	8.0	16
24	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.	2.3	15
25	Prenatal lead exposure and cord blood DNA methylation in PROGRESS: an epigenome-wide association study. <i>Environmental Epigenetics</i> , 2020, 6, dvaa014.	1.8	14
26	Integrative bioinformatics identifies postnatal lead (Pb) exposure disrupts developmental cortical plasticity. <i>Scientific Reports</i> , 2018, 8, 16388.	3.3	13
27	Early pregnancy essential and non-essential metal mixtures and gestational glucose concentrations in the 2nd trimester: Results from project viva. <i>Environment International</i> , 2021, 155, 106690.	10.0	13
28	Lead exposure and serum metabolite profiles in pregnant women in Mexico City. <i>Environmental Health</i> , 2021, 20, 125.	4.0	13
29	Skin Bleaching Among African and Afro-Caribbean Women in New York City: Primary Findings from a P30 Pilot Study. <i>Dermatology and Therapy</i> , 2019, 9, 355-367.	3.0	12
30	Blood manganese levels during pregnancy and postpartum depression: A cohort study among women in Mexico. <i>NeuroToxicology</i> , 2020, 76, 183-190.	3.0	12
31	Co-exposure to manganese and lead and pediatric neurocognition in East Liverpool, Ohio. <i>Environmental Research</i> , 2021, 202, 111644.	7.5	11
32	Prenatal blood lead levels and reduced preadolescent glomerular filtration rate: Modification by body mass index. <i>Environment International</i> , 2021, 154, 106414.	10.0	10
33	Environmental exposure to metal mixtures and linear growth in healthy Ugandan children. <i>PLoS ONE</i> , 2020, 15, e0233108.	2.5	9
34	Metal mixtures are associated with increased anxiety during pregnancy. <i>Environmental Research</i> , 2022, 204, 112276.	7.5	9
35	Prenatal exposure to a mixture of elements and neurobehavioral outcomes in mid-childhood: Results from Project Viva. <i>Environmental Research</i> , 2021, 201, 111540.	7.5	8
36	Iron-processing genotypes, nutrient intakes, and cadmium levels in the Normative Aging Study: Evidence of sensitive subpopulations in cadmium risk assessment. <i>Environment International</i> , 2018, 119, 527-535.	10.0	7

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37	Association between prenatal metal exposure and adverse respiratory symptoms in childhood. Environmental Research, 2022, 205, 112448.	7.5	7
38	Measurement harmonization and traceability for trace element analyses across the Children's Health Exposure Analysis Resource laboratory network. Environmental Research, 2021, 193, 110302.	7.5	5
39	Evaluating inter-study variability in phthalate and trace element analyses within the Children's Health Exposure Analysis Resource (CHEAR) using multivariate control charts. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 318-327.	3.9	5
40	Nephrotoxic Metal Mixtures and Preadolescent Kidney Function. Children, 2021, 8, 673.	1.5	5
41	Early childhood fluoride exposure and preadolescent kidney function. Environmental Research, 2022, 204, 112014.	7.5	5
42	Prenatal lead exposure and childhood lung function: Influence of maternal cortisol and child sex. Environmental Research, 2022, 205, 112447.	7.5	5
43	Lead Concentrations in Mexican Candy: A Follow-Up Report. Annals of Global Health, 2020, 86, 20.	2.0	3
44	Assessing the Effects of Metal Mixtures in Urine and Blood on Kidney Function. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
45	Epigenome-wide DNA Methylation in Leukocyte and Toenail Metals: the Normative Aging Study. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
46	Correlates of whole blood metal concentrations among reproductive-aged Black women. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
47	Hair mercury levels, dietary intake of omega-3 fatty acids and ovarian reserve among women attending a fertility center. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
48	Association between prenatal metal exposure and respiratory symptoms in childhood. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
49	Associations of Prenatal First-Trimester Metal Mixtures with Adiposity during Childhood in the Project Viva Cohort. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
50	Prenatal metal exposure, cord blood DNA methylation and persistence in childhood: epigenome-wide association study of twelve metals. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
51	Environmental exposure to metal mixtures and linear growth in healthy Ugandan children. , 2020, 15, e0233108.		0
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