

Michelle K McGuire

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.

97
papers

6,408
citations

40
h-index

79
g-index

100
ext. papers

7,467
ext. citations

6
avg, IF

7.15
L-index

#	Paper	IF	Citations
97	U.S. Department of Agriculture and U.S. Department of Health and Human Services, Dietary Guidelines for Americans, 2010. 7th Edition, Washington, DC: U.S. Government Printing Office, January 2011. <i>Advances in Nutrition</i> , 2011 , 2, 293-4	10	902
96	World Cancer Report 2014. Geneva, Switzerland: World Health Organization, International Agency for Research on Cancer, WHO Press, 2015. <i>Advances in Nutrition</i> , 2016 , 7, 418-9	10	770
95	Characterization of the diversity and temporal stability of bacterial communities in human milk. <i>PLoS ONE</i> , 2011 , 6, e21313	3.7	465
94	Institute of Medicine. 2012. Accelerating progress in obesity prevention: solving the weight of the nation. Washington, DC: the National Academies Press. <i>Advances in Nutrition</i> , 2012 , 3, 708-9	10	344
93	FAO, IFAD, and WFP. The State of Food Insecurity in the World 2015: Meeting the 2015 International Hunger Targets: Taking Stock of Uneven Progress. Rome: FAO, 2015. <i>Advances in Nutrition</i> , 2015 , 6, 623-4	10	233
92	Estimation of conjugated linoleic acid intake by written dietary assessment methodologies underestimates actual intake evaluated by food duplicate methodology. <i>Journal of Nutrition</i> , 2001 , 131, 1548-54	4.1	198
91	What's normal? Oligosaccharide concentrations and profiles in milk produced by healthy women vary geographically. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1086-1100	7	196
90	Leptin is present in human milk and is related to maternal plasma leptin concentration and adiposity. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 240, 742-7	3.4	164
89	WHO, World Food Programme, and International Fund for Agricultural Development. 2012. The State of Food Insecurity in the World 2012. Economic growth is necessary but not sufficient to accelerate reduction of hunger and malnutrition. Rome, FAO. <i>Advances in Nutrition</i> , 2013 , 4, 126-7	10	126
88	U.S. Dept. of Health and Human Services. The Surgeon General's Call to Action to Support Breastfeeding. U.S. Dept. of Health and Human Services, Office of the Surgeon General. 2011. <i>Advances in Nutrition</i> , 2011 , 2, 523-4	10	126
87	Soy isoflavones modulate immune function in healthy postmenopausal women. <i>American Journal of Clinical Nutrition</i> , 2006 , 83, 1118-25	7	116
86	World Health Organization. Comprehensive Implementation Plan on Maternal, Infant, and Young Child Nutrition. Geneva, Switzerland, 2014. <i>Advances in Nutrition</i> , 2015 , 6, 134-5	10	111
85	Institute of Medicine (IOM) Early Childhood Obesity Prevention Policies. Washington, DC: The National Academies Press; 2011. <i>Advances in Nutrition</i> , 2012 , 3, 56-7	10	100
84	Characterization of SARS-CoV-2 RNA, Antibodies, and Neutralizing Capacity in Milk Produced by Women with COVID-19. <i>MBio</i> , 2021 , 12,	7.8	98
83	Scientific Report of the 2015 Dietary Guidelines Advisory Committee. Washington, DC: US Departments of Agriculture and Health and Human Services, 2015. <i>Advances in Nutrition</i> , 2016 , 7, 202-4	10	97
82	What's Normal? Microbiomes in Human Milk and Infant Feces Are Related to Each Other but Vary Geographically: The INSPIRE Study. <i>Frontiers in Nutrition</i> , 2019 , 6, 45	6.2	84
81	SARS-CoV-2 and human milk: What is the evidence?. <i>Maternal and Child Nutrition</i> , 2020 , 16, e13032	3.4	78

80	Human milk oligosaccharides promote the growth of staphylococci. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 4763-70	4.8	74
79	International Food Policy Research Institute. 2014. Washington, DC: Global Nutrition Report 2014: actions and accountability to accelerate the world's progress on nutrition. <i>Advances in Nutrition</i> , 2015 , 6, 278-9	10	71
78	High-fat dairy product consumption increases delta 9c,11t-18:2 (rumenic acid) and total lipid concentrations of human milk. <i>Lipids</i> , 1999 , 34, 543-9	1.6	69
77	Human Milk Microbial Community Structure Is Relatively Stable and Related to Variations in Macronutrient and Micronutrient Intakes in Healthy Lactating Women. <i>Journal of Nutrition</i> , 2017 , 147, 1739-1748	4.1	69
76	Human milk: mother nature's prototypical probiotic food?. <i>Advances in Nutrition</i> , 2015 , 6, 112-23	10	67
75	Maternal supplementation with CLA decreases milk fat in humans. <i>Lipids</i> , 2002 , 37, 133-8	1.6	67
74	Todd J.E., Mancino L., Lin B-H. The impact of food away from home on adult diet quality. ERR-90, U.S. Department of Agriculture, Econ. Res. Serv., February 2010. <i>Advances in Nutrition</i> , 2011 , 2, 442-3	10	66
73	Got bacteria? The astounding, yet not-so-surprising, microbiome of human milk. <i>Current Opinion in Biotechnology</i> , 2017 , 44, 63-68	11.4	65
72	Use of dietary supplements by pregnant and lactating women in North America. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 663S-7S	7	62
71	What's Normal? Immune Profiling of Human Milk from Healthy Women Living in Different Geographical and Socioeconomic Settings. <i>Frontiers in Immunology</i> , 2017 , 8, 696	8.4	58
70	It's alive: microbes and cells in human milk and their potential benefits to mother and infant. <i>Advances in Nutrition</i> , 2014 , 5, 571-3	10	57
69	Institute of Medicine. 2010. Strategies to Reduce Sodium Intake in the United States. Washington, DC: The National Academies Press. <i>Advances in Nutrition</i> , 2010 , 1, 49-50	10	56
68	Strong Multivariate Relations Exist Among Milk, Oral, and Fecal Microbiomes in Mother-Infant Dyads During the First Six Months Postpartum. <i>Journal of Nutrition</i> , 2019 , 149, 902-914	4.1	55
67	Conjugated linoleic acid concentrations of human milk and infant formula. <i>Nutrition Research</i> , 1997 , 17, 1277-1283	4	55
66	trans Fatty acids in milk produced by women in the United States. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 1292-7	7	55
65	Institute of Medicine. 2013. "Sodium intake in populations: assessment of evidence." Washington, DC: The National Academies Press, 2013. <i>Advances in Nutrition</i> , 2014 , 5, 19-20	10	54
64	Centers for Disease Control and Prevention. State indicator report on Physical Activity, 2014. Atlanta, GA: U.S. Department of Health and Human Services; 2014. <i>Advances in Nutrition</i> , 2014 , 5, 762-3	10	52
63	Shields M., Carroll M.D., Ogden C.L. adult obesity prevalence in Canada and the United States. NCHS data brief no. 56, Hyattsville, MD: National Center for Health Statistics, 2011. <i>Advances in Nutrition</i> , 2011 , 2, 368-9	10	51

62	Selenium status of infants is influenced by supplementation of formula or maternal diets. <i>American Journal of Clinical Nutrition</i> , 1993 , 58, 643-8	7	49
61	Cis-9, trans-11 conjugated linoleic acid is synthesized from vaccenic acid in lactating women. <i>Journal of Nutrition</i> , 2006 , 136, 2297-301	4.1	48
60	Validation of reliable and selective methods for direct determination of glyphosate and aminomethylphosphonic acid in milk and urine using LC-MS/MS. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016 , 51, 254-9	2.2	47
59	Fecal Microbial Community Structure Is Stable over Time and Related to Variation in Macronutrient and Micronutrient Intakes in Lactating Women. <i>Journal of Nutrition</i> , 2015 , 145, 2379-88	4.1	46
58	Institute of Medicine. 2012. Front-of-Package Nutrition Rating Systems and Symbols: Promoting Healthier Choices. Washington, DC: The National Academies Press. <i>Advances in Nutrition</i> , 2012 , 3, 332-3	10	40
57	Ervin RB, Kit BK, Carroll MD, Ogden CL. Consumption of added sugar among U.S. children and adolescents, 2005-2008. NCHS data brief no 87. Hyattsville, MD: National Center for Health Statistics. 2012. <i>Advances in Nutrition</i> , 2012 , 3, 534	10	39
56	Glyphosate and aminomethylphosphonic acid are not detectable in human milk. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 1285-90	7	39
55	Mastitis is associated with increased free fatty acids, somatic cell count, and interleukin-8 concentrations in human milk. <i>Breastfeeding Medicine</i> , 2013 , 8, 105-10	2.1	37
54	IOM (Institute of Medicine) and NRC (National Research Council). 2013. Supplemental Nutrition Assistance Program: Examining the Evidence to Define Benefit Adequacy. Washington, DC: The National Academies Press, 2013. <i>Advances in Nutrition</i> , 2013 , 4, 477-8	10	35
53	Assessing the Safety of Pesticides in Food: How Current Regulations Protect Human Health. <i>Advances in Nutrition</i> , 2019 , 10, 80-88	10	34
52	Social networks, cooperative breeding, and the human milk microbiome. <i>American Journal of Human Biology</i> , 2018 , 30, e23131	2.7	34
51	Relationships Among Microbial Communities, Maternal Cells, Oligosaccharides, and Macronutrients in Human Milk. <i>Journal of Human Lactation</i> , 2017 , 33, 540-551	2.6	32
50	Institute of Medicine. 2009. School meals: building blocks for healthy children. Washington, DC: the National Academies Press. <i>Advances in Nutrition</i> , 2011 , 2, 64-5	10	29
49	WHO Guideline: Vitamin A supplementation in pregnant women. Geneva: WHO, 2011; WHO Guideline: Vitamin A supplementation in postpartum women. Geneva: WHO, 2011. <i>Advances in Nutrition</i> , 2012 , 3, 215-6	10	29
48	State Indicator Report on Fruits and Vegetables, 2013, Centers for Disease Control and Prevention, Atlanta, GA. <i>Advances in Nutrition</i> , 2013 , 4, 665-6	10	28
47	Consumption of conjugated linoleic acid (CLA) from CLA-enriched cheese does not alter milk fat or immunity in lactating women. <i>Journal of Nutrition</i> , 2005 , 135, 422-30	4.1	27
46	NIH workshop on human milk composition: summary and visions. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 769-779	7	26
45	Selenium status of lactating women is affected by the form of selenium consumed. <i>American Journal of Clinical Nutrition</i> , 1993 , 58, 649-52	7	26

44	COVID-19 and human milk: SARS-CoV-2, antibodies, and neutralizing capacity 2020 ,		26
43	Maternal and Perinatal Factors Associated with the Human Milk Microbiome. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa027	0.4	25
42	Pre- and postweaning food restrictions interact to determine reproductive success and milk volume in rats. <i>Journal of Nutrition</i> , 1995 , 125, 2400-6	4.1	23
41	Dietary fat type influences total milk fat content in lean women. <i>Journal of Nutrition</i> , 2005 , 135, 416-21	4.1	22
40	Consumption of c9,t11-18:2 or t10,c12-18:2 enriched dietary supplements does not influence milk macronutrients in healthy, lactating women. <i>Lipids</i> , 2007 , 42, 835-43	1.6	21
39	Supplemental conjugated linoleic acid consumption does not influence milk macronutrient contents in all healthy lactating women. <i>Lipids</i> , 2007 , 42, 723-9	1.6	21
38	Documentation of fatty acid profiles in lamb meat and lamb-based infant foods. <i>Journal of Food Science</i> , 2011 , 76, H43-7	3.4	20
37	Overestimates of oleic and linoleic acid contents in materials containing trans fatty acids and analyzed with short packed gas chromatographic columns. <i>Lipids</i> , 2001 , 36, 213-6	1.6	20
36	Food restriction, gonadotropins, and behavior in the lactating rat. <i>Physiology and Behavior</i> , 1995 , 58, 1243-9	3.5	20
35	Institute of Medicine. 2013. Evaluating obesity prevention efforts: a plan for measuring progress. Washington, DC: The National Academies Press, 2013. <i>Advances in Nutrition</i> , 2014 , 5, 191-2	10	17
34	Elevated dairy fat intake in lactating women alters milk lipid and fatty acids without detectible changes in expression of genes related to lipid uptake or synthesis. <i>Nutrition Research</i> , 2015 , 35, 221-8	4	16
33	Household composition and the infant fecal microbiome: The INSPIRE study. <i>American Journal of Physical Anthropology</i> , 2019 , 169, 526-539	2.5	15
32	Nutritional status and behavior during lactation. <i>Physiology and Behavior</i> , 1995 , 58, 393-400	3.5	15
31	Comparison of commercially-available preservatives for maintaining the integrity of bacterial DNA in human milk. <i>Journal of Microbiological Methods</i> , 2017 , 141, 73-81	2.8	14
30	Institute of Medicine. 2014. Caffeine in Food and Dietary Supplements: Examining Safety Workshop Summary. Washington, DC: The National Academies Press, 2014. <i>Advances in Nutrition</i> , 2014 , 5, 585-6	10	13
29	Effects of margarine and butter consumption on distribution of trans-18:1 fatty acid isomers and conjugated linoleic acid in major serum lipid classes in lactating women. <i>Lipids</i> , 2006 , 41, 141-7	1.6	13
28	Breastfeeding and the origins of health: Interdisciplinary perspectives and priorities. <i>Maternal and Child Nutrition</i> , 2021 , 17, e13109	3.4	13
27	Frayar, D.C., Ervin, R.B. Caloric intake from fast food among adults: United States, 2007-2010. NCHS Data Brief, No. 114, February 2013. Hyattsville, MD: National Center for Health Statistics, 2013. <i>Advances in Nutrition</i> , 2013 , 4, 578	10	12

26	SARS-CoV-2 and human milk: what is the evidence? 2020 ,		12
25	Best Practices for Human Milk Collection for COVID-19 Research. <i>Breastfeeding Medicine</i> , 2021 , 16, 29-38.	1	12
24	Determination of c9,t11-CLA in major human plasma lipid classes using a combination of methylating methodologies. <i>Lipids</i> , 2003 , 38, 793-800	1.6	10
23	Institute of Medicine. Review of WIC food packages: an evaluation of white potatoes in the cash value voucher: letter report. Washington (DC): The National Academies Press, 2015. <i>Advances in Nutrition</i> , 2015 , 6, 863-4	10	9
22	Variation in Human Milk Composition Is Related to Differences in Milk and Infant Fecal Microbial Communities. <i>Microorganisms</i> , 2021 , 9,	4.9	9
21	Chronic food restriction amplifies the effect of lactation on the duration of postpartum anestrus in rats. <i>Journal of Nutrition</i> , 1992 , 122, 1726-30	4.1	8
20	Key genetic variants associated with variation of milk oligosaccharides from diverse human populations. <i>Genomics</i> , 2021 , 113, 1867-1875	4.3	7
19	An Evolutionary, Biosocial Perspective on Variation in Human Milk Microbes and Oligosaccharides: An Example of Eco-Homeorhesis? 2017 , 367-399		6
18	Loss of body fat and associated decrease in leptin in early lactation are related to shorter duration of postpartum anovulation in healthy US women. <i>Journal of Human Lactation</i> , 2015 , 31, 282-93	2.6	6
17	Nord, M., Coleman-Jensen A., Andrews M., Carlson S. Household Food Security in the United States, 2009. EER-108, U.S. Dept. of Agriculture, Econ. Res. Serv. November 2010. <i>Advances in Nutrition</i> , 2011 , 2, 153-154	10	5
16	Food and Nutrition Service, U.S. Department of Agriculture. Building a healthy America: A profile of the supplemental nutrition assistance program. April 2012. <i>Advances in Nutrition</i> , 2012 , 3, 825-6	10	5
15	Dietary intake of c9,t11-conjugated linoleic acid correlates with its concentration in plasma lipid fractions of men but not women. <i>Journal of Nutrition</i> , 2012 , 142, 1645-51	4.1	4
14	Naloxone administration does not relieve the inhibition of gonadotropin release in food-restricted, lactating rats. <i>Journal of Nutrition</i> , 1996 , 126, 2113-9	4.1	3
13	Comparison of Two Approaches for the Metataxonomic Analysis of the Human Milk Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 622550	5.9	3
12	Multipathogen Analysis of IgA and IgG Antigen Specificity for Selected Pathogens in Milk Produced by Women From Diverse Geographical Regions: The INSPIRE Study. <i>Frontiers in Immunology</i> , 2020 , 11, 614372	8.4	3
11	Pumping supplies alter the microbiome of pumped human milk: An in-home, randomized, crossover trial. <i>American Journal of Clinical Nutrition</i> , 2021 ,	7	3
10	U.S. Food and Drug Administration. Global Engagement. 2012. <i>Advances in Nutrition</i> , 2013 , 4, 265-6	10	2
9	Centers for Disease Control and Prevention. 2013. Vital signs: binge drinking among women and high school girls--United States, 2011. <i>Advances in Nutrition</i> , 2013 , 4, 313-4	10	2

8	Breastfeeding Beyond 12 Months: Is There Evidence for Health Impacts?. <i>Annual Review of Nutrition</i> , 2021 , 41, 283-308	9.9	2
7	Isn't Milk Sterile? A Historical Perspective on Microbes in Milk 2017 , 297-313		1
6	Human Milk Microbes [Summary and Research Gaps 2017 , 463-468		1
5	Food supplementation during lactation shortens anestrus and elevates gonadotropins in rats. <i>Journal of Nutrition</i> , 1997 , 127, 785-90	4.1	1
4	Mapping the Human Milk Microbiome: Impetus for a Long-Awaited Renaissance in Maternal and Infant Nutrition Research?. <i>Journal of Nutrition</i> , 2021 , 151, 278-280	4.1	1
3	Milk From Women Diagnosed With COVID-19 Does Not Contain SARS-CoV-2 RNA but Has Persistent Levels of SARS-CoV-2-Specific IgA Antibodies.. <i>Frontiers in Immunology</i> , 2021 , 12, 801797	8.4	1
2	Microbiomes and Childhood Malnutrition: What Is the Evidence?. <i>Annals of Nutrition and Metabolism</i> , 2021 , 1-13	4.5	0
1	Documentation of second-by-second breastfeeding behaviors using a novel method. <i>Journal of Human Lactation</i> , 1997 , 13, 23-7	2.6	