

Marie Lynn Miranda

List of Publications by Year in descending order

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111
papers

4,206
citations

94433

37
h-index

128289

60
g-index

112
all docs

112
docs citations

112
times ranked

5770
citing authors

#	ARTICLE	IF	CITATIONS
1	Exposure to heat during pregnancy and preterm birth in North Carolina: Main effect and disparities by residential greenness, urbanicity, and socioeconomic status. <i>Environmental Research</i> , 2022, 204, 112315.	7.5	10
2	Powering Research through Innovative Methods for Mixtures in Epidemiology (PRIME) Program: Novel and Expanded Statistical Methods. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1378.	2.6	32
3	SARS-CoV-2 Variant Tracking and Mitigation During In-Person Learning at a Midwestern University in the 2020-2021 School Year. <i>JAMA Network Open</i> , 2022, 5, e2146805.	5.9	11
4	Concentrations of per- and polyfluoroalkyl substances (PFAS) in human placental tissues and associations with birth outcomes. <i>Chemosphere</i> , 2022, 295, 133873.	8.2	41
5	Where Is Air Quality Improving, and Who Benefits? A Study of PM2.5 and Ozone Over 15 Years. <i>American Journal of Epidemiology</i> , 2022, 191, 1258-1269.	3.4	11
6	Disparities in air quality downscaler model uncertainty across socioeconomic and demographic indicators in North Carolina. <i>Environmental Research</i> , 2022, 212, 113418.	7.5	2
7	Response to a COVID-19 Outbreak on a University Campus " Indiana, August 2020. <i>Morbidity and Mortality Weekly Report</i> , 2021, 70, 118-122.	15.1	93
8	Long-term Exposure to PM2.5 and Mortality for the Older Population: Effect Modification by Residential Greenness. <i>Epidemiology</i> , 2021, 32, 477-486.	2.7	18
9	Spatial distributed lag data fusion for estimating ambient air pollution. <i>Annals of Applied Statistics</i> , 2021, 15, 323-342.	1.1	2
10	Distribution of environmental justice metrics for exposure to CAFOs in North Carolina, USA. <i>Environmental Research</i> , 2021, 195, 110862.	7.5	26
11	Bayesian variable selection for understanding mixtures in environmental exposures. <i>Statistics in Medicine</i> , 2021, 40, 4850-4871.	1.6	9
12	Effects of accumulated environmental, social and host exposures on early childhood educational outcomes. <i>Environmental Research</i> , 2021, 198, 111241.	7.5	4
13	Immigrant Disparities in Estimated Effects of Fine Particulate Matter on Birth Weight. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
14	Exposure to concentrated animal feeding operations (CAFOs) and risk of mortality in North Carolina, USA. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
15	Assessing Disparity Using Measures of Racial and Educational Isolation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9384.	2.6	8
16	Exposure to concentrated animal feeding operations (CAFOs) and risk of mortality in North Carolina, USA. <i>Science of the Total Environment</i> , 2021, 799, 149407.	8.0	9
17	Risk Factors for Sudden Infant Death in North Carolina. <i>Frontiers in Pediatrics</i> , 2021, 9, 770803.	1.9	2
18	Process Evaluation of a Community-Based Microbial Larviciding Intervention for Malaria Control in Rural Tanzania. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7309.	2.6	10

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19	Health disparities attributable to air pollutant exposure in North Carolina: Influence of residential environmental and social factors. <i>Health and Place</i> , 2020, 62, 102287.	3.3	23
20	The Rate Stabilizing Tool: Generating Stable Local-Level Measures of Chronic Disease. <i>Preventing Chronic Disease</i> , 2019, 16, E38.	3.4	3
21	Characteristics of the built environment and spatial patterning of type 2 diabetes in the urban core of Durham, North Carolina. <i>Journal of Epidemiology and Community Health</i> , 2019, 73, 303-310.	3.7	8
22	Residential Racial Isolation and Spatial Patterning of Hypertension in Durham, North Carolina. <i>Preventing Chronic Disease</i> , 2019, 16, E36.	3.4	14
23	Getting the EPA back on track. <i>Science</i> , 2019, 366, 1173-1173.	12.6	1
24	Variation in Gastrostomy Tube Placement in Premature Infants in the United States. <i>American Journal of Perinatology</i> , 2019, 36, 1243-1249.	1.4	21
25	A multi-institution analysis of predictors of timing of inguinal hernia repair among premature infants. <i>Journal of Pediatric Surgery</i> , 2018, 53, 784-788.	1.6	8
26	Associations Between Residential Proximity to Traffic and Vascular Disease in a Cardiac Catheterization Cohort. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 275-282.	2.4	15
27	Predictors of Prolonged Breast Milk Provision to Very Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2018, 202, 23-30.e1.	1.8	17
28	Residential Racial Isolation and Spatial Patterning of Type 2 Diabetes Mellitus in Durham, North Carolina. <i>American Journal of Epidemiology</i> , 2018, 187, 1467-1476.	3.4	26
29	The association of single-nucleotide polymorphisms in the oxytocin receptor and G protein-coupled receptor kinase 6 (GRK6) genes with oxytocin dosing requirements and labor outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2017, 217, 367.e1-367.e9.	1.3	12
30	Assessing electronic health record phenotypes against gold-standard diagnostic criteria for diabetes mellitus. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, e121-e128.	4.4	60
31	A longitudinal cohort study of malaria exposure and changing serostatus in a malaria endemic area of rural Tanzania. <i>Malaria Journal</i> , 2017, 16, 309.	2.3	10
32	A genome-wide trans-ethnic interaction study links the PIGR-FCAMR locus to coronary atherosclerosis via interactions between genetic variants and residential exposure to traffic. <i>PLoS ONE</i> , 2017, 12, e0173880.	2.5	21
33	Genetic Variants in the Bone Morphogenic Protein Gene Family Modify the Association between Residential Exposure to Traffic and Peripheral Arterial Disease. <i>PLoS ONE</i> , 2016, 11, e0152670.	2.5	23
34	Brominated flame retardants in placental tissues: associations with infant sex and thyroid hormone endpoints. <i>Environmental Health</i> , 2016, 15, 113.	4.0	99
35	Development of an analytical method to quantify PBDEs, OH-BDEs, HBCDs, 2,4,6-TBP, EH-TBB, and BEH-TEBP in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2449-2459.	3.7	38
36	Racial isolation and exposure to airborne particulate matter and ozone in understudied US populations: Environmental justice applications of downscaled numerical model output. <i>Environment International</i> , 2016, 92-93, 247-255.	10.0	109

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37	A Multidimensional Approach to Characterizing Psychosocial Health During Pregnancy. <i>Maternal and Child Health Journal</i> , 2016, 20, 1103-1113.	1.5	31
38	Assessing Geographic Variation in Strabismus Diagnosis among Children Enrolled in Medicaid. <i>Ophthalmology</i> , 2016, 123, 2013-2022.	5.2	23
39	Implications of construction method and spatial scale on measures of the built environment. <i>International Journal of Health Geographics</i> , 2016, 15, 15.	2.5	8
40	Concentrations of polybrominated diphenyl ethers (PBDEs) and 2,4,6-tribromophenol in human placental tissues. <i>Environment International</i> , 2016, 88, 23-29.	10.0	90
41	Association of Roadway Proximity with Fasting Plasma Glucose and Metabolic Risk Factors for Cardiovascular Disease in a Cross-Sectional Study of Cardiac Catheterization Patients. <i>Environmental Health Perspectives</i> , 2015, 123, 1007-1014.	6.0	27
42	Cadmium levels in a North Carolina cohort: Identifying risk factors for elevated levels during pregnancy. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015, 25, 427-432.	3.9	15
43	Methods and initial findings from the Durham Diabetes Coalition: Integrating geospatial health technology and community interventions to reduce death and disability. <i>Journal of Clinical and Translational Endocrinology</i> , 2015, 2, 26-36.	1.4	21
44	Utility of Socioeconomic Status in Predicting 30-Day Outcomes After Heart Failure Hospitalization. <i>Circulation: Heart Failure</i> , 2015, 8, 473-480.	3.9	55
45	Associations of birth outcomes with maternal polybrominated diphenyl ethers and thyroid hormones during pregnancy. <i>Environment International</i> , 2015, 85, 244-253.	10.0	26
46	Prenatal exposure to cadmium and cotinine and CpG island DNA methylation in mother-infant pairs. <i>Genomics Data</i> , 2015, 5, 378-380.	1.3	5
47	Air Pollution and Pregnancy Outcomes. <i>Molecular and Integrative Toxicology</i> , 2015, , 51-91.	0.5	3
48	Maternal Cadmium Levels during Pregnancy Associated with Lower Birth Weight in Infants in a North Carolina Cohort. <i>PLoS ONE</i> , 2014, 9, e109661.	2.5	99
49	Cadmium exposure and the epigenome: Exposure-associated patterns of DNA methylation in leukocytes from mother-baby pairs. <i>Epigenetics</i> , 2014, 9, 212-221.	2.7	133
50	Geocoding Large Population-level Administrative Datasets at Highly Resolved Spatial Scales. <i>Transactions in GIS</i> , 2014, 18, 586-603.	2.3	25
51	Racial Residential Segregation and Preterm Birth. <i>Epidemiology</i> , 2014, 25, 397-405.	2.7	62
52	Induction or Augmentation of Labor and Autism—Reply. <i>JAMA Pediatrics</i> , 2014, 168, 191.	6.2	2
53	Association of autism with induced or augmented childbirth. <i>American Journal of Obstetrics and Gynecology</i> , 2014, 210, 492-493.	1.3	4
54	Assessing the impact of race, social factors and air pollution on birth outcomes: a population-based study. <i>Environmental Health</i> , 2014, 13, 4.	4.0	121

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55	A spatial bivariate probit model for correlated binary data with application to adverse birth outcomes. <i>Statistical Methods in Medical Research</i> , 2014, 23, 119-133.	1.5	16
56	Improving population representation through geographic health information systems: mapping the MURDOCK study. <i>American Journal of Translational Research (discontinued)</i> , 2014, 6, 402-12.	0.0	6
57	The Urban Built Environment and Associations with Women's Psychosocial Health. <i>Journal of Urban Health</i> , 2013, 90, 857-871.	3.6	37
58	Associations between serum levels of polybrominated diphenyl ether (PBDE) flame retardants and environmental and behavioral factors in pregnant women. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 176-182.	3.9	42
59	Race, socioeconomic status, and air pollution exposure in North Carolina. <i>Environmental Research</i> , 2013, 126, 152-158.	7.5	109
60	Synthesizing categorical datasets to enhance inference. <i>Statistical Methodology</i> , 2013, 15, 25-45.	0.5	1
61	Geographic Health Information Systems: A Platform To Support The "Triple Aim". <i>Health Affairs</i> , 2013, 32, 1608-1615.	5.2	64
62	A comparison of phenotype definitions for diabetes mellitus. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2013, 20, e319-e326.	4.4	96
63	Effects of Maternal Prenatal Smoking and Birth Outcomes Extending into the Normal Range on Academic Performance in Fourth Grade in North Carolina, USA. <i>Paediatric and Perinatal Epidemiology</i> , 2013, 27, 564-574.	1.7	19
64	Proximity to roadways and pregnancy outcomes. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2013, 23, 32-38.	3.9	40
65	The Future of Cardiovascular Clinical Research. <i>JAMA - Journal of the American Medical Association</i> , 2012, 308, 1747.	7.4	24
66	Time-to-Event Analysis of Fine Particle Air Pollution and Preterm Birth: Results From North Carolina, 2001-2005. <i>American Journal of Epidemiology</i> , 2012, 175, 91-98.	3.4	101
67	The Built Environment and Childhood Obesity in Durham, North Carolina. <i>Clinical Pediatrics</i> , 2012, 51, 750-758.	0.8	24
68	Associations between the Quality of the Residential Built Environment and Pregnancy Outcomes among Women in North Carolina. <i>Environmental Health Perspectives</i> , 2012, 120, 471-477.	6.0	58
69	Psychosocial differences between smokers and non-smokers during pregnancy. <i>Addictive Behaviors</i> , 2012, 37, 153-159.	3.0	65
70	Maternal age, birth order, and race: differential effects on birthweight. <i>Journal of Epidemiology and Community Health</i> , 2012, 66, 136-142.	3.7	55
71	A novel tool for assessing and summarizing the built environment. <i>International Journal of Health Geographics</i> , 2012, 11, 46.	2.5	14
72	The effects of exposure to particulate matter and neighbourhood deprivation on gestational hypertension. <i>Paediatric and Perinatal Epidemiology</i> , 2012, 26, 91-100.	1.7	58

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73	The Occurrence of Pesticides and Polycyclic Aromatic Hydrocarbons in Residential Dust in North Carolina. , 2012, 02, .		0
74	The Measurement to Understand Reclassification of Disease of Cabarrus/Kannapolis (MURDOCK) Study Community Registry and Biorepository. American Journal of Translational Research (discontinued), 2012, 4, 458-70.	0.0	17
75	Spatial Modeling for Groundwater Arsenic Levels in North Carolina. Environmental Science & Technology, 2011, 45, 4824-4831.	10.0	42
76	A Geospatial Analysis of the Effects of Aviation Gasoline on Childhood Blood Lead Levels. Environmental Health Perspectives, 2011, 119, 1513-1516.	6.0	70
77	Making the Environmental Justice Grade: The Relative Burden of Air Pollution Exposure in the United States. International Journal of Environmental Research and Public Health, 2011, 8, 1755-1771.	2.6	212
78	Mercury Levels in an Urban Pregnant Population in Durham County, North Carolina. International Journal of Environmental Research and Public Health, 2011, 8, 698-712.	2.6	30
79	The Environmental Justice Dimensions of Climate Change. Environmental Justice, 2011, 4, 17-25.	1.5	25
80	A spatial measure of neighborhood level racial isolation applied to low birthweight, preterm birth, and birthweight in North Carolina. Spatial and Spatio-temporal Epidemiology, 2011, 2, 235-246.	1.7	42
81	A Bayesian growth mixture model to examine maternal hypertension and birth outcomes. Statistics in Medicine, 2011, 30, 2721-2735.	1.6	23
82	Maternal vitamin D receptor genetic variation contributes to infant birthweight among black mothers. American Journal of Medical Genetics, Part A, 2011, 155, 1264-1271.	1.2	41
83	On the use of a PM2.5 exposure simulator to explain birthweight. Environmetrics, 2011, 22, 553-571.	1.4	22
84	Associations between Polybrominated Diphenyl Ether (PBDE) Flame Retardants, Phenolic Metabolites, and Thyroid Hormones during Pregnancy. Environmental Health Perspectives, 2011, 119, 1454-1459.	6.0	190
85	Use of spatial analysis to support environmental health research and practice. North Carolina Medical Journal, 2011, 72, 132-5.	0.2	7
86	Seasonality of poor pregnancy outcomes in North Carolina. North Carolina Medical Journal, 2011, 72, 447-53.	0.2	3
87	Assessing exposure metrics for PM and birth weight models. Journal of Exposure Science and Environmental Epidemiology, 2010, 20, 469-477.	3.9	37
88	Disparities in Maternal Hypertension and Pregnancy Outcomes: Evidence from North Carolina, 1994-2003. Public Health Reports, 2010, 125, 579-587.	2.5	47
89	Blood Lead Levels Among Pregnant Women: Historical Versus Contemporaneous Exposures. International Journal of Environmental Research and Public Health, 2010, 7, 1508-1519.	2.6	27
90	Early childhood lead exposure and exceptionality designations for students. International Journal of Child Health and Human Development: IJCHD, 2010, 3, 77-84.	2.5	7

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91	Environmental Contributions to Disparities in Pregnancy Outcomes. <i>Epidemiologic Reviews</i> , 2009, 31, 67-83.	3.5	93
92	Using decision analysis to improve malaria control policy making. <i>Health Policy</i> , 2009, 92, 133-140.	3.0	21
93	Environmental contributors to the achievement gap. <i>NeuroToxicology</i> , 2009, 30, 1019-1024.	3.0	70
94	Spatial analysis of the etiology of amyotrophic lateral sclerosis among 1991 Gulf War veterans. <i>NeuroToxicology</i> , 2008, 29, 964-970.	3.0	47
95	Environmental Justice Implications of Reduced Reporting Requirements of the Toxics Release Inventory Burden Reduction Rule. <i>Environmental Science & Technology</i> , 2008, 42, 5407-5414.	10.0	12
96	A Framework for Widespread Replication of a Highly Spatially Resolved Childhood Lead Exposure Risk Model. <i>Environmental Health Perspectives</i> , 2008, 116, 1735-1739.	6.0	23
97	The Relationship between Early Childhood Blood Lead Levels and Performance on End-of-Grade Tests. <i>Environmental Health Perspectives</i> , 2007, 115, 1242-1247.	6.0	202
98	Changes in Blood Lead Levels Associated with Use of Chloramines in Water Treatment Systems. <i>Environmental Health Perspectives</i> , 2007, 115, 221-225.	6.0	54
99	The NIEHS Environmental Health Sciences Data Resource Portal: Placing Advanced Technologies in Service to Vulnerable Communities. <i>Environmental Health Perspectives</i> , 2007, 115, 564-571.	6.0	17
100	Approximately optimal spatial design approaches for environmental health data. <i>Environmetrics</i> , 2006, 17, 363-385.	1.4	37
101	Paradise recovered: energy production and waste management in island environments. <i>Energy Policy</i> , 2005, 33, 1691-1702.	8.8	24
102	Using GIS-Based Approaches to Support Research on Neurotoxicants and Other Children's Environmental Health Threats. <i>NeuroToxicology</i> , 2005, 26, 223-228.	3.0	16
103	GIS Modeling of Air Toxics Releases from TRI-Reporting and Non-TRI-Reporting Facilities: Impacts for Environmental Justice. <i>Environmental Health Perspectives</i> , 2004, 112, 1717-1724.	6.0	63
104	Unit-Based Pricing and Undesirable Diversion: Market Prices and Community Characteristics. <i>Society and Natural Resources</i> , 2002, 15, 1-15.	1.9	10
105	A Taxing Environment: Evaluating the Multiple Objectives of Environmental Taxes. <i>Environmental Science & Technology</i> , 2002, 36, 5289-5295.	10.0	10
106	Mapping for prevention: GIS models for directing childhood lead poisoning prevention programs.. <i>Environmental Health Perspectives</i> , 2002, 110, 947-953.	6.0	99
107	Protecting the forest from the trees: the social costs of energy production in Sweden. <i>Energy</i> , 2001, 26, 869-889.	8.8	19
108	Waste not, want not: the private and social costs of waste-to-energy production. <i>Energy Policy</i> , 1997, 25, 587-600.	8.8	58

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109	User Rights and Biodiversity Conservation. , 1997, , .		0
110	Market-Based Incentives and Residential Municipal Solid Waste. Journal of Policy Analysis and Management, 1994, 13, 681.	1.4	101
111	Landowner Incorporation of Onsite Soil Erosion Costs: An Application to the Conservation Reserve Program. American Journal of Agricultural Economics, 1992, 74, 434-443.	4.3	12