

Mingyu Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

700
citations

759190

12
h-index

610883

24
g-index

32
all docs

32
docs citations

32
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021, 27, 1885-1892.	30.7	170
2	Metformin Affects Gut Microbiome Composition and Function and Circulating Short-Chain Fatty Acids: A Randomized Trial. <i>Diabetes Care</i> , 2021, 44, 1462-1471.	8.6	77
3	Maternal Exposure to Ambient Particulate Matter $\approx 2.5 \mu\text{m}$ During Pregnancy and the Risk for High Blood Pressure in Childhood. <i>Hypertension</i> , 2018, 72, 194-201.	2.7	64
4	Trace Minerals, Heavy Metals, and Preeclampsia: Findings from the Boston Birth Cohort. <i>Journal of the American Heart Association</i> , 2019, 8, e012436.	3.7	49
5	Effects of high-fiber diets enriched with carbohydrate, protein, or unsaturated fat on circulating short chain fatty acids: results from the OmniHeart randomized trial. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 545-554.	4.7	49
6	Association of prenatal antibiotics with measures of infant adiposity and the gut microbiome. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2019, 18, 18.	3.8	47
7	Opportunities for evaluating chemical exposures and child health in the United States: the Environmental influences on Child Health Outcomes (ECHO) Program. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 397-419.	3.9	44
8	Does cesarean delivery impact infant weight gain and adiposity over the first year of life?. <i>International Journal of Obesity</i> , 2019, 43, 1549-1555.	3.4	37
9	<i>In Utero</i> Exposure to Heavy Metals and Trace Elements and Childhood Blood Pressure in a U.S. Urban, Low-Income, Minority Birth Cohort. <i>Environmental Health Perspectives</i> , 2021, 129, 67005.	6.0	26
10	Mediterranean-style Diet and Risk of Preeclampsia by Race in the Boston Birth Cohort. <i>Journal of the American Heart Association</i> , 2022, 11, e022589.	3.7	23
11	Exposure to heavy metals and trace minerals in first trimester and maternal blood pressure change over gestation. <i>Environment International</i> , 2021, 153, 106508.	10.0	20
12	Associations of Cord Blood Vitamin D and Preeclampsia With Offspring Blood Pressure in Childhood and Adolescence. <i>JAMA Network Open</i> , 2020, 3, e2019046.	5.9	13
13	Evaluation of antiviral efficacy of Chinese traditional medicine Babao Dan in rabbits infected with hepatitis E virus. <i>Journal of General Virology</i> , 2018, 99, 1036-1043.	2.9	12
14	Maternal tobacco smoking and offspring autism spectrum disorder or traits in <i>ECHO</i> cohorts. <i>Autism Research</i> , 2022, 15, 551-569.	3.8	10
15	Recommendations to the Society for Epidemiologic Research for Further Promoting Diversity and Inclusion at the Annual Meeting and Beyond. <i>American Journal of Epidemiology</i> , 2020, 189, 1037-1041.	3.4	9
16	Maternal antibiotic use and child asthma: is the association causal?. <i>European Respiratory Journal</i> , 2018, 52, 1801007.	6.7	7
17	Mode of delivery, type of labor, and measures of adiposity from childhood to teenage: Project Viva. <i>International Journal of Obesity</i> , 2021, 45, 36-44.	3.4	7
18	Regional and sociodemographic differences in average BMI among US children in the ECHO program. <i>Obesity</i> , 2021, 29, 2089-2099.	3.0	6

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19	Effects of High-Fiber Diets and Macronutrient Substitution on Bloating: Findings From the OmniHeart Trial. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00122.	2.5	5
20	Trimethylamine N-Oxide and Its Precursors Are Associated with Gestational Diabetes Mellitus and Pre-Eclampsia in the Boston Birth Cohort. <i>Current Developments in Nutrition</i> , 2022, 6, nza108.	0.3	5
21	A metabolome-wide association study of in utero metal and trace element exposures with cord blood metabolome profile: Findings from the Boston Birth Cohort. <i>Environment International</i> , 2022, 158, 106976.	10.0	4
22	Diet and long-term weight loss: what can we learn from our gut microbes?. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 1121-1123.	4.7	3
23	American Heart Association EPI Lifestyle Scientific Sessions: 2021 Meeting Highlights. <i>Journal of the American Heart Association</i> , 2022, 11, e024765.	3.7	2
24	Early-life determinants of childhood plasma insulin levels: implications for primordial prevention of diabetes. <i>Pediatric Research</i> , 2022, , .	2.3	2
25	Meta-analysis under imbalance in measurement of confounders in cohort studies using only summary-level data. <i>BMC Medical Research Methodology</i> , 2022, 22, 143.	3.1	2
26	Abstract MP64: Higher Visit-to-Visit Blood Pressure Variability In Early And Middle Childhood Is Associated With Higher Blood Pressure In Adolescence. <i>Circulation</i> , 2021, 143, .	1.6	1
27	Abstract 077: <i>In Utero</i> Exposure To Metal Mixtures And Offspring Blood Pressure: An Analysis Of The Boston Birth Cohort Using Bayesian Kernel Machine Regression. <i>Circulation</i> , 2021, 143, .	1.6	1
28	Abstract MP47: Maternal Trimethylamine-n-oxide Is Associated With Risk Of Gestational Diabetes Mellitus In A Low-income, Urban, Multi-ethnic Population. <i>Circulation</i> , 2021, 143, .	1.6	1
29	Association of Placental Pathology With Childhood Blood Pressure Among Children Born Preterm. <i>American Journal of Hypertension</i> , 2021, , .	2.0	0