

# Kristine G Koski

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

1,175  
citations

430843

18  
h-index

414395

32  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1242  
citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration gardens improve agricultural production, food security and preschool child diets in subsistence farming communities in Panama. <i>Public Health Nutrition</i> , 2021, 24, 1104-1116.	2.2	1
2	Distinct Changes Occur in the Human Breast Milk Microbiome Between Early and Established Lactation in Breastfeeding Guatemalan Mothers. <i>Frontiers in Microbiology</i> , 2021, 12, 557180.	3.5	26
3	INTERGROWTH-21 Identifies High Prevalence of Low Symphysisâ€“Fundal Height in Indigenous Pregnant Women Experiencing Multiple Infections, Nutrient Deficiencies, and Inflammation: The Maternal Infections, Nutrient Deficiencies, and Inflammation (MINDI) Cohort. <i>Current Developments in Nutrition</i> , 2021, 5, nzab012.	0.3	6
4	Human Milk Microbiota in an Indigenous Population Is Associated with Maternal Factors, Stage of Lactation, and Breastfeeding Practices. <i>Current Developments in Nutrition</i> , 2021, 5, nzab013.	0.3	5
5	Maternal and cord blood parameters are associated with placental and newborn outcomes in indigenous mothers: A case study in the MINDI cohort. <i>Colombia Medica</i> , 2021, 52, e2054600.	0.2	0
6	Infant Anthropometry and Growth Velocity Before 6 Months are Associated with Breastfeeding Practices and the Presence of Subclinical Mastitis and Maternal Intestinal Protozoa in Indigenous Communities in Guatemala. <i>Current Developments in Nutrition</i> , 2021, 5, nzab086.	0.3	2
7	A gastrointestinal nematode in pregnant and lactating mice alters maternal and neonatal microbiomes. <i>International Journal for Parasitology</i> , 2021, 51, 945-957.	3.1	2
8	Emerging frontiers in human milk microbiome research and suggested primers for 16S rRNA gene analysis. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 121-133.	4.1	16
9	Soil-Transmitted Helminths: Does Nutrition Make a Difference?., 2021, , 325-364.		3
10	Maternal nematode infection upregulates expression of Th2/Treg and diapodesis related genes in the neonatal brain. <i>Scientific Reports</i> , 2021, 11, 22082.	3.3	2
11	Editorial: Maternal-Perinatal Risk and Children-Adolescent Health. <i>Frontiers in Public Health</i> , 2021, 9, 744448.	2.7	0
12	A Multi-Sectoral Approach Improves Early Child Development in a Disadvantaged Community in Peru: Role of Community Gardens, Nutrition Workshops and Enhanced Caregiver-Child Interaction: Project â€œWawa Illariâ€œ. <i>Frontiers in Public Health</i> , 2020, 8, 567900.	2.7	5
13	Associations of History of Displacement, Food Insecurity, and Stress With Maternal-Fetal Health in a Conflict Zone: A Case Study. <i>Frontiers in Public Health</i> , 2020, 8, 319.	2.7	2
14	Identification of High-Risk Pregnancies in a Remote Setting Using Ambulatory Blood Pressure: The MINDI Cohort. <i>Frontiers in Public Health</i> , 2020, 8, 86.	2.7	10
15	Household food insecurity in Panamanian subsistence farming communities is associated with indicators of household wealth and constraints on food production. <i>Public Health Nutrition</i> , 2019, 22, 2398-2407.	2.2	3
16	Anthropometry before Day 46 and Growth Velocity before 6 Months of Guatemalan Breastfed Infants Are Associated with Subclinical Mastitis and Milk Cytokines, Minerals, and Trace Elements. <i>Journal of Nutrition</i> , 2019, 149, 1651-1659.	2.9	11
17	Maternal Gastrointestinal Nematode Infection Up-regulates Expression of Genes Associated with Long-Term Potentiation in Perinatal Brains of Uninfected Developing Pups. <i>Scientific Reports</i> , 2019, 9, 4165.	3.3	7
18	Infant growth faltering linked to subclinical mastitis, maternal faecalâ€“oral contamination, and breastfeeding. <i>Maternal and Child Nutrition</i> , 2019, 15, e12756.	3.0	13

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19	Differential expression of genes in fetal brain as a consequence of maternal protein deficiency and nematode infection. <i>International Journal for Parasitology</i> , 2018, 48, 51-58.	3.1	8
20	Subclinical mastitis (SCM) and proinflammatory cytokines are associated with mineral and trace element concentrations in human breast milk. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 46, 55-61.	3.0	22
21	Amniotic fluid minerals, trace elements, and prenatal supplement use in humans emerge as determinants of fetal growth. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 139-145.	3.0	13
22	C-reactive protein is differentially modulated by co-existing infections, vitamin deficiencies and maternal factors in pregnant and lactating indigenous Panamanian women. <i>Infectious Diseases of Poverty</i> , 2017, 6, 94.	3.7	20
23	<i>Ascaris</i> and hookworm transmission in preschool children in rural Panama: role of subsistence agricultural activities. <i>Parasitology</i> , 2016, 143, 1043-1054.	1.5	9
24	Minerals and Trace Elements in Human Breast Milk Are Associated with Guatemalan Infant Anthropometric Outcomes within the First 6 Months. <i>Journal of Nutrition</i> , 2016, 146, 2067-2074.	2.9	48
25	Near Infrared Spectroscopy for Rapid Estimation of Somatic Cell Counts in Human Breast Milk. <i>Journal of Near Infrared Spectroscopy</i> , 2016, 24, 425-431.	1.5	0
26	Expression of growth-related genes in the mouse placenta is influenced by interactions between intestinal nematode ( <i>Heligmosomoides bakeri</i> ) infection and dietary protein deficiency. <i>International Journal for Parasitology</i> , 2016, 46, 97-104.	3.1	6
27	<i>Ascaris</i> and hookworm transmission in preschool children from rural Panama: role of yard environment, soil eggs/larvae and hygiene and play behaviours. <i>Parasitology</i> , 2015, 142, 1543-1554.	1.5	15
28	Cultural Determinants of Optimal Breastfeeding Practices among Indigenous Mam-Mayan Women in the Western Highlands of Guatemala. <i>Journal of Human Lactation</i> , 2015, 31, 172-184.	1.6	24
29	Quantitative Methodologies Reveal a Diversity of Nutrition, Infection/Illness, and Psychosocial Stressors During Pregnancy and Lactation in Rural Mam-Mayan Mother-Infant Dyads From the Western Highlands of Guatemala. <i>Food and Nutrition Bulletin</i> , 2015, 36, 415-440.	1.4	25
30	Stunting at birth: recognition of early-life linear growth failure in the western highlands of Guatemala. <i>Public Health Nutrition</i> , 2015, 18, 1737-1745.	2.2	37
31	Interactions Among Urogenital, Intestinal, Skin, and Oral Infections in Pregnant and Lactating Panamanian Ngãbe Women: A Neglected Public Health Challenge. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 1100-1110.	1.4	15
32	Protein Deficiency and Intestinal Nematode Infection in Pregnant Mice Differentially Impact Fetal Growth through Specific Stress Hormones, Growth Factors, and Cytokines. <i>Journal of Nutrition</i> , 2015, 145, 41-50.	2.9	11
33	Associations Between Amniotic Fluid Minerals and Fetal Ultrasound Measurements. <i>FASEB Journal</i> , 2015, 29, 921.1.	0.5	0
34	Protein deficiency alters impact of intestinal nematode infection on intestinal, visceral and lymphoid organ histopathology in lactating mice. <i>Parasitology</i> , 2014, 141, 801-813.	1.5	4
35	Maternal Protein Deficiency during a Gastrointestinal Nematode Infection Alters Developmental Profile of Lymphocyte Populations and Selected Cytokines in Neonatal Mice. <i>Journal of Nutrition</i> , 2013, 143, 100-107.	2.9	18
36	Vitamin Deficiencies Are Both Risk Factors and Protective Against Diverse Urogenital and Intestinal Infections in Pregnant Ngabe Women from Panama. <i>FASEB Journal</i> , 2013, 27, 1061.4.	0.5	0

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37	Local concepts of infant illness among Mamá€Mayan women and impact on feeding practices: a qualitative study in the Western Highlands of Guatemala. <i>FASEB Journal</i> , 2013, 27, 841.13.	0.5	0
38	Stunting at birth: An underá€recognized phenomenon with implications for maternal health and nutrition. <i>FASEB Journal</i> , 2013, 27, 618.1.	0.5	0
39	Feeding practices during pregnancy and lactation amongst Mamá€Mayan women in rural Guatemala: a mixed qualitative and quantitative evaluation. <i>FASEB Journal</i> , 2013, 27, 841.14.	0.5	0
40	Impact of Conditional Transfer Programs in Panama on Food and Nutrient Intakes and Anthropometric Status of Ngabe Preschool Children. <i>FASEB Journal</i> , 2013, 27, 617.12.	0.5	0
41	Fetal overgrowth (FOG) is associated with early perturbations in amniotic fluid (AF) glucose, insulin and insulin like growth factors (IGF) in mothers with and without gestational diabetes (GDM). <i>FASEB Journal</i> , 2012, 26, 829.4.	0.5	0
42	Protein Deficiency and Nematode Infection during Pregnancy and Lactation Reduce Maternal Bone Mineralization and Neonatal Linear Growth in Mice ., <i>Journal of Nutrition</i> , 2010, 140, 1638-1645.	2.9	17
43	Comparative Sensitivity of Feeding and Nonfeeding Stages of <i>Heligmosomoides bakeri</i> (Nematoda) to Boron. <i>Comparative Parasitology</i> , 2007, 74, 319-326.	0.4	4
44	Low Dietary Boron Reduces Parasite (Nematoda) Survival and Alters Cytokine Profiles but the Infection Modifies Liver Minerals in Mice. <i>Journal of Nutrition</i> , 2007, 137, 2080-2086.	2.9	28
45	Dietary Boron Deprivation Reduces <i>Heligmosomoides bakeri</i> (Nematoda) Survival and Alters Cytokine Profile but Infection Modifies Liver Minerals in Mice. <i>FASEB Journal</i> , 2007, 21, A125.	0.5	0
46	Do Early Elevations in Amniotic Fluid Glucose and Insulin Predict the Risk for Gestational Diabetes Mellitus (GDM)?, <i>FASEB Journal</i> , 2006, 20, A184.	0.5	0
47	Gastrointestinal nematodes, trace elements, and immunity. <i>Journal of Trace Elements in Experimental Medicine</i> , 2003, 16, 237-251.	0.8	42
48	G<sc>ASTROINTESTINAL</sc>N<sc>EMATODES</sc>, N<sc>UTRITION AND</sc>I<sc>MMUNITY</sc>: Breaking the Negative Spiral. <i>Annual Review of Nutrition</i> , 2001, 21, 297-321.	10.1	158
49	Zinc Deficiency Impairs Immune Responses against Parasitic Nematode Infections at Intestinal and Systemic Sites. <i>Journal of Nutrition</i> , 2000, 130, 1412S-1420S.	2.9	100
50	Postnatal Profiles of Glycogenolysis and Gluconeogenesis Are Modified in Rat Pups by Maternal Dietary Glucose Restriction. <i>Journal of Nutrition</i> , 1999, 129, 820-827.	2.9	18
51	Low Intensity Exercise and Varying Proportions of Dietary Glucose and Fat Modify Milk and Mammary Gland Compositions and Pup Growth. <i>Journal of Nutrition</i> , 1999, 129, 1167-1175.	2.9	15
52	Energy Deficits Suppress Both Systemic and Gut Immunity during Infection. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 796-801.	2.1	44
53	Energy Restriction and Zinc Deficiency Impair the Functions of Murine T Cells and Antigen-Presenting Cells during Gastrointestinal Nematode Infection. <i>Journal of Nutrition</i> , 1998, 128, 20-27.	2.9	65
54	High Prevalence of Obesity in Low Income and Multiethnic Schoolchildren: A Diet and Physical Activity Assessment. <i>Journal of Nutrition</i> , 1997, 127, 2310-2315.	2.9	73

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55	Zinc deficiency and energy restriction modify immune responses in mice during both primary and challenge infection with <i>Heligmosomoides polygyrus</i> (Nematoda). <i>Parasite Immunology</i> , 1997, 19, 363-373.	1.5	19
56	Increased Energy Intake in Pregnant Smokers Does Not Prevent Human Fetal Growth Retardation. <i>Journal of Nutrition</i> , 1996, 126, 2984-2989.	2.9	25
57	Vitamin E inhibits fish oil-induced hyperlipidemia and tissue lipid peroxidation in hamsters. <i>Lipids</i> , 1996, 31, 839-847.	1.7	21
58	Maternal Dietary Glucose-Lipid Interactions Modulate Embryological Development in Vivo and in Embryo Culture <sup>1</sup> . <i>Biology of Reproduction</i> , 1995, 52, 145-155.	2.7	12
59	Zinc deficiency impairs T cell function in mice with primary infection of <i>Heligmosomoides polygyrus</i> (Nematoda). <i>Parasite Immunology</i> , 1994, 16, 339-350.	1.5	34
60	Restriction of Maternal Dietary Carbohydrate Decreases Fetal Brain Indoles and Glycogen in Rats. <i>Journal of Nutrition</i> , 1993, 123, 42-51.	2.9	7
61	Amniotic Fluid Composition Responds to Changes in Maternal Dietary Carbohydrate and is Related to Metabolic Status in Term Fetal Rats. <i>Journal of Nutrition</i> , 1992, 122, 385-392.	2.9	25
62	Marginal Zinc Deficiency has no Effect on Primary or Challenge Infections in Mice with <i>Heligmosomoides polygyrus</i> (Nematoda). <i>Journal of Nutrition</i> , 1992, 122, 570-579.	2.9	14
63	Comparison of Effects of Dietary Glucose versus Fructose During Pregnancy on Fetal Growth and Development in Rats. <i>Journal of Nutrition</i> , 1990, 120, 1312-1319.	2.9	19
64	Evidence for a Critical Period during Late Gestation When Maternal Dietary Carbohydrate Is Essential for Survival of Newborn Rats. <i>Journal of Nutrition</i> , 1990, 120, 1016-1027.	2.9	28
65	Altered Lactational Performance in Rats Fed Low Carbohydrate Diets and Its Effect on Growth of Neonatal Rat Pups. <i>Journal of Nutrition</i> , 1990, 120, 1028-1036.	2.9	18