

Brisa N SÃ¡nchez

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

4,817
citations

117625

34
h-index

106344

65
g-index

135
all docs

135
docs citations

135
times ranked

7111
citing authors

#	ARTICLE	IF	CITATIONS
1	Clustering of Fast-Food Restaurants Around Schools: A Novel Application of Spatial Statistics to the Study of Food Environments. <i>American Journal of Public Health</i> , 2005, 95, 1575-1581.	2.7	356
2	Influence of Prenatal Lead Exposure on Genomic Methylation of Cord Blood DNA. <i>Environmental Health Perspectives</i> , 2009, 117, 1466-1471.	6.0	247
3	Longitudinal Associations Between Neighborhood Physical and Social Environments and Incident Type 2 Diabetes Mellitus. <i>JAMA Internal Medicine</i> , 2015, 175, 1311.	5.1	234
4	Socioeconomic and race/ethnic differences in daily salivary cortisol profiles: The Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2010, 35, 932-943.	2.7	194
5	Relation between Neighborhood Environments and Obesity in the Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Epidemiology</i> , 2008, 167, 1349-1357.	3.4	191
6	Statistical Methods to Study Timing of Vulnerability with Sparsely Sampled Data on Environmental Toxicants. <i>Environmental Health Perspectives</i> , 2011, 119, 409-415.	6.0	161
7	Climate change and health: Indoor heat exposure in vulnerable populations. <i>Environmental Research</i> , 2012, 112, 20-27.	7.5	147
8	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.	6.0	144
9	Intracerebral hemorrhage mortality is not changing despite declining incidence. <i>Neurology</i> , 2014, 82, 2180-2186.	1.1	137
10	Structural Equation Models. <i>Journal of the American Statistical Association</i> , 2005, 100, 1443-1455.	3.1	124
11	Validity of Self-Assessed Sexual Maturation Against Physician Assessments and Hormone Levels. <i>Journal of Pediatrics</i> , 2017, 186, 172-178.e3.	1.8	111
12	Air pollution, inflammation and preterm birth: A potential mechanistic link. <i>Medical Hypotheses</i> , 2014, 82, 219-224.	1.5	108
13	Full medical support for intracerebral hemorrhage. <i>Neurology</i> , 2015, 84, 1739-1744.	1.1	108
14	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.	7.5	100
15	Differential effect of birthplace and length of residence on body mass index (BMI) by education, gender and race/ethnicity. <i>Social Science and Medicine</i> , 2008, 67, 1300-1310.	3.8	95
16	Do Socioeconomic Gradients in Body Mass Index Vary by Race/Ethnicity, Gender, and Birthplace?. <i>American Journal of Epidemiology</i> , 2009, 169, 1102-1112.	3.4	93
17	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, 405-412.	4.3	89
18	Early Life Exposure in Mexico to ENvironmental Toxicants (ELEMENT) Project. <i>BMJ Open</i> , 2019, 9, e030427.	1.9	76

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19	Prenatal Lead Exposure and Weight of 0- to 5-Year-Old Children in Mexico City. <i>Environmental Health Perspectives</i> , 2011, 119, 1436-1441.	6.0	73
20	Prenatal fluoride exposure and attention deficit hyperactivity disorder (ADHD) symptoms in children at 6â€“12â€“years of age in Mexico City. <i>Environment International</i> , 2018, 121, 658-666.	10.0	73
21	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.	7.5	70
22	Perinatal Lead (Pb) Exposure Results in Sex-Specific Effects on Food Intake, Fat, Weight, and Insulin Response across the Murine Life-Course. <i>PLoS ONE</i> , 2014, 9, e104273.	2.5	66
23	Variability in physician prognosis and recommendations after intracerebral hemorrhage. <i>Neurology</i> , 2016, 86, 1864-1871.	1.1	62
24	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, 307-313.	7.5	60
25	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.	4.0	59
26	Mercury levels in pregnant women, children, and seafood from Mexico City. <i>Environmental Research</i> , 2014, 135, 63-69.	7.5	57
27	Stability and predictors of change in salivary cortisol measures over six years: MESA. <i>Psychoneuroendocrinology</i> , 2014, 49, 310-320.	2.7	49
28	Quality control and statistical modeling for environmental epigenetics: A study on<i>in utero</i>lead exposure and DNA methylation at birth. <i>Epigenetics</i> , 2015, 10, 19-30.	2.7	49
29	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.	7.5	48
30	Adolescent epigenetic profiles and environmental exposures from early life through peri-adolescence. <i>Environmental Epigenetics</i> , 2016, 2, dvw018.	1.8	44
31	Sleepâ€“disordered breathing and poststroke outcomes. <i>Annals of Neurology</i> , 2019, 86, 241-250.	5.3	43
32	Neighborhood Physical Environment and Changes in Body Mass Index: Results From the Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Epidemiology</i> , 2017, 186, 1237-1245.	3.4	40
33	Differential Associations Between the Food Environment Near Schools and Childhood Overweight Across Race/Ethnicity, Gender, and Grade. <i>American Journal of Epidemiology</i> , 2012, 175, 1284-1293.	3.4	36
34	Relationship between the cortisol awakening response and other features of the diurnal cortisol rhythm: The Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2013, 38, 2720-2728.	2.7	36
35	Association of Salivary Cortisol Circadian Pattern With Cynical Hostility: Multi-Ethnic Study of Atherosclerosis. <i>Psychosomatic Medicine</i> , 2009, 71, 748-755.	2.0	34
36	Examining the association between salivary cortisol levels and subclinical measures of atherosclerosis: The Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2013, 38, 1036-1046.	2.7	34

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37	An Investigation of Organic and Inorganic Mercury Exposure and Blood Pressure in a Small-Scale Gold Mining Community in Ghana. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 10020-10038.	2.6	33
38	A Multicomponent Behavioral Intervention to Reduce Stroke Risk Factor Behaviors. <i>Stroke</i> , 2015, 46, 2861-2867.	2.0	32
39	Change in Neighborhood Characteristics and Change in Coronary Artery Calcium. <i>Circulation</i> , 2016, 134, 504-513.	1.6	32
40	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.	2.9	32
41	Association Between Competitive Food and Beverage Policies in Elementary Schools and Childhood Overweight/Obesity Trends. <i>JAMA Pediatrics</i> , 2015, 169, e150781.	6.2	30
42	Urinary and plasma fluoride levels in pregnant women from Mexico City. <i>Environmental Research</i> , 2016, 150, 489-495.	7.5	29
43	Synergism of Short-Term Air Pollution Exposures and Neighborhood Disadvantage on Initial Stroke Severity. <i>Stroke</i> , 2017, 48, 3126-3129.	2.0	29
44	HFE Gene Variants Modify the Association between Maternal Lead Burden and Infant Birthweight: A Prospective Birth Cohort Study in Mexico City, Mexico. <i>Environmental Health</i> , 2010, 9, 43.	4.0	28
45	Neighborhood Social Resources and Depressive Symptoms: Longitudinal Results from the Multi-Ethnic Study of Atherosclerosis. <i>Journal of Urban Health</i> , 2016, 93, 572-588.	3.6	28
46	Early lead exposure and pubertal development in a Mexico City population. <i>Environment International</i> , 2019, 125, 445-451.	10.0	28
47	Air pollution and inflammation: Findings from concurrent repeated measures of systemic and reproductive tract cytokines during term pregnancy in Mexico City. <i>Science of the Total Environment</i> , 2019, 681, 235-241.	8.0	27
48	Examining the cross-sectional and longitudinal association between diurnal cortisol and neighborhood characteristics: Evidence from the multi-ethnic study of atherosclerosis. <i>Health and Place</i> , 2015, 34, 199-206.	3.3	26
49	Salivary cortisol protocol adherence and reliability by socio-demographic features: The Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2014, 43, 30-40.	2.7	25
50	High prevalence of poststroke sleep-disordered breathing in Mexican Americans. <i>Sleep Medicine</i> , 2017, 33, 97-102.	1.6	25
51	An assessment of drinking water contamination with <i>Helicobacter pylori</i> in Lima, Peru. <i>Helicobacter</i> , 2018, 23, e12462.	3.5	24
52	Changes in Fast Food Outlet Availability Near Schools: Unequal Patterns by Income, Race/Ethnicity, and Urbanicity. <i>American Journal of Preventive Medicine</i> , 2019, 57, 338-345.	3.0	24
53	Food environment near schools and body weight—A systematic review of associations by race/ethnicity, gender, grade, and socioeconomic factors. <i>Obesity Reviews</i> , 2020, 21, e12997.	6.5	24
54	Dietary patterns and diet quality during pregnancy and low birthweight: The PRINCESA cohort. <i>Maternal and Child Nutrition</i> , 2020, 16, e12972.	3.0	23

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55	The Impact of Pre-Stroke Depressive Symptoms, Fatalism, and Social Support on Disability after Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 2686-2691.	1.6	21
56	Gestational weight gain trajectories over pregnancy and their association with maternal diet quality: Results from the PRINCESA cohort. <i>Nutrition</i> , 2019, 65, 158-166.	2.4	21
57	Short-term exposures to ambient air pollution and risk of recurrent ischemic stroke. <i>Environmental Research</i> , 2017, 152, 304-307.	7.5	20
58	Fluoride exposure and pubertal development in children living in Mexico City. <i>Environmental Health</i> , 2019, 18, 26.	4.0	20
59	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.	10.0	20
60	Prenatal Lead Exposure Modifies the Impact of Maternal Self-Esteem on Children's Inattention Behavior. <i>Journal of Pediatrics</i> , 2015, 167, 435-441.	1.8	19
61	Distributed Lag Models. <i>Epidemiology</i> , 2016, 27, 116-124.	2.7	19
62	Sex difference in prevalence of depression after stroke. <i>Neurology</i> , 2020, 94, e1973-e1983.	1.1	19
63	Ethnic differences in ambient air pollution and risk of acute ischemic stroke. <i>Environmental Research</i> , 2015, 143, 62-67.	7.5	18
64	Ethnic Differences in Prevalence of Post-stroke Depression. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018, 11, e004222.	2.2	18
65	Association between fluoride exposure and cardiometabolic risk in peripubertal Mexican children. <i>Environment International</i> , 2020, 134, 105302.	10.0	17
66	Determinants of Residential Preferences Related to Built and Social Environments and Concordance between Neighborhood Characteristics and Preferences. <i>Journal of Urban Health</i> , 2020, 97, 62-77.	3.6	17
67	Accelerometer-measured Physical Activity, Reproductive Hormones, and DNA Methylation. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 598-607.	0.4	17
68	Residual-Based Diagnostics for Structural Equation Models. <i>Biometrics</i> , 2009, 65, 104-115.	1.4	16
69	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.	2.7	16
70	Clinical phenotypes of obstructive sleep apnea after ischemic stroke: a cluster analysis. <i>Sleep Medicine</i> , 2019, 60, 178-181.	1.6	16
71	Racial and Ethnic Differences in Disability Transitions Among Older Adults in the United States. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 406-411.	3.6	16
72	Association between cumulative childhood blood lead exposure and hepatic steatosis in young Mexican adults. <i>Environmental Research</i> , 2021, 196, 110980.	7.5	16

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73	Temporal trends in age at ischemic stroke onset by ethnicity. <i>Annals of Epidemiology</i> , 2018, 28, 686-690.e2.	1.9	15
74	Early lead exposure and childhood adiposity in Mexico city. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 965-970.	4.3	15
75	Association of Bisphenol A Exposure with Breastfeeding and Perceived Insufficient Milk Supply in Mexican Women. <i>Maternal and Child Health Journal</i> , 2016, 20, 1713-1719.	1.5	14
76	Prenatal Lead Exposure, Type 2 Diabetes, and Cardiometabolic Risk Factors in Mexican Children at Age 10-18 Years. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 210-218.	3.6	14
77	Modeling the Salivary Cortisol Profile in Population Research: The Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Epidemiology</i> , 2012, 176, 918-928.	3.4	12
78	Study design in high-dimensional classification analysis. <i>Biostatistics</i> , 2016, 17, 722-736.	1.5	12
79	In utero and peripubertal metals exposure in relation to reproductive hormones and sexual maturation and progression among boys in Mexico City. <i>Environmental Health</i> , 2020, 19, 124.	4.0	12
80	Estimating the causal effect of prenatal lead exposure on prepulse inhibition deficits in children and adolescents. <i>NeuroToxicology</i> , 2020, 78, 116-126.	3.0	12
81	Neighborhood characteristics and transport walking: Exploring multiple pathways of influence using a structural equation modeling approach. <i>Journal of Transport Geography</i> , 2020, 85, 102703.	5.0	12
82	Physical education policy compliance and Latino children's fitness: Does the association vary by school neighborhood socioeconomic advantage?. <i>PLoS ONE</i> , 2017, 12, e0178980.	2.5	12
83	Associations of neighborhood socioeconomic and racial/ethnic characteristics with changes in survey-based neighborhood quality, 2000-2011. <i>Health and Place</i> , 2016, 42, 30-36.	3.3	11
84	Measurement challenges for childhood obesity research within and between Latin America and the United States. <i>Obesity Reviews</i> , 2021, 22, e13242.	6.5	11
85	An estimating equations approach to fitting latent exposure models with longitudinal health outcomes. <i>Annals of Applied Statistics</i> , 2009, 3, .	1.1	10
86	Impact of Stroke Risk Factors on Ethnic Stroke Disparities Among Midlife Mexican Americans and Non-Hispanic Whites. <i>Stroke</i> , 2017, 48, 2872-2874.	2.0	10
87	Sleep duration and fragmentation in relation to leukocyte DNA methylation in adolescents. <i>Sleep</i> , 2019, 42, .	1.1	10
88	Particulate matter exposure, dietary inflammatory index and preterm birth in Mexico city, Mexico. <i>Environmental Research</i> , 2020, 189, 109852.	7.5	10
89	Job Strain and the Cortisol Diurnal Cycle in MESA: Accounting for Between- and Within-Day Variability. <i>American Journal of Epidemiology</i> , 2016, 183, 497-506.	3.4	9
90	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.	3.3	9

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91	Nativity, US Length of Residence, and BMI Among Diverse Asian American Ethnic Groups. <i>Journal of Immigrant and Minority Health</i> , 2015, 17, 1496-1503.	1.6	8
92	Time Trends in Race-Ethnic Differences in Do-Not-Resuscitate Orders After Stroke. <i>Stroke</i> , 2019, 50, 1641-1647.	2.0	8
93	Repeated Measures of Cervicovaginal Cytokines during Healthy Pregnancy: Understanding “Normal” Inflammation to Inform Future Screening. <i>American Journal of Perinatology</i> , 2020, 37, 613-620.	1.4	8
94	Association of Blood Pressure and Cognition after Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104754.	1.6	8
95	A Latent Variable Approach to Study Gene-Environment Interactions in the Presence of Multiple Correlated Exposures. <i>Biometrics</i> , 2012, 68, 466-476.	1.4	7
96	Prevalence of pre-stroke sleep apnea risk and short or long sleep duration in a bi-ethnic stroke population. <i>Sleep Medicine</i> , 2014, 15, 1582-1585.	1.6	7
97	Diurnal salivary cortisol and nativity/duration of residence in Latinos: The Multi-Ethnic Study of Atherosclerosis. <i>Psychoneuroendocrinology</i> , 2017, 85, 179-189.	2.7	6
98	Exploring the spatial scale effects of built environments on transport walking: Multi-Ethnic Study of Atherosclerosis. <i>Health and Place</i> , 2022, 73, 102722.	3.3	6
99	Combining data from primary and ancillary surveys to assess the association between neighborhood-level characteristics and health outcomes: the Multi-Ethnic Study of Artherosclerosis. <i>Statistics in Medicine</i> , 2008, 27, 5745-5763.	1.6	5
100	FPCA-based Method to Select Optimal Sampling Schedules That Capture Between-subject Variability in Longitudinal Studies. <i>Biometrics</i> , 2018, 74, 229-238.	1.4	5
101	Dietary Intake of Selenium in Relation to Pubertal Development in Mexican Children. <i>Nutrients</i> , 2019, 11, 1595.	4.1	5
102	School nutrition laws in the US: do they influence obesity among youth in a racially/ethnically diverse state?. <i>International Journal of Obesity</i> , 2021, 45, 2358-2368.	3.4	5
103	Hierarchical multiple informants models: examining food environment contributions to the childhood obesity epidemic. <i>Statistics in Medicine</i> , 2014, 33, 662-674.	1.6	4
104	Sex differences in the impact of acute stroke treatment in a population-based study: a sex-specific propensity score approach. <i>Annals of Epidemiology</i> , 2017, 27, 493-498.e2.	1.9	4
105	Socio-demographic predictors of prepulse inhibition: A prospective study in children and adolescents from Mexico City. <i>Biological Psychology</i> , 2019, 145, 8-16.	2.2	4
106	A Population-Based Study of Intracerebral Hemorrhage Survivors’ Outcomes. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2019, 28, 49-55.	1.6	4
107	Latent variable models for gene-environment interactions in longitudinal studies with multiple correlated exposures. <i>Statistics in Medicine</i> , 2015, 34, 1227-1241.	1.6	3
108	The Association between Changes in Behavioral Risk Factors for Stroke and Changes in Blood Pressure. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2116-2121.	1.6	3

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109	Estimators for longitudinal latent exposure models: examining measurement model assumptions. <i>Statistics in Medicine</i> , 2017, 36, 2048-2066.	1.6	3
110	Long-term neighborhood ethnic composition and weight-related outcomes among immigrants: The Multi-Ethnic Study of Atherosclerosis. <i>Health and Place</i> , 2019, 58, 102147.	3.3	3
111	Dietary exposures, epigenetics and pubertal tempo. <i>Environmental Epigenetics</i> , 2019, 5, dvz002.	1.8	3
112	Timing of Cervico-Vaginal Cytokine Collection during Pregnancy and Preterm Birth: A Comparative Analysis in the PRINCESA Cohort. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3436.	2.6	3
113	Process Evaluation of a Faith-Based Multicomponent Behavioral Intervention to Reduce Stroke Risk in Mexican Americans in a Catholic Church Setting: The SHARE (Stroke Health and Risk Education) Project. <i>Journal of Religion and Health</i> , 2021, 60, 3915-3930.	1.7	3
114	Racial/ethnic disparities in childhood obesity: The role of school segregation. <i>Obesity</i> , 2022, 30, 1116-1125.	3.0	3
115	Response to Letter Regarding Article, "Neurological, Functional, and Cognitive Stroke Outcomes in Mexican Americans". <i>Stroke</i> , 2014, 45, e168.	2.0	2
116	Stroke Performance Measures Do Not Predict Functional Outcome. <i>Neurohospitalist</i> , The, 2017, 7, 113-121.	0.8	2
117	AUSTIN ET AL. RESPOND. <i>American Journal of Public Health</i> , 2006, 96, 205-a-206.	2.7	1
118	Using a latent variable model with non-constant factor loadings to examine PM2.5 constituents related to secondary inorganic aerosols. <i>Statistical Modelling</i> , 2016, 16, 91-113.	1.1	1
119	Lack of Worsening of Sleep-Disordered Breathing After Recurrent Stroke in the BASIC Project. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 835-839.	2.6	1
120	Extending Tests of Random Effects to Assess for Measurement Invariance in Factor Models. <i>Statistics in Biosciences</i> , 2018, 10, 634-650.	1.2	1
121	The Authors Reply. <i>American Journal of Epidemiology</i> , 2016, 183, 1172-1173.	3.4	0
122	A high-fat meat, dairy and sweets pattern is negatively associated with BMI in Mexican preschool children. <i>FASEB Journal</i> , 2012, 26, 130.8.	0.5	0
123	Impact of Maternal Prenatal Mineral Intake on Pubertal Onset in Mexican Children. <i>FASEB Journal</i> , 2015, 29, 590.1.	0.5	0
124	Abstract WP224: Impact of Stroke Risk Factors on Ethnic Stroke Disparities Among Midlife Mexican Americans and Non-hispanic Whites. <i>Stroke</i> , 2017, 48, .	2.0	0
125	Desafíos de medicina para la investigación de la obesidad infantil en y entre América Latina y Estados Unidos. <i>Obesity Reviews</i> , 2021, 22, e13353.	6.5	0
126	Split and combine simulation extrapolation algorithm to correct geocoding coarsening of built environment exposures. <i>Statistics in Medicine</i> , 2022, 41, 1932-1949.	1.6	0