

Yu-Mei Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,622
citations

201674

27
h-index

214800

47
g-index

89
all docs

89
docs citations

89
times ranked

3519
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Patterns in Human Milk Microbiota and Fatty Acid Profiles Across Specific Geographic Locations. <i>Frontiers in Microbiology</i> , 2016, 7, 1619.	3.5	224
2	The Effect of Vitamin D Supplementation on Glycemic Control in Type 2 Diabetes Patients: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2018, 10, 375.	4.1	152
3	The Gut Microbiota of Healthy Aged Chinese Is Similar to That of the Healthy Young. <i>MSphere</i> , 2017, 2, .	2.9	141
4	Temporal Change of the Content of 10 Oligosaccharides in the Milk of Chinese Urban Mothers. <i>Nutrients</i> , 2016, 8, 346.	4.1	123
5	Dietary Diversity among Chinese Residents during the COVID-19 Outbreak and Its Associated Factors. <i>Nutrients</i> , 2020, 12, 1699.	4.1	121
6	Microbiota in Breast Milk of Chinese Lactating Mothers. <i>PLoS ONE</i> , 2016, 11, e0160856.	2.5	92
7	Dietary diversity scores: an indicator of micronutrient inadequacy instead of obesity for Chinese children. <i>BMC Public Health</i> , 2017, 17, 440.	2.9	91
8	Prevalence of Anemia and Its Risk Factors Among Children 6â€“36 Months Old in Burma. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012, 87, 306-311.	1.4	76
9	Mycobiome Profiles in Breast Milk from Healthy Women Depend on Mode of Delivery, Geographic Location, and Interaction with Bacteria. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	76
10	Human Breast Milk NMR Metabolomic Profile across Specific Geographical Locations and Its Association with the Milk Microbiota. <i>Nutrients</i> , 2018, 10, 1355.	4.1	74
11	Prevalence of picky eating behaviour in Chinese school-age children and associations with anthropometric parameters and intelligence quotient. A cross-sectional study. <i>Appetite</i> , 2015, 91, 248-255.	3.7	66
12	Association between Dietary Inflammatory Index, C-Reactive Protein and Metabolic Syndrome: A Cross-Sectional Study. <i>Nutrients</i> , 2018, 10, 831.	4.1	64
13	Temporal Changes of Human Breast Milk Lipids of Chinese Mothers. <i>Nutrients</i> , 2016, 8, 715.	4.1	60
14	Dietary Behaviors in the Post-Lockdown Period and Its Effects on Dietary Diversity: The Second Stage of a Nutrition Survey in a Longitudinal Chinese Study in the COVID-19 Era. <i>Nutrients</i> , 2020, 12, 3269.	4.1	56
15	Emotional Eating in Pregnant Women during the COVID-19 Pandemic and Its Association with Dietary Intake and Gestational Weight Gain. <i>Nutrients</i> , 2020, 12, 2250.	4.1	54
16	The Glucose-Lowering Effect of Foxtail Millet in Subjects with Impaired Glucose Tolerance: A Self-Controlled Clinical Trial. <i>Nutrients</i> , 2018, 10, 1509.	4.1	44
17	Lipid content and fatty acids composition of mature human milk in rural North China. <i>British Journal of Nutrition</i> , 2010, 103, 913-916.	2.3	43
18	Growth and Development in Chinese Pre-Schoolers with Picky Eating Behaviour: A Cross-Sectional Study. <i>PLoS ONE</i> , 2015, 10, e0123664.	2.5	43

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19	Concentrations of Carotenoids and Tocopherols in Breast Milk from Urban Chinese Mothers and Their Associations with Maternal Characteristics: A Cross-Sectional Study. <i>Nutrients</i> , 2017, 9, 1229.	4.1	40
20	Dietary Diversity and Food Variety in Chinese Children Aged 3–17 Years: Are They Negatively Associated with Dietary Micronutrient Inadequacy?. <i>Nutrients</i> , 2018, 10, 1674.	4.1	38
21	Consumption of sugar-sweetened beverages and its association with overweight among young children from China. <i>Public Health Nutrition</i> , 2016, 19, 2336-2346.	2.2	37
22	Effects of sea buckthorn (<i>Hippophaë rhamnoides</i>) juice and L-quebrachitol on type 2 diabetes mellitus in db/db mice. <i>Journal of Functional Foods</i> , 2015, 16, 223-233.	3.4	35
23	Breast Milk Polyamines and Microbiota Interactions: Impact of Mode of Delivery and Geographical Location. <i>Annals of Nutrition and Metabolism</i> , 2017, 70, 184-190.	1.9	35
24	Association between gestational weight gain according to prepregnancy body mass index and short postpartum weight retention in postpartum women. <i>Clinical Nutrition</i> , 2015, 34, 291-295.	5.0	34
25	Effects of Anthocyanin Extracts from Bilberry (<i>Vaccinium myrtillus</i> L.) and Purple Potato (<i>Solanum tuberosum</i> L. var. 'Synke Sakari'™) on the Plasma Metabolomic Profile of Zucker Diabetic Fatty Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 9436-9450.	5.2	33
26	Prevalence of Anemia and Its Risk Factors Among Lactating Mothers in Myanmar. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 963-967.	1.4	32
27	Association between spicy food consumption and lipid profiles in adults: a nationwide population-based study. <i>British Journal of Nutrition</i> , 2017, 118, 144-153.	2.3	29
28	Compositional and functional differences in human gut microbiome with respect to equol production and its association with blood lipid level: a cross-sectional study. <i>Gut Pathogens</i> , 2019, 11, 20.	3.4	29
29	Temporal Changes of Protein Composition in Breast Milk of Chinese Urban Mothers and Impact of Caesarean Section Delivery. <i>Nutrients</i> , 2016, 8, 504.	4.1	28
30	Perceptions of food intake and weight status among parents of picky eating infants and toddlers in China: A cross-sectional study. <i>Appetite</i> , 2017, 108, 456-463.	3.7	28
31	Breast milk macronutrient composition and the associated factors in urban Chinese mothers. <i>Chinese Medical Journal</i> , 2014, 127, 1721-5.	2.3	27
32	Neutral Human Milk Oligosaccharides Are Associated with Multiple Fixed and Modifiable Maternal and Infant Characteristics. <i>Nutrients</i> , 2020, 12, 826.	4.1	26
33	Prevalence of Overweight and Obesity and Weight Loss Practice among Beijing Adults, 2011. <i>PLoS ONE</i> , 2014, 9, e98744.	2.5	25
34	Food groups consumed by infants and toddlers in urban areas of China. <i>Food and Nutrition Research</i> , 2016, 60, 30289.	2.6	25
35	Sex-dependent difference in the association between frequency of spicy food consumption and risk of hypertension in Chinese adults. <i>European Journal of Nutrition</i> , 2019, 58, 2449-2461.	3.9	24
36	Food sources of energy and nutrients in the diets of infants and toddlers in urban areas of China, based on one 24-hour dietary recall. <i>BMC Nutrition</i> , 2015, 1, .	1.6	22

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37	Direct inlet negative ion chemical ionization tandem mass spectrometric analysis of triacylglycerol regioisomers in human milk and infant formulas. <i>Food Chemistry</i> , 2020, 328, 126991.	8.2	22
38	Effects of acylated and nonacylated anthocyanins extracts on gut metabolites and microbiota in diabetic Zucker rats: A metabolomic and metagenomic study. <i>Food Research International</i> , 2022, 153, 110978.	6.2	22
39	Amino Acid Composition of Breast Milk from Urban Chinese Mothers. <i>Nutrients</i> , 2016, 8, 606.	4.1	19
40	Dietary Diversity Is Associated With Memory Status in Chinese Adults: A Prospective Study. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 580760.	3.4	19
41	Isoflavone intake inhibits the development of 7,12-dimethylbenz(a)anthracene(DMBA)-induced mammary tumors in normal and ovariectomized rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2014, 54, 31-38.	1.4	18
42	Do Chinese Preschool Children Eat a Sufficiently Diverse Diet? A Cross-Sectional Study in China. <i>Nutrients</i> , 2018, 10, 794.	4.1	18
43	Bioavailability of docosahexaenoic acid 22:6(n-3) from enantiopure triacylglycerols and their regioisomeric counterpart in rats. <i>Food Chemistry</i> , 2019, 283, 381-389.	8.2	18
44	Neurodevelopmental Outcomes and Gut Bifidobacteria in Term Infants Fed an Infant Formula Containing High sn-2 Palmitate: A Cluster Randomized Clinical Trial. <i>Nutrients</i> , 2021, 13, 693.	4.1	18
45	Mineral compositions in breast milk of healthy Chinese lactating women in urban areas and its associated factors. <i>Chinese Medical Journal</i> , 2014, 127, 2643-8.	2.3	18
46	Longitudinal Changes in the Concentration of Major Human Milk Proteins in the First Six Months of Lactation and Their Effects on Infant Growth. <i>Nutrients</i> , 2021, 13, 1476.	4.1	17
47	Inappropriate Feeding Behavior: One of the Important Causes of Malnutrition in 6- to 36-Month-Old Children in Myanmar. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 702-708.	1.4	16
48	Association of Spicy Food Consumption Frequency with Serum Lipid Profiles in Older People in China. <i>Journal of Nutrition, Health and Aging</i> , 2018, 22, 311-320.	3.3	16
49	Nutrition Concerns of Insufficient and Excessive Intake of Dietary Minerals in Lactating Women: A Cross-Sectional Survey in Three Cities of China. <i>PLoS ONE</i> , 2016, 11, e0146483.	2.5	15
50	Knowledge, Attitude, and Practice (KAP) of Dairy Products in Chinese Urban Population and the Effects on Dairy Intake Quality. <i>Nutrients</i> , 2017, 9, 668.	4.1	15
51	Nutrient intakes of infants and toddlers from maternal and child care centres in urban areas of China, based on one 24-hour dietary recall. <i>BMC Nutrition</i> , 2015, 1, .	1.6	14
52	The associated factors of cesarean section during COVID-19 pandemic: a cross-sectional study in nine cities of China. <i>Environmental Health and Preventive Medicine</i> , 2020, 25, 60.	3.4	14
53	Amino acid composition of lactating mothers' milk and confinement diet in rural North China. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2010, 19, 344-9.	0.4	14
54	High Prevalence of Insufficient Vitamin D Intake and Serum 25-Hydroxyvitamin D in Chinese School-Age Children: A Cross-Sectional Study. <i>Nutrients</i> , 2018, 10, 822.	4.1	13

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55	Gastrointestinal discomforts and dietary intake in Chinese urban elders: A cross-sectional study in eight cities of China. <i>World Journal of Gastroenterology</i> , 2019, 25, 6681-6692.	3.3	13
56	Using an introduced index to assess the association between food diversity and metabolic syndrome and its components in Chinese adults. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 189.	1.7	10
57	Beneficial Effect of Dietary Diversity on the Risk of Disability in Activities of Daily Living in Adults: A Prospective Cohort Study. <i>Nutrients</i> , 2020, 12, 3263.	4.1	10
58	Association Between Dietary Quality and Postpartum Depression in Lactating Women: A Cross-Sectional Survey in Urban China. <i>Frontiers in Nutrition</i> , 2021, 8, 705353.	3.7	10
59	Potential Contribution of Iron Deficiency and Multiple Factors to Anemia Among 6- to 72-Month-Old Children in the Kokang Area of Myanmar. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 836-840.	1.4	9
60	Associations of sedentary behavior and physical activity with physical measurements and dyslipidemia in school-age children: a cross-sectional study. <i>BMC Public Health</i> , 2016, 16, 1186.	2.9	9
61	Gender and urban-rural difference in anthropometric indices predicting dyslipidemia in Chinese primary school children: a cross-sectional study. <i>Lipids in Health and Disease</i> , 2016, 15, 87.	3.0	9
62	Tissue-Specific Content of Polyunsaturated Fatty Acids in (n-3) Deficiency State of Rats. <i>Foods</i> , 2022, 11, 208.	4.3	9
63	Postpartum anemia is a neglected public health issue in China: a cross-sectional study. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2019, 28, 793-799.	0.4	9
64	Regional, socioeconomic, and dietary factors influencing B-vitamins in human milk of urban Chinese lactating women at different lactation stages. <i>BMC Nutrition</i> , 2017, 3, 22.	1.6	8
65	¹ H NMR Metabolomics and Full-Length RNA-Seq Reveal Effects of Acylated and Nonacylated Anthocyanins on Hepatic Metabolites and Gene Expression in Zucker Diabetic Fatty Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 4423-4437.	5.2	8
66	Translation of nutrient recommendations into personalized optimal diets for Chinese urban lactating women by linear programming models. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 379.	2.4	7
67	Effects of sea buckthorn puree on risk factors of cardiovascular disease in hypercholesterolemia population: a double-blind, randomized, placebo-controlled trial. <i>Animal Biotechnology</i> , 2022, 33, 955-963.	1.5	7
68	Effect of Sea Buckthorn on Plasma Glucose in Individuals with Impaired Glucose Regulation: A Two-Stage Randomized Crossover Intervention Study. <i>Foods</i> , 2021, 10, 804.	4.3	7
69	Chinese Breast Milk Fat Composition and Its Associated Dietary Factors: A Pilot Study on Lactating Mothers in Beijing. <i>Frontiers in Nutrition</i> , 2021, 8, 606950.	3.7	7
70	Prevalence of premastication among children aged 6-36 months and its association with health: A cross-sectional study in eight cities of China. <i>Maternal and Child Nutrition</i> , 2018, 14, .	3.0	6
71	Patterns of the Consumption of Young Children Formula in Chinese Children Aged 1-3 Years and Implications for Nutrient Intake. <i>Nutrients</i> , 2020, 12, 1672.	4.1	5
72	The Association between Postpartum Practice and Chinese Postpartum Depression: Identification of a Postpartum Depression-Related Dietary Pattern. <i>Nutrients</i> , 2022, 14, 903.	4.1	5

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73	Effect of feeding pattern on infant illness in Chinese cities. <i>Public Health Nutrition</i> , 2016, 19, 1252-1259.	2.2	4
74	Consumption of Added Sugar among Chinese Toddlers and Its Association with Picky Eating and Daily Screen Time. <i>Nutrients</i> , 2022, 14, 1840.	4.1	4
75	Composition requirements of follow-up formula for 6-12-month-old infants: recommendations of a Chinese expert group. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2019, 28, 347-355.	0.4	3
76	Feeding Difficulty Among Chinese Toddlers Aged 1â€“3 Years and Its Association With Health and Development. <i>Frontiers in Pediatrics</i> , 2021, 9, 758176.	1.9	3
77	Association between nutrient patterns and serum lipids in Chinese adult women: A cross-sectional study. <i>Nutrition and Dietetics</i> , 2019, 76, 184-191.	1.8	2
78	Gaps in awareness and control of hypertension: a cross-sectional study in Chinese urban adults. <i>Journal of Human Hypertension</i> , 2018, 32, 423-431.	2.2	1
79	Developing and Testing the Validity and Reliability of the Brief Adolescent Respiratory System Health Assessment Scale-Student Version in a Chinese Sample. <i>Frontiers in Pediatrics</i> , 2021, 9, 713066.	1.9	1
80	Postpartum Weight Retention Risk Factors in a Chinese Cohort Study (P11-043-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz048.P11-043-19.	0.3	0
81	Association of Dietary Ganglioside Intake and Gastrointestinal Discomfort Among Chinese Urban Adults: A Cross-sectional Study in Eight Cities of China (P18-050-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz039.P18-050-19.	0.3	0
82	Toddler neurodevelopment is associated with ganglioside intake but not serum ganglioside. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2020, 29, 584-592.	0.4	0