

# Mengling Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

106  
papers

1,700  
citations

279798

23  
h-index

377865

34  
g-index

111  
all docs

111  
docs citations

111  
times ranked

2390  
citing authors

#	ARTICLE	IF	CITATIONS
1	Semiparametric Distributed Lag Quantile Regression for Modeling Time-Dependent Exposure Mixtures. <i>Biometrics</i> , 2023, 79, 2619-2632.	1.4	0
2	Association of Convalescent Plasma Treatment With Clinical Status in Patients Hospitalized With COVID-19. <i>JAMA Network Open</i> , 2022, 5, e2147331.	5.9	38
3	In Vivo Sublayer Analysis of Human Retinal Inner Plexiform Layer Obtained by Visible-Light Optical Coherence Tomography. , 2022, 63, 18.		17
4	Development and Validation of a Treatment Benefit Index to Identify Hospitalized Patients With COVID-19 Who May Benefit From Convalescent Plasma. <i>JAMA Network Open</i> , 2022, 5, e2147375.	5.9	30
5	COVID-19 outcomes of patients with gynecologic cancer in New York City: An updated analysis from the initial surge of the pandemic. <i>Gynecologic Oncology</i> , 2022, 164, 304-310.	1.4	8
6	Efficacy and Safety of COVID-19 Convalescent Plasma in Hospitalized Patients. <i>JAMA Internal Medicine</i> , 2022, 182, 115.	5.1	63
7	COPD in Smoking and Non-Smoking Community Members Exposed to the World Trade Center Dust and Fumes. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4249.	2.6	4
8	Determinants of phthalate exposures in pregnant women in New York City. <i>Environmental Research</i> , 2022, 212, 113203.	7.5	5
9	Longitudinal associations of pre-pregnancy BMI and gestational weight gain with maternal urinary metabolites: an NYU CHES study. <i>International Journal of Obesity</i> , 2022, , .	3.4	1
10	3D Microstructure of the Healthy Non-Human Primate Lamina Cribrosa by Optical Coherence Tomography Imaging. <i>Translational Vision Science and Technology</i> , 2022, 11, 15.	2.2	1
11	The Effect of Maternal US Nativity on Racial/Ethnic Differences in Fetal Growth. <i>American Journal of Epidemiology</i> , 2022, 191, 1568-1583.	3.4	1
12	The Role of Optical Coherence Tomography Criteria and Machine Learning in Multiple Sclerosis and Optic Neuritis Diagnosis. <i>Neurology</i> , 2022, 99, .	1.1	21
13	Molecular Clustering Analysis of Blood Biomarkers in World Trade Center Exposed Community Members with Persistent Lower Respiratory Symptoms. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8102.	2.6	3
14	Variability and correlations of synthetic chemicals in urine from a New York City-based cohort of pregnant women. <i>Environmental Pollution</i> , 2022, 309, 119774.	7.5	7
15	Empirical evaluation of sub-cohort sampling designs for risk prediction modeling. <i>Journal of Applied Statistics</i> , 2021, 48, 1374-1401.	1.3	4
16	Dietary phenotype and advanced glycation end-products predict WTC-obstructive airways disease: a longitudinal observational study. <i>Respiratory Research</i> , 2021, 22, 19.	3.6	4
17	Prenatal Exposure to Bisphenols and Phthalates and Postpartum Depression: The Role of Neurosteroid Hormone Disruption. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1887-1899.	3.6	13
18	Disease Progression in Children With Perinatal Human Immunodeficiency Virus Correlates With Increased PD-1+ CD8 T Cells That Coexpress Multiple Immune Checkpoints. <i>Journal of Infectious Diseases</i> , 2021, , .	4.0	2

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19	Uptake and timing of risk-reducing salpingo-oophorectomy among patients with BRCA1 and BRCA2 mutations. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 225, 508.e1-508.e10.	1.3	14
20	Breast Cancer Risk Factors and Circulating Anti-Müllerian Hormone Concentration in Healthy Premenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e4542-e4553.	3.6	2
21	Prospective individual patient data meta-analysis: Evaluating convalescent plasma for COVID-19. <i>Statistics in Medicine</i> , 2021, 40, 5131-5151.	1.6	14
22	PEDF, a pleiotropic WTC-LI biomarker: Machine learning biomarker identification and validation. <i>PLoS Computational Biology</i> , 2021, 17, e1009144.	3.2	7
23	Neighborhood Walkability and Mortality in a Prospective Cohort of Women. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
24	Exposure to ambient air pollution and fetal cerebellar transverse diameter: a longitudinal study. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
25	Neighborhood Walkability and Mortality in a Prospective Cohort of Women. <i>Epidemiology</i> , 2021, 32, 763-772.	2.7	7
26	Real-time characterization of personalized air pollution exposure in pregnant women participating in a birth cohort study. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
27	Organophosphate pesticide exposure: Demographic and dietary predictors in an urban pregnancy cohort. <i>Environmental Pollution</i> , 2021, 283, 116920.	7.5	14
28	Partially linear single-index generalized mean residual life models. <i>Statistics in Medicine</i> , 2021, 40, 6707-6722.	1.6	3
29	Factors Associated With Changes in Pregnancy Intention Among Women Who Were Mothers of Young Children in New York City Following the COVID-19 Outbreak. <i>JAMA Network Open</i> , 2021, 4, e2124273.	5.9	37
30	Organophosphate pesticides and progression of chronic kidney disease among children: A prospective cohort study. <i>Environment International</i> , 2021, 155, 106597.	10.0	26
31	Long-term outcomes in patients presenting with optic neuritis: Analyses of the MSBase registry. <i>Journal of the Neurological Sciences</i> , 2021, 430, 118067.	0.6	9
32	Serially assessed bisphenol A and phthalate exposure and association with kidney function in children with chronic kidney disease in the US and Canada: A longitudinal cohort study. <i>PLoS Medicine</i> , 2020, 17, e1003384.	8.4	39
33	Food Intake REstriction for Health OUtcome Support and Education (FIREHOUSE) Protocol: A Randomized Clinical Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6569.	2.6	4
34	Characterization of Persistent Uncontrolled Asthma Symptoms in Community Members Exposed to World Trade Center Dust and Fumes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6645.	2.6	7
35	A family of partial-linear single-index models for analyzing complex environmental exposures with continuous, categorical, time-to-event, and longitudinal health outcomes. <i>Environmental Health</i> , 2020, 19, 96.	4.0	6
36	Epidemiologic Methods to Estimate Insufficient Sleep in the US Population. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9337.	2.6	9

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37	4088 Longitudinal Assessment of Metabolic Syndrome as a Modifiable Risk factor of World Trade Center Particulate Matter Exposure Associated Lung Disease. <i>Journal of Clinical and Translational Science</i> , 2020, 4, 49-50.	0.6	1
38	Multiomics of World Trade Center Particulate Matter-induced Persistent Airway Hyperreactivity. Role of Receptor for Advanced Glycation End Products. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 219-233.	2.9	9
39	Persistent organic pollutant exposure and celiac disease: A pilot study. <i>Environmental Research</i> , 2020, 186, 109439.	7.5	11
40	Generalized mean residual life models for case-cohort and nested case-control studies. <i>Lifetime Data Analysis</i> , 2020, 26, 789-819.	0.9	4
41	Synergistic Effect of WTC-Particulate Matter and Lysophosphatidic Acid Exposure and the Role of RAGE: In-Vitro and Translational Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4318.	2.6	5
42	Gene-Environment Interaction between the IL1RN Variants and Childhood Environmental Tobacco Smoke Exposure in Asthma Risk. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2036.	2.6	9
43	The NYU Children's Health and Environment Study. <i>European Journal of Epidemiology</i> , 2020, 35, 305-320.	5.7	22
44	Oxidant stress and renal function among children with chronic kidney disease: a repeated measures study. <i>Scientific Reports</i> , 2020, 10, 3129.	3.3	8
45	World Trade Center-Cardiorespiratory and Vascular Dysfunction: Assessing the Phenotype and Metabolome of a Murine Particulate Matter Exposure Model. <i>Scientific Reports</i> , 2020, 10, 3130.	3.3	7
46	Center Volume and Kidney Transplant Outcomes in Pediatric Patients. <i>Kidney Medicine</i> , 2020, 2, 297-306.	2.0	3
47	Title is missing!. , 2020, 17, e1003384.		0
48	Title is missing!. , 2020, 17, e1003384.		0
49	Title is missing!. , 2020, 17, e1003384.		0
50	Title is missing!. , 2020, 17, e1003384.		0
51	Title is missing!. , 2020, 17, e1003384.		0
52	Prior antibiotic exposure and risk of type 2 diabetes among Veterans. <i>Primary Care Diabetes</i> , 2019, 13, 49-56.	1.8	11
53	Evaluating Glaucoma Treatment Effect on Intraocular Pressure Reduction Using Propensity Score Weighted Regression. <i>Scientific Reports</i> , 2019, 9, 15496.	3.3	3
54	Quantitative lung morphology: A semi-automated measurement of mean linear intercept. <i>BMC Pulmonary Medicine</i> , 2019, 19, 206.	2.0	64

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55	Assessing the Protective Metabolome Using Machine Learning in World Trade Center Particulate Exposed Firefighters at Risk for Lung Injury. <i>Scientific Reports</i> , 2019, 9, 11939.	3.3	11
56	Metabolic Syndrome Biomarkers of World Trade Center Airway Hyperreactivity: A 16-Year Prospective Cohort Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1486.	2.6	17
57	Longitudinal Change of PTSD Symptoms in Community Members after the World Trade Center Destruction. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1215.	2.6	12
58	Breast cancer risk prediction in women aged 35â€“50â€‰years: impact of including sex hormone concentrations in the Gail model. <i>Breast Cancer Research</i> , 2019, 21, 42.	5.0	30
59	Bronchodilator Response Predicts Longitudinal Improvement in Small Airway Function in World Trade Center Dust Exposed Community Members. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1421.	2.6	6
60	Optimal intereye difference thresholds by optical coherence tomography in multiple sclerosis: An international study. <i>Annals of Neurology</i> , 2019, 85, 618-629.	5.3	104
61	Validation of Predictive Metabolic Syndrome Biomarkers of World Trade Center Lung Injury. <i>Chest</i> , 2019, 156, 486-496.	0.8	18
62	Variability of blood eosinophils in patients in a clinic for severe asthma. <i>Clinical and Experimental Allergy</i> , 2019, 49, 163-170.	2.9	28
63	Predictive Biomarkers of Gastroesophageal Reflux Disease and Barrettâ€™s Esophagus in World Trade Center Exposed Firefighters: a 15 Year Longitudinal Study. <i>Scientific Reports</i> , 2018, 8, 3106.	3.3	21
64	Circulating antiâ€‰Mâ€™llerian hormone and breast cancer risk: A study in ten prospective cohorts. <i>International Journal of Cancer</i> , 2018, 142, 2215-2226.	5.1	32
65	Clinical Prediction Performance of Glaucoma Progression Using a 2-Dimensional Continuous-Time Hidden Markov Model with Structural and Functional Measurements. <i>Ophthalmology</i> , 2018, 125, 1354-1361.	5.2	13
66	Metabolomics of World Trade Center-Lung Injury: a machine learning approach. <i>BMJ Open Respiratory Research</i> , 2018, 5, e000274.	3.0	20
67	HbA1c, lipid profiles and risk of incident type 2 Diabetes in United States Veterans. <i>PLoS ONE</i> , 2018, 13, e0203484.	2.5	19
68	Can Macula and Optic Nerve Head Parameters Detect Glaucoma Progression in Eyes with Advanced Circumpapillary Retinal Nerve Fiber Layer Damage?. <i>Ophthalmology</i> , 2018, 125, 1907-1912.	5.2	52
69	Elevated C-reactive protein and posttraumatic stress pathology among survivors of the 9/11 World Trade Center attacks. <i>Journal of Psychiatric Research</i> , 2017, 89, 14-21.	3.1	56
70	Efficient Estimation for Accelerated Failure Time Model under Case-Cohort and Nested Case-Control Sampling. <i>Biometrics</i> , 2017, 73, 114-123.	1.4	3
71	Effects of Chest Physical Therapy in Patients with Non-Tuberculous Mycobacteria. <i>International Journal of Respiratory and Pulmonary Medicine</i> , 2017, 4, .	0.1	14
72	Receptor for advanced glycation end-products and World Trade Center particulate induced lung function loss: A case-cohort study and murine model of acute particulate exposure. <i>PLoS ONE</i> , 2017, 12, e0184331.	2.5	27

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73	2372. Journal of Clinical and Translational Science, 2017, 1, 63-64.	0.6	0
74	Design and analysis of clinical trials in the presence of delayed treatment effect. Statistics in Medicine, 2016, 35, 1774-1779.	1.6	6
75	Quantile Regression in the Secondary Analysis of Caseâ€“Control Data. Journal of the American Statistical Association, 2016, 111, 344-354.	3.1	9
76	Improvement in severe lower respiratory symptoms and small airway function in World Trade Center dust exposed community members. American Journal of Industrial Medicine, 2016, 59, 777-787.	2.1	9
77	The King-Devick test of rapid number naming for concussion detection: meta-analysis and systematic review of the literature. Concussion, 2016, 1, CNC8.	1.0	118
78	A General and Robust Framework for Secondary Traits Analysis. Genetics, 2016, 202, 1329-1343.	2.9	17
79	HIV-Infected Children Have Lower Frequencies of CD8+ Mucosal-Associated Invariant T (MAIT) Cells that Correlate with Innate, Th17 and Th22 Cell Subsets. PLoS ONE, 2016, 11, e0161786.	2.5	29
80	Oscillometry complements spirometry in evaluation of subjects following toxic inhalation. ERJ Open Research, 2015, 1, 00043-2015.	2.6	21
81	Identification of Homogeneous and Heterogeneous Variables in Pooled Cohort Studies. Biometrics, 2015, 71, 397-403.	1.4	11
82	Genetic Polymorphisms in Vitamin D Metabolism and Signaling Genes and Risk of Breast Cancer: A Nested Case-Control Study. PLoS ONE, 2015, 10, e0140478.	2.5	31
83	Systemic Inflammation Associated With World Trade Center Dust Exposures and Airway Abnormalities in the Local Community. Journal of Occupational and Environmental Medicine, 2015, 57, 610-616.	1.7	28
84	Geneâ€“arsenic interaction in longitudinal changes of blood pressure: Findings from the Health Effects of Arsenic Longitudinal Study (HEALS) in Bangladesh. Toxicology and Applied Pharmacology, 2015, 288, 95-105.	2.8	19
85	Coexpression of type 2 immune targets in sputum-derived epithelial and dendritic cells from asthmatic subjects. Journal of Allergy and Clinical Immunology, 2015, 136, 619-627.e5.	2.9	28
86	Interaction between arsenic exposure from drinking water and genetic susceptibility in carotid intimaâ€“media thickness in Bangladesh. Toxicology and Applied Pharmacology, 2014, 276, 195-203.	2.8	27
87	Partially linear single index Cox regression model in nested case-control studies. Computational Statistics and Data Analysis, 2013, 67, 199-212.	1.2	7
88	Estimation and selection of complex covariate effects in pooled nested case-control studies with heterogeneity. Biostatistics, 2013, 14, 682-694.	1.5	7
89	A Semiparametric Marginalized Model for Longitudinal Data with Informative Dropout. Journal of Probability and Statistics, 2012, 2012, 1-15.	0.7	0
90	Sample Size Calculation for Controlling False Discovery Proportion. Journal of Probability and Statistics, 2012, 2012, 1-13.	0.7	23

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91	Longitudinal Spirometry Among Patients in a Treatment Program for Community Members With World Trade Center-Related Illness. <i>Journal of Occupational and Environmental Medicine</i> , 2012, 54, 1208-1213.	1.7	18
92	On estimation of linear transformation models with nested case-control sampling. <i>Lifetime Data Analysis</i> , 2012, 18, 80-93.	0.9	8
93	Application of the Asthma Phenotype Algorithm from the Severe Asthma Research Program to an Urban Population. <i>PLoS ONE</i> , 2012, 7, e44540.	2.5	26
94	A Tight Prediction Interval for False Discovery Proportion under Dependence. <i>Open Journal of Statistics</i> , 2012, 02, 163-171.	0.7	1
95	Combination of the PAM4 and CA19-9 biomarkers to improve the detection of pancreatic adenocarcinoma.. <i>Journal of Clinical Oncology</i> , 2012, 30, 164-164.	1.6	0
96	Detection of early-stage pancreatic ductal adenocarcinoma (PDAC): Sensitivity, specificity, and discriminatory properties of the serum-based PAM4-immunoassay.. <i>Journal of Clinical Oncology</i> , 2012, 30, 151-151.	1.6	0
97	Genetic Variants of TSLP and Asthma in an Admixed Urban Population. <i>PLoS ONE</i> , 2011, 6, e25099.	2.5	39
98	Cox Regression in Nested Case-control Studies with Auxiliary Covariates. <i>Biometrics</i> , 2010, 66, 374-381.	1.4	9
99	Foregut microbiome in development of esophageal adenocarcinoma. <i>Nature Precedings</i> , 2010, , .	0.1	1
100	Cox regression model with time-varying coefficients in nested case-control studies. <i>Biostatistics</i> , 2010, 11, 693-706.	1.5	15
101	Characteristics of a Residential and Working Community With Diverse Exposure to World Trade Center Dust, Gas, and Fumes. <i>Journal of Occupational and Environmental Medicine</i> , 2009, 51, 534-541.	1.7	64
102	A Monte Carlo approach for change-point detection in the Cox proportional hazards model. <i>Statistics in Medicine</i> , 2008, 27, 3894-3909.	1.6	30
103	Joint Analysis of Longitudinal Data with Informative Right Censoring. <i>Biometrics</i> , 2007, 63, 363-371.	1.4	17
104	Interval Mapping of Quantitative Trait Loci for Time-to-Event Data with the Proportional Hazards Mixture Cure Model. <i>Biometrics</i> , 2006, 62, 1053-1061.	1.4	13
105	Random urinary bile acids as a diagnostic method for intrahepatic cholestasis of pregnancy (ICP). <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, S121.	1.3	1
106	Mixture cure model with an application to interval mapping of quantitative trait loci. <i>Lifetime Data Analysis</i> , 2006, 12, 421-440.	0.9	7