

Maria Tellez-Plaza

List of Publications by Year in descending order

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Version: 2024-02-01

87
papers

4,239
citations

109321

35
h-index

114465

63
g-index

90
all docs

90
docs citations

90
times ranked

5264
citing authors

#	ARTICLE	IF	CITATIONS
1	Arsenic exposure and human blood DNA methylation and hydroxymethylation profiles in two diverse populations from Bangladesh and Spain. <i>Environmental Research</i> , 2022, 204, 112021.	7.5	6
2	Metal and metalloid levels in topsoil and municipal cardiovascular mortality in Spain. <i>Environmental Research</i> , 2022, 204, 112395.	7.5	5
3	Healthy lifestyle, metabolomics and incident type 2 diabetes in a population-based cohort from Spain. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2022, 19, 8.	4.6	19
4	Toxic Metals and Subclinical Atherosclerosis in Carotid, Femoral, and Coronary Vascular Territories: The Aragon Workers Health Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 87-99.	2.4	17
5	High Level of Selenium Exposure in the Strong Heart Study: A Cause for Incident Cardiovascular Disease?. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 990-997.	5.4	3
6	Gene-environment interaction analysis of redox-related metals and genetic variants with plasma metabolic patterns in a general population from Spain: The Hortega Study. <i>Redox Biology</i> , 2022, 52, 102314.	9.0	9
7	An epigenome-wide study of DNA methylation profiles and lung function among American Indians in the Strong Heart Study. <i>Clinical Epigenetics</i> , 2022, 14, .	4.1	0
8	Arsenic Exposure, Blood DNA Methylation, and Cardiovascular Disease. <i>Circulation Research</i> , 2022, 131, .	4.5	20
9	Arsenic, cadmium, and selenium exposures and bone mineral density-related endpoints: The HORTEGA study. <i>Free Radical Biology and Medicine</i> , 2021, 162, 392-400.	2.9	35
10	Renal function and attributable risk of death and cardiovascular hospitalization in participants with diabetes from a registry-based cohort. <i>Primary Care Diabetes</i> , 2021, 15, 88-94.	1.8	1
11	Metal biomarker mixtures and blood pressure in the United States: cross-sectional findings from the 1999-2006 National Health and Nutrition Examination Survey (NHANES). <i>Environmental Health</i> , 2021, 20, 15.	4.0	16
12	DNA methylation and cancer incidence: lymphaticâ€œhematopoietic versus solid cancers in the Strong Heart Study. <i>Clinical Epigenetics</i> , 2021, 13, 43.	4.1	8
13	Arsenic, blood pressure, and hypertension in the Strong Heart Family Study. <i>Environmental Research</i> , 2021, 195, 110864.	7.5	11
14	Blood cadmium and physical function limitations in older adults. <i>Environmental Pollution</i> , 2021, 276, 116748.	7.5	7
15	Genetic variation and urine cadmium levels: ABCC1 effects in the Strong Heart Family Study. <i>Environmental Pollution</i> , 2021, 276, 116717.	7.5	3
16	Toxic metals in toenails as biomarkers of exposure: A review. <i>Environmental Research</i> , 2021, 197, 111028.	7.5	39
17	Blood DNA Methylation and Incident Coronary Heart Disease. <i>JAMA Cardiology</i> , 2021, 6, 1237.	6.1	24
18	Metal exposure and biomarker levels among e-cigarette users in Spain. <i>Environmental Research</i> , 2021, 202, 111667.	7.5	12

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19	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , 2021, 12, 7174.	12.8	30
20	DNA methylation and adiposity phenotypes: an epigenome-wide association study among adults in the Strong Heart Study. <i>International Journal of Obesity</i> , 2020, 44, 2313-2322.	3.4	15
21	Cadmium, Smoking, and Human Blood DNA Methylation Profiles in Adults from the Strong Heart Study. <i>Environmental Health Perspectives</i> , 2020, 128, 67005.	6.0	57
22	Locus-Specific Differential DNA Methylation and Urinary Arsenic: An Epigenome-Wide Association Study in Blood among Adults with Low-to-Moderate Arsenic Exposure. <i>Environmental Health Perspectives</i> , 2020, 128, 67015.	6.0	23
23	Associations of maternal arsenic exposure with adult fasting glucose and insulin resistance in the Strong Heart Study and Strong Heart Family Study. <i>Environment International</i> , 2020, 137, 105531.	10.0	16
24	Desigualdades sociales en la mortalidad cardiovascular en España desde una perspectiva interseccional. <i>Revista Espanola De Cardiologia</i> , 2020, 73, 282-289.	1.2	15
25	Social inequalities in tobacco-attributable mortality in Spain. The intersection between age, sex and educational level. <i>PLoS ONE</i> , 2020, 15, e0239866.	2.5	12
26	Abstract MP31: Blood DNA Methylation Signatures of Incident Coronary Heart Disease: An Epigenome-wide Analysis in the Strong Heart Study. <i>Circulation</i> , 2020, 141, .	1.6	0
27	Ethnic, geographic and dietary differences in arsenic exposure in the multi-ethnic study of atherosclerosis (MESA). <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2019, 29, 310-322.	3.9	20
28	Immune-unreactive urinary albumin as a predictor of cardiovascular events: the Horteiga Study. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 633-641.	0.7	1
29	Cohort profile: the Horteiga Study for the evaluation of non-traditional risk factors of cardiometabolic and other chronic diseases in a general population from Spain. <i>BMJ Open</i> , 2019, 9, e024073.	1.9	12
30	Association of Arsenic Exposure With Cardiac Geometry and Left Ventricular Function in Young Adults. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009018.	2.6	34
31	The association of urine metals and metal mixtures with cardiovascular incidence in an adult population from Spain: the Horteiga Follow-Up Study. <i>International Journal of Epidemiology</i> , 2019, 48, 1839-1849.	1.9	75
32	Mendelian Randomization and the Environmental Epigenetics of Health: a Systematic Review. <i>Current Environmental Health Reports</i> , 2019, 6, 38-51.	6.7	7
33	Urinary metals and metal mixtures and oxidative stress biomarkers in an adult population from Spain: The Horteiga Study. <i>Environment International</i> , 2019, 123, 171-180.	10.0	68
34	Urinary metals and leukocyte telomere length in American Indian communities: The Strong Heart and the Strong Heart Family Study. <i>Environmental Pollution</i> , 2019, 246, 311-318.	7.5	23
35	MLML2R: an R package for maximum likelihood estimation of DNA methylation and hydroxymethylation proportions. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2019, 18, .	0.6	12
36	Arsenic exposure, diabetes-related genes and diabetes prevalence in a general population from Spain. <i>Environmental Pollution</i> , 2018, 235, 948-955.	7.5	52

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37	<i>In silico</i> epigenetics of metal exposure and subclinical atherosclerosis in middle aged men: pilot results from the Aragon Workers Health Study. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170084.	4.0	18
38	LDL particle size and composition and incident cardiovascular disease in a South-European population: The Hortegea-Liposcale Follow-up Study. <i>International Journal of Cardiology</i> , 2018, 264, 172-178.	1.7	52
39	Cadmium body burden, hypertension, and changes in blood pressure over time: results from a prospective cohort study in American Indians. <i>Journal of the American Society of Hypertension</i> , 2018, 12, 426-437.e9.	2.3	39
40	Blood Concentrations of Persistent Organic Pollutants and Unhealthy Metabolic Phenotypes in Normal-Weight, Overweight, and Obese Individuals. <i>American Journal of Epidemiology</i> , 2018, 187, 494-506.	3.4	19
41	Mortality and cardiovascular disease burden of uncontrolled diabetes in a registry-based cohort: the ESCARVAL-risk study. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 180.	1.7	29
42	Impact of declining exposure to secondhand tobacco smoke in public places to decreasing smoking-related cancer mortality in the US population. <i>Environment International</i> , 2018, 117, 260-267.	10.0	12
43	Ethnic, Geographic, and Genetic Differences in Arsenic Metabolism at Low Arsenic Exposure: A Preliminary Analysis in the Multi-Ethnic Study of Atherosclerosis (MESA). <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1179.	2.6	11
44	Environmental metals and cardiovascular disease. <i>BMJ: British Medical Journal</i> , 2018, 362, k3435.	2.3	35
45	A gene-environment interaction analysis of plasma selenium with prevalent and incident diabetes: The Hortegea study. <i>Redox Biology</i> , 2017, 12, 798-805.	9.0	40
46	Urine cadmium levels and albuminuria in a general population from Spain: A gene-environment interaction analysis. <i>Environment International</i> , 2017, 106, 27-36.	10.0	44
47	Dietary determinants of cadmium exposure in the Strong Heart Family Study. <i>Food and Chemical Toxicology</i> , 2017, 100, 239-246.	3.6	25
48	Declining exposures to lead and cadmium contribute to explaining the reduction of cardiovascular mortality in the US population, 1988â€“2004. <i>International Journal of Epidemiology</i> , 2017, 46, 1903-1912.	1.9	69
49	Identification of differentially methylated BRCA1 and CRISP2 DNA regions as blood surrogate markers for cardiovascular disease. <i>Scientific Reports</i> , 2017, 7, 5120.	3.3	42
50	Cadmium body burden and increased blood pressure in middle-aged American Indians: the Strong Heart Study. <i>Journal of Human Hypertension</i> , 2017, 31, 225-230.	2.2	55
51	Lipid profile, cardiovascular disease and mortality in a Mediterranean high-risk population: The ESCARVAL-RISK study. <i>PLoS ONE</i> , 2017, 12, e0186196.	2.5	72
52	Association of Geography and Ambient Air Pollution with Urine Metal Concentrations in Six US Cities: The Multi-Ethnic Study of Atherosclerosis. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 324.	2.6	13
53	Impact of hypertension on mortality and cardiovascular disease burden in patients with cardiovascular risk factors from a general practice setting. <i>Journal of Hypertension</i> , 2016, 34, 1075-1083.	0.5	55
54	Peripheral Arterial Disease and Its Association With Arsenic Exposure and Metabolism in the Strong Heart Study. <i>American Journal of Epidemiology</i> , 2016, 184, 806-817.	3.4	29

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55	Renal function and attributable risk of death and cardiovascular hospitalization in patients with cardiovascular risk factors from a registry-based cohort. <i>Journal of Hypertension</i> , 2016, 34, 2266-2273.	0.5	7
56	Estimation of Inorganic Arsenic Exposure in Populations With Frequent Seafood Intake: Evidence From MESA and NHANES. <i>American Journal of Epidemiology</i> , 2016, 184, 590-602.	3.4	60
57	Environmental Metals and Cardiovascular Disease in Adults: A Systematic Review Beyond Lead and Cadmium. <i>Current Environmental Health Reports</i> , 2016, 3, 416-433.	6.7	105
58	Improving Mortality Prediction in Cardiovascular Risk Patients by Balancing Classes. , 2015, , .		2
59	Environmental chemicals and DNA methylation in adults: a systematic review of the epidemiologic evidence. <i>Clinical Epigenetics</i> , 2015, 7, 55.	4.1	166
60	Do Genes Modify the Association of Selenium and Lipid Levels?. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1352-1362.	5.4	10
61	Linkage Analysis of Urine Arsenic Species Patterns in the Strong Heart Family Study. <i>Toxicological Sciences</i> , 2015, 148, 89-100.	3.1	14
62	Cadmium Exposure and Cancer Mortality in a Prospective Cohort: The Strong Heart Study. <i>Environmental Health Perspectives</i> , 2014, 122, 363-370.	6.0	143
63	Association of Global DNA Methylation and Global DNA Hydroxymethylation with Metals and Other Exposures in Human Blood DNA Samples. <i>Environmental Health Perspectives</i> , 2014, 122, 946-954.	6.0	102
64	Plasma selenium levels and oxidative stress biomarkers: A gene-environment interaction population-based study. <i>Free Radical Biology and Medicine</i> , 2014, 74, 229-236.	2.9	49
65	Cadmium Exposure and Clinical Cardiovascular Disease: A Systematic Review. <i>Current Atherosclerosis Reports</i> , 2013, 15, 356.	4.8	203
66	Urine Arsenic and Prevalent Albuminuria: Evidence From a Population-Based Study. <i>American Journal of Kidney Diseases</i> , 2013, 61, 385-394.	1.9	62
67	Cadmium and Cardiovascular Risk. <i>Epidemiology</i> , 2013, 24, 784-785.	2.7	5
68	Heritability and Preliminary Genome-Wide Linkage Analysis of Arsenic Metabolites in Urine. <i>Environmental Health Perspectives</i> , 2013, 121, 345-351.	6.0	31
69	Cadmium Exposure and Incident Peripheral Arterial Disease. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013, 6, 626-633.	2.2	61
70	Cadmium Exposure and Incident Cardiovascular Disease. <i>Epidemiology</i> , 2013, 24, 421-429.	2.7	277
71	Menthol Cigarettes, Race/Ethnicity, and Biomarkers of Tobacco Use in U.S. Adults: The 1999-2010 National Health and Nutrition Examination Survey (NHANES). <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 224-232.	2.5	49
72	Cadmium exposure and incident peripheral arterial disease. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013, 6, 626-33.	2.2	28

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73	Smoking, Menthol Cigarettes and All-Cause, Cancer and Cardiovascular Mortality: Evidence from the National Health and Nutrition Examination Survey (NHANES) and a Meta-Analysis. PLoS ONE, 2013, 8, e77941.	2.5	31
74	Cadmium Exposure and All-Cause and Cardiovascular Mortality in the U.S. General Population. Environmental Health Perspectives, 2012, 120, 1017-1022.	6.0	217
75	Reduction in Cadmium Exposure in the United States Population, 1988â€“2008: The Contribution of Declining Smoking Rates. Environmental Health Perspectives, 2012, 120, 204-209.	6.0	128
76	E-006. Epidemiology, 2012, 23, 1.	2.7	0
77	P-435. Epidemiology, 2012, 23, 1.	2.7	0
78	Blood Concentrations of Persistent Organic Pollutants and Prediabetes and Diabetes in the General Population of Catalonia. Environmental Science & Technology, 2012, 46, 7799-7810.	10.0	69
79	Arsenic species and selected metals in human urine: validation of HPLC/ICPMS and ICPMS procedures for a long-term population-based epidemiological study. Analytical Methods, 2012, 4, 406.	2.7	121
80	Urine Arsenic and Hypertension in US Adults. Epidemiology, 2011, 22, 153-161.	2.7	67
81	Blood Cadmium and Chronic Kidney Disease in Korean Adults. Epidemiology, 2011, 22, S75.	2.7	1
82	Blood Cadmium and Estimated Glomerular Filtration Rate in Korean Adults. Environmental Health Perspectives, 2011, 119, 1800-1805.	6.0	71
83	Blood Lead Level and Kidney Function in US Adolescents. Archives of Internal Medicine, 2010, 170, 75.	3.8	126
84	Cadmium and Peripheral Arterial Disease: Gender Differences in the 1999â€“2004 US National Health and Nutrition Examination Survey. American Journal of Epidemiology, 2010, 172, 671-681.	3.4	85
85	Blood Cadmium and Lead and Chronic Kidney Disease in US Adults: A Joint Analysis. American Journal of Epidemiology, 2009, 170, 1156-1164.	3.4	313
86	A Tobit Model to Address the Instrumental Limit of Detection in the Study of Blood Cadmium and Peripheral Arterial Disease in US Adults. Epidemiology, 2009, 20, S187.	2.7	2
87	Cadmium Exposure and Hypertension in the 1999â€“2004 National Health and Nutrition Examination Survey (NHANES). Environmental Health Perspectives, 2008, 116, 51-56.	6.0	256