

Noel T Mueller

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76
papers

2,351
citations

21
h-index

47
g-index

90
ext. papers

3,265
ext. citations

7
avg, IF

5.48
L-index

#	Paper	IF	Citations
76	The infant microbiome development: mom matters. <i>Trends in Molecular Medicine</i> , 2015 , 21, 109-17	11.5	515
75	Metformin Is Associated With Higher Relative Abundance of Mucin-Degrading Akkermansia muciniphila and Several Short-Chain Fatty Acid-Producing Microbiota in the Gut. <i>Diabetes Care</i> , 2017 , 40, 54-62	14.6	325
74	Higher Fecal Short-Chain Fatty Acid Levels Are Associated with Gut Microbiome Dysbiosis, Obesity, Hypertension and Cardiometabolic Disease Risk Factors. <i>Nutrients</i> , 2018 , 11,	6.7	166
73	Age- and Sex-Dependent Patterns of Gut Microbial Diversity in Human Adults. <i>MSystems</i> , 2019 , 4,	7.6	110
72	Birth mode-dependent association between pre-pregnancy maternal weight status and the neonatal intestinal microbiome. <i>Scientific Reports</i> , 2016 , 6, 23133	4.9	87
71	Association of Early Introduction to Solid Foods with Infant Gut Microbiota Abundance, Overweight/obesity, and Short Chain Fatty Acids at Ages 3 and 12 Months (OR01-06-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
70	Gut Microbiota Are Predictive of Coach-Directed Behavioral Weight Loss Success over 6 Months in Randomized Trial. <i>Current Developments in Nutrition</i> , 2020 , 4, 1556-1556	0.4	78
69	Soy intake and risk of type 2 diabetes in Chinese Singaporeans [corrected]. <i>European Journal of Nutrition</i> , 2012 , 51, 1033-40	5.2	76
68	Bisphenol A and Adiposity in an Inner-City Birth Cohort. <i>Environmental Health Perspectives</i> , 2016 , 124, 1644-1650	8.4	62
67	Earlier age at menarche is associated with higher diabetes risk and cardiometabolic disease risk factors in Brazilian adults: Brazilian Longitudinal Study of Adult Health (ELSA-Brasil). <i>Cardiovascular Diabetology</i> , 2014 , 13, 22	8.7	55
66	Age at Menarche and Cardiometabolic Risk in Adulthood: The Coronary Artery Risk Development in Young Adults Study. <i>Journal of Pediatrics</i> , 2015 , 167, 344-52.e1	3.6	50
65	Age at menarche and cardiovascular disease mortality in Singaporean Chinese women: the Singapore Chinese Health Study. <i>Annals of Epidemiology</i> , 2012 , 22, 717-22	6.4	45
64	Maternal Exposure to Ambient Particulate Matter $\geq 2.5 \mu\text{m}$ During Pregnancy and the Risk for High Blood Pressure in Childhood. <i>Hypertension</i> , 2018 , 72, 194-201	8.5	38
63	Delivery Mode and the Transition of Pioneering Gut-Microbiota Structure, Composition and Predicted Metabolic Function. <i>Genes</i> , 2017 , 8,	4.2	36
62	Consumption of caffeinated and artificially sweetened soft drinks is associated with risk of early menarche. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 648-54	7	35
61	Timing of complementary feeding is associated with gut microbiota diversity and composition and short chain fatty acid concentrations over the first year of life. <i>BMC Microbiology</i> , 2020 , 20, 56	4.5	32
60	Earlier menarche is associated with fatty liver and abdominal ectopic fat in midlife, independent of young adult BMI: The CARDIA study. <i>Obesity</i> , 2015 , 23, 468-74	8	29

59	Association of prenatal antibiotics with measures of infant adiposity and the gut microbiome. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2019 , 18, 18	6.2	26
58	Associations Between Governor Political Affiliation and COVID-19 Cases, Deaths, and Testing in the U.S. <i>American Journal of Preventive Medicine</i> , 2021 , 61, 115-119	6.1	26
57	Coffee Consumption, Newly Diagnosed Diabetes, and Other Alterations in Glucose Homeostasis: A Cross-Sectional Analysis of the Longitudinal Study of Adult Health (ELSA-Brasil). <i>PLoS ONE</i> , 2015 , 10, e0126469	3.7	25
56	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	5.5	22
55	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	7	21
54	Charting the Maternal and Infant Microbiome: What Is the Role of Diabetes and Obesity in Pregnancy?. <i>Current Diabetes Reports</i> , 2017 , 17, 11	5.6	20
53	Asthma and the risk of type 2 diabetes in the Singapore Chinese Health Study. <i>Diabetes Research and Clinical Practice</i> , 2013 , 99, 192-9	7.4	19
52	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021 , 27, 1885-1892	50.5	19
51	Understanding childhood obesity in the US: the NIH environmental influences on child health outcomes (ECHO) program. <i>International Journal of Obesity</i> , 2020 , 44, 617-627	5.5	19
50	Does birth mode modify associations of maternal pre-pregnancy BMI and gestational weight gain with the infant gut microbiome?. <i>International Journal of Obesity</i> , 2020 , 44, 23-32	5.5	19
49	Association of Age With Blood Pressure Across the Lifespan in Isolated Yanomami and Yekwana Villages. <i>JAMA Cardiology</i> , 2018 , 3, 1247-1249	16.2	18
48	Spatial and temporal trends in social vulnerability and COVID-19 incidence and death rates in the United States. <i>PLoS ONE</i> , 2021 , 16, e0248702	3.7	17
47	Gestational weight gain and obesity, adiposity and body size in African-American and Dominican children in the Bronx and Northern Manhattan. <i>Maternal and Child Nutrition</i> , 2016 , 12, 918-28	3.4	16
46	Adiposity indices in the prediction of insulin resistance in prepubertal Colombian children. <i>Public Health Nutrition</i> , 2013 , 16, 248-55	3.3	15
45	Association of Maternal Plasma Folate and Cardiometabolic Risk Factors in Pregnancy with Elevated Blood Pressure of Offspring in Childhood. <i>American Journal of Hypertension</i> , 2017 , 30, 532-540 ^{2,3}	2.3	14
44	Probiotics Contribute to Glycemic Control in Patients with Type 2 Diabetes Mellitus: A Systematic Review and Meta-Analysis. <i>Advances in Nutrition</i> , 2021 , 12, 722-734	10	13
43	Socioeconomic status is positively associated with measures of adiposity and insulin resistance, but inversely associated with dyslipidaemia in Colombian children. <i>Journal of Epidemiology and Community Health</i> , 2015 , 69, 580-7	5.1	12
42	Maternal Biomarkers of Acetaminophen Use and Offspring Attention Deficit Hyperactivity Disorder. <i>Brain Sciences</i> , 2018 , 8,	3.4	11

41	The weight of work: the association between maternal employment and overweight in low- and middle-income countries. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 66	8.4	10
40	Sex Hormone Relations to Histologic Severity of Pediatric Nonalcoholic Fatty Liver Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	10
39	Leg length and type 2 diabetes: what's the link?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015 , 18, 452-6	3.8	9
38	Interaction between Maternal Immune Activation and Antibiotic Use during Pregnancy and Child Risk of Autism Spectrum Disorder. <i>Autism Research</i> , 2020 , 13, 2230-2241	5.1	9
37	Sex-specific associations of low birth weight with adult-onset diabetes and measures of glucose homeostasis: Brazilian Longitudinal Study of Adult Health. <i>Scientific Reports</i> , 2016 , 6, 37032	4.9	9
36	Prenatal and Peripartum Exposure to Antibiotics and Cesarean Section Delivery Are Associated with Differences in Diversity and Composition of the Infant Meconium Microbiome. <i>Microorganisms</i> , 2020 , 8,	4.9	8
35	Potential interaction between timing of infant complementary feeding and breastfeeding duration in determination of early childhood gut microbiota composition and BMI. <i>Pediatric Obesity</i> , 2020 , 15, e12642	4.6	8
34	Maternal employment and childhood overweight in low- and middle-income countries. <i>Public Health Nutrition</i> , 2017 , 20, 2523-2536	3.3	8
33	Exposure to heavy metals and trace minerals in first trimester and maternal blood pressure change over gestation. <i>Environment International</i> , 2021 , 153, 106508	12.9	8
32	Probiotics for glycemic control in patients with type 2 diabetes mellitus: protocol for a systematic review. <i>Systematic Reviews</i> , 2019 , 8, 227	3	7
31	The emergence of microbiome centres. <i>Nature Microbiology</i> , 2020 , 5, 2-3	26.6	7
30	Prospective Association Between Manganese in Early Pregnancy and the Risk of Preeclampsia. <i>Epidemiology</i> , 2020 , 31, 677-680	3.1	7
29	Metformin Affects Gut Microbiome Composition and Function and Circulating Short-Chain Fatty Acids: A Randomized Trial. <i>Diabetes Care</i> , 2021 , 44, 1462-1471	14.6	7
28	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	8.4	7
27	Associations of Cord Blood Vitamin D and Preeclampsia With Offspring Blood Pressure in Childhood and Adolescence. <i>JAMA Network Open</i> , 2020 , 3, e2019046	10.4	6
26	Effects of sodium intake on postural lightheadedness: Results from the DASH-sodium trial. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 355-362	2.3	5
25	Gestational Weight Gain and Pregnancy Complications in a High-Risk, Racially and Ethnically Diverse Population. <i>Journal of Womens Health</i> , 2019 , 28, 375-383	3	5
24	Wrist breadth and homeostasis model assessment of insulin resistance in youth: the Fels Longitudinal Study. <i>American Journal of Human Biology</i> , 2013 , 25, 581-5	2.7	5

23	Relative leg length is associated with type 2 diabetes differently according to pubertal timing: the Brazilian longitudinal study of adult health. <i>American Journal of Human Biology</i> , 2015 , 27, 219-25	2.7	5
22	Effects of the DASH Diet and Sodium Intake on Bloating: Results From the DASH-Sodium Trial. <i>American Journal of Gastroenterology</i> , 2019 , 114, 1109-1115	0.7	5
21	Spatial and temporal trends in social vulnerability and COVID-19 incidence and death rates in the United States 2020 ,		4
20	Associations between governor political affiliation and COVID-19 cases, deaths, and testing in the United States 2021 ,		4
19	Human Milk Bacteria: Seeding the Infant Gut?. <i>Cell Host and Microbe</i> , 2020 , 28, 151-153	23.4	4
18	Effects of Behavioral Weight Loss and Metformin on IGFs in Cancer Survivors: A Randomized Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e4179-e4191	5.6	3
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	5.5	3
16	The Joint Association of Small for Gestational Age and Nighttime Sleep with Blood Pressure in Childhood. <i>Scientific Reports</i> , 2018 , 8, 9632	4.9	3
15	Effects of High-Fiber Diets and Macronutrient Substitution on Bloating: Findings From the OmniHeart Trial. <i>Clinical and Translational Gastroenterology</i> , 2020 , 11, e00122	4.2	2
14	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	7	2
13	Infants from Food Insecure Households Have Altered Gut Microbiota (OR01-03-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	2
12	Disparities in Risks of Inadequate and Excessive Intake of Micronutrients during Pregnancy. <i>Journal of Nutrition</i> , 2021 , 151, 3555-3569	4.1	2
11	Absence of the Association of Blood Pressure With Age in a Remote Venezuelan Population Renews the Call for Population-Wide Interventions-Reply. <i>JAMA Cardiology</i> , 2019 , 4, 497	16.2	1
10	Navigating the Nutrition Transition: What Is It? How Can Whole Grains Play a Helpful Role? 2013 , 2012, 38-40		1
9	Identifying Mediators Underlying the Intergenerational Cycle of Obesity: A Causal Mediation Analysis. <i>Current Developments in Nutrition</i> , 2020 , 4, 1655-1655	0.4	1
8	Gut Microbiome Composition Is Associated with Blood Pressure in Mother-Child Pairs 5 Years After Birth. <i>Current Developments in Nutrition</i> , 2020 , 4, 1555-1555	0.4	1
7	Higher Diet Quality in African-American Adolescents Is Associated with Lower Odds of Metabolic Syndrome: Evidence from the NHANES. <i>Journal of Nutrition</i> , 2021 , 151, 1609-1617	4.1	1
6	Microbial Sharing between Pediatric Patients and Therapy Dogs during Hospital Animal-Assisted Intervention Programs. <i>Microorganisms</i> , 2021 , 9,	4.9	1

5	Regional and sociodemographic differences in average BMI among US children in the ECHO program. <i>Obesity</i> , 2021 , 29, 2089-2099	8	1
4	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	12.9	0
3	The Role of Childhood Asthma in Obesity Development: A Nationwide US Multicohort Study. <i>Epidemiology</i> , 2022 , 33, 131-140	3.1	0
2	Reply to RE Kleinman. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1618-9	7	
1	Are household disinfectants microbially mediated obesogens?. <i>Cmaj</i> , 2018 , 190, E1095-E1096	3.5	