

Maijaliisa Erkkola

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.

91 papers	2,558 citations	26 h-index	49 g-index
108 ext. papers	3,121 ext. citations	4.3 avg, IF	4.66 L-index

#	Paper	IF	Citations
91	Maternal vitamin D intake during pregnancy is inversely associated with asthma and allergic rhinitis in 5-year-old children. <i>Clinical and Experimental Allergy</i> , 2009 , 39, 875-82	4.1	314
90	Gestational Diabetes Mellitus Can Be Prevented by Lifestyle Intervention: The Finnish Gestational Diabetes Prevention Study (RADIEL): A Randomized Controlled Trial. <i>Diabetes Care</i> , 2016 , 39, 24-30	14.6	238
89	Validity and reproducibility of a food frequency questionnaire for pregnant Finnish women. <i>American Journal of Epidemiology</i> , 2001 , 154, 466-76	3.8	170
88	Age at the introduction of solid foods during the first year and allergic sensitization at age 5 years. <i>Pediatrics</i> , 2010 , 125, 50-9	7.4	127
87	The positive impact of general vitamin D food fortification policy on vitamin D status in a representative adult Finnish population: evidence from an 11-y follow-up based on standardized 25-hydroxyvitamin D data. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1512-1520	7	110
86	Short-term exclusive breastfeeding predisposes young children with increased genetic risk of Type I diabetes to progressive beta-cell autoimmunity. <i>Diabetologia</i> , 2001 , 44, 63-9	10.3	103
85	Timing of infant feeding in relation to childhood asthma and allergic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 78-86	11.5	98
84	Food consumption and nutrient intake in Finnish 1-6-year-old children. <i>Public Health Nutrition</i> , 2010 , 13, 947-56	3.3	97
83	Maternal diet during pregnancy and allergic sensitization in the offspring by 5 yrs of age: a prospective cohort study. <i>Pediatric Allergy and Immunology</i> , 2010 , 21, 29-37	4.2	89
82	Food diversity in infancy and the risk of childhood asthma and allergies. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1084-91	11.5	72
81	Dietary intake and use of dietary supplements in relation to demographic variables among pregnant Finnish women. <i>British Journal of Nutrition</i> , 2006 , 96, 913-20	3.6	68
80	Dietary fatty acid composition during pregnancy and the risk of asthma in the offspring. <i>Pediatric Allergy and Immunology</i> , 2011 , 22, 827-35	4.2	60
79	Maternal intake of fatty acids during pregnancy and allergies in the offspring. <i>British Journal of Nutrition</i> , 2012 , 108, 720-32	3.6	58
78	Effects of vitamin D2-fortified bread v. supplementation with vitamin D2 or D3 on serum 25-hydroxyvitamin D metabolites: an 8-week randomised-controlled trial in young adult Finnish women. <i>British Journal of Nutrition</i> , 2016 , 115, 1232-9	3.6	53
77	Risk of asthma and allergic outcomes in the offspring in relation to maternal food consumption during pregnancy: a Finnish birth cohort study. <i>Pediatric Allergy and Immunology</i> , 2012 , 23, 186-94	4.2	51
76	Vitamin D Fortification of Fluid Milk Products and Their Contribution to Vitamin D Intake and Vitamin D Status in Observational Studies-A Review. <i>Nutrients</i> , 2018 , 10,	6.7	48
75	Diet composition of pregnant Finnish women: changes over time and across seasons. <i>Public Health Nutrition</i> , 2010 , 13, 939-46	3.3	46

74	Validation of the Finnish ISAAC questionnaire on asthma against anti-asthmatic medication reimbursement database in 5-year-old children. <i>Clinical Respiratory Journal</i> , 2011 , 5, 211-8	1.7	43
73	Determinants of breast-feeding in a Finnish birth cohort. <i>Public Health Nutrition</i> , 2010 , 13, 504-13	3.3	38
72	The mediating role of the home environment in relation to parental educational level and preschool children's screen time: a cross-sectional study. <i>BMC Public Health</i> , 2017 , 17, 688	4.1	35
71	Increased health and well-being in preschools (DAGIS): rationale and design for a randomized controlled trial. <i>BMC Public Health</i> , 2015 , 15, 402	4.1	33
70	Increased Health and Wellbeing in Preschools (DAGIS) Study-Differences in Children's Energy Balance-Related Behaviors (EBRBs) and in Long-Term Stress by Parental Educational Level. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	31
69	An exploratory study of the associations between maternal iron status in pregnancy and childhood wheeze and atopy. <i>British Journal of Nutrition</i> , 2014 , 112, 2018-27	3.6	29
68	Food consumption and nutrient intake in day care and at home in 3-year-old Finnish children. <i>Public Health Nutrition</i> , 2010 , 13, 957-64	3.3	28
67	Finnish Children Healthy Eating Index (FCHEI) and its associations with family and child characteristics in pre-school children. <i>Public Health Nutrition</i> , 2014 , 17, 2519-27	3.3	27
66	Nutrient intake variability and number of days needed to assess intake in preschool children. <i>British Journal of Nutrition</i> , 2011 , 106, 130-40	3.6	26
65	Sucrose in the diet of 3-year-old Finnish children: sources, determinants and impact on food and nutrient intake. <i>British Journal of Nutrition</i> , 2009 , 101, 1209-17	3.6	26
64	Intake of vitamin D by Finnish children aged 3 months to 3 years in relation to sociodemographic factors. <i>European Journal of Clinical Nutrition</i> , 2006 , 60, 1317-22	5.2	26
63	Vitamin D status and current policies to achieve adequate vitamin D intake in the Nordic countries. <i>Scandinavian Journal of Public Health</i> , 2021 , 49, 616-627	3	25
62	Like parent, like child? Dietary resemblance in families. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 62	8.4	24
61	Replacing Animal-Based Proteins with Plant-Based Proteins Changes the Composition of a Whole Nordic Diet-A Randomised Clinical Trial in Healthy Finnish Adults. <i>Nutrients</i> , 2020 , 12,	6.7	21
60	Food photographs in portion size estimation among adolescent Mozambican girls. <i>Public Health Nutrition</i> , 2013 , 16, 1558-64	3.3	19
59	Nutrient intake of pregnant women at high risk of gestational diabetes. <i>Food and Nutrition Research</i> , 2015 , 59, 26676	3.1	16
58	Vegan diet in young children remodels metabolism and challenges the statuses of essential nutrients. <i>EMBO Molecular Medicine</i> , 2021 , 13, e13492	12	16
57	Parents' Reports of Preschoolers' Diets: Relative Validity of a Food Frequency Questionnaire and Dietary Patterns. <i>Nutrients</i> , 2019 , 11,	6.7	15

56	Healthy Food Intake Index (HFII) - Validity and reproducibility in a gestational-diabetes-risk population. <i>BMC Public Health</i> , 2016 , 16, 680	4.1	14
55	Children's physical activity and the preschool physical environment: The moderating role of gender. <i>Early Childhood Research Quarterly</i> , 2019 , 47, 39-48	3.3	14
54	Dietary patterns and their associations with home food availability among Finnish pre-school children: a cross-sectional study. <i>Public Health Nutrition</i> , 2018 , 21, 1232-1242	3.3	13
53	Accuracy in the estimation of children's food portion sizes against a food picture book by parents and early educators. <i>Journal of Nutritional Science</i> , 2018 , 7, e35	2.7	13
52	Maternal diet during lactation and allergic sensitization in the offspring at age of 5. <i>Pediatric Allergy and Immunology</i> , 2011 , 22, 334-41	4.2	12
51	Compliance with the 24-h movement guidelines and the relationship with anthropometry in Finnish preschoolers: the DAGIS study. <i>BMC Public Health</i> , 2019 , 19, 1618	4.1	12
50	A cross-sectional study of children's temperament, food consumption and the role of food-related parenting practices. <i>Appetite</i> , 2019 , 138, 136-145	4.5	11
49	Sociodemographic determinants of early weaning: a Finnish birth cohort study in infants with human leucocyte antigen-conferred susceptibility to type 1 diabetes. <i>Public Health Nutrition</i> , 2013 , 16, 296-304	3.3	11
48	Development and validation of an interview-administered FFQ for assessment of vitamin D and calcium intakes in Finnish women. <i>British Journal of Nutrition</i> , 2016 , 115, 1100-7	3.6	10
47	Partial Replacement of Animal Proteins with Plant Proteins for 12 Weeks Accelerates Bone Turnover Among Healthy Adults: A Randomized Clinical Trial. <i>Journal of Nutrition</i> , 2021 , 151, 11-19	4.1	10
46	Suitability of random forest analysis for epidemiological research: Exploring sociodemographic and lifestyle-related risk factors of overweight in a cross-sectional design. <i>Scandinavian Journal of Public Health</i> , 2018 , 46, 557-564	3	9
45	Preschool children's context-specific sedentary behaviours and parental socioeconomic status in Finland: a cross-sectional study. <i>BMJ Open</i> , 2017 , 7, e016690	3	9
44	Burden of allergy diets in Finnish day care reduced by change in practices. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 1453-60	9.3	9
43	Large-scale loyalty card data in health research. <i>Digital Health</i> , 2018 , 4, 2055207618816898	4	9
42	Associations of dietary diversity scores and micronutrient status in adolescent Mozambican girls. <i>European Journal of Nutrition</i> , 2017 , 56, 1179-1189	5.2	8
41	The Contribution of Preschool Meals to the Diet of Finnish Preschoolers. <i>Nutrients</i> , 2019 , 11,	6.7	8
40	Early educators' practices and opinions in relation to pre-schoolers' dietary intake at pre-school: case Finland. <i>Public Health Nutrition</i> , 2019 , 22, 1567-1575	3.3	7
39	Vitamin D intake, serum 25-hydroxyvitamin D status and response to moderate vitamin D3 supplementation: a randomised controlled trial in East African and Finnish women. <i>British Journal of Nutrition</i> , 2018 , 119, 431-441	3.6	7

38	Preschool Environmental Factors, Parental Socioeconomic Status, and Children's Sedentary Time: An Examination of Cross-Level Interactions. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 16,	4.6	6
37	A History of Cow's Milk Allergy Is Associated with Lower Vitamin D Status in Schoolchildren. <i>Hormone Research in Paediatrics</i> , 2017 , 88, 244-250	3.3	6
36	Reproducibility of Preschool Personnel and Guardian Reports on Energy Balance-Related Behaviors and Their Correlates in Finnish Preschool Children. <i>Children</i> , 2018 , 5,	2.8	6
35	Consumption of healthy foods and associated socio-demographic factors among Russian, Somali and Kurdish immigrants in Finland. <i>Scandinavian Journal of Public Health</i> , 2017 , 45, 277-287	3	5
34	Prevalence and determinants of vitamin D deficiency and insufficiency among three immigrant groups in Finland: evidence from a population-based study using standardised 25-hydroxyvitamin D data. <i>Public Health Nutrition</i> , 2020 , 23, 1254-1265	3.3	5
33	Individual-, home- and preschool-level correlates of preschool children's sedentary time. <i>BMC Pediatrics</i> , 2020 , 20, 58	2.6	5
32	Assisted reproductive technology and risk of asthma and allergy in the offspring: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2016 , 6, e010697	3	5
31	Fruit, Vegetable, and Fibre Intake among Finnish Preschoolers in Relation to Preschool-Level Facilitators and Barriers to Healthy Nutrition. <i>Nutrients</i> , 2019 , 11,	6.7	4
30	Maternal consumption of dairy products during pregnancy and lactation, and the development of cow's milk antibodies in the offspring. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005 , 94, 696-704	3.1	4
29	Characterization and Correction of Bias Due to Nonparticipation and the Degree of Loyalty in Large-Scale Finnish Loyalty Card Data on Grocery Purchases: Cohort Study. <i>Journal of Medical Internet Research</i> , 2020 , 22, e18059	7.6	4
28	The Nordic Nutrition Recommendations 2022 - principles and methodologies. <i>Food and Nutrition Research</i> , 2020 , 64,	3.1	4
27	Association of screen time with long-term stress and temperament in preschoolers: results from the DAGIS study. <i>European Journal of Pediatrics</i> , 2020 , 179, 1805-1812	4.1	3
26	Re placing dietary animal-source proteins with plant-source proteins changes dietary intake and status of vitamins and minerals in healthy adults: a 12-week randomized controlled trial. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	3
25	The Nordic Nutrition Recommendations 2022 - structure and rationale of qualified systematic reviews. <i>Food and Nutrition Research</i> , 2020 , 64,	3.1	3
24	Preschool group practices and preschool children's sedentary time: a cross-sectional study in Finland. <i>BMJ Open</i> , 2019 , 9, e032210	3	3
23	Relationship between screen time and sleep among Finnish preschool children: results from the DAGIS study. <i>Sleep Medicine</i> , 2021 , 77, 75-81	4.6	3
22	Is improvement in the Healthy Food Intake Index (HFII) related to a lower risk for gestational diabetes?. <i>British Journal of Nutrition</i> , 2017 , 117, 1103-1109	3.6	2
21	Alcohol expenditure in grocery stores and their associations with tobacco and food expenditures. <i>BMC Public Health</i> , 2019 , 19, 787	4.1	2

20	Maternal iron supplementation in pregnancy and asthma in the offspring: follow-up of a randomised trial in Finland. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	2
19	The Nordic Nutrition Recommendations 2022 - handbook for qualified systematic reviews. <i>Food and Nutrition Research</i> , 2020 , 64,	3.1	2
18	Sociodemographic differences in motives for food selection: results from the LoCard cross-sectional survey. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 71	8.4	2
17	The Association between Healthy Diet and Burnout Symptoms among Finnish Municipal Employees. <i>Nutrients</i> , 2021 , 13,	6.7	2
16	Neighborhood Socioeconomic Status and Feeding Practices in Finnish preschools. <i>Scandinavian Journal of Public Health</i> , 2019 , 47, 548-556	3	1
15	Periconception endogenous and exogenous maternal sex steroid hormones and risk of asthma and allergy in offspring: protocol for a systematic review and meta-analysis. <i>BMJ Open</i> , 2017 , 7, e014637	3	1
14	Food insecurity among Finnish private service sector workers: validity, prevalence, and determinants.. <i>Public Health Nutrition</i> , 2022 , 1-29	3.3	1
13	A Mobile App to Increase Fruit and Vegetable Acceptance Among Finnish and Polish Preschoolers: Randomized Trial.. <i>JMIR MHealth and UHealth</i> , 2022 , 10, e30352	5.5	1
12	Temperament, physical activity and sedentary time in preschoolers - the DAGIS study. <i>BMC Pediatrics</i> , 2021 , 21, 129	2.6	1
11	Do stressed children have a lot on their plates? A cross-sectional study of long-term stress and diet among Finnish preschoolers. <i>Appetite</i> , 2021 , 157, 104993	4.5	1
10	Are associations between home environment and preschool children's sedentary time influenced by parental educational level in a cross-sectional survey?. <i>International Journal for Equity in Health</i> , 2021 , 20, 27	4.6	1
9	Sustainability analysis of Finnish pre-schoolers' diet based on targets of the EAT-Lancet reference diet. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	1
8	Changes in alcohol purchases from grocery stores after authorising the sale of stronger beverages: The case of the Finnish alcohol legislation reform in 2018. <i>NAD Nordic Studies on Alcohol and Drugs</i> , 145507252210823	11.1	1
7	Do we eat what we buy? Relative validity of grocery purchase data as an indicator of food consumption in the LoCard study. <i>British Journal of Nutrition</i> , 2021 , 1-24	3.6	0
6	Development of the DAGIS intervention study: a preschool-based family-involving study promoting preschoolers' energy balance-related behaviours and self-regulation skills. <i>BMC Public Health</i> , 2019 , 19, 1670	4.1	0
5	Maternal consumption of dairy products during pregnancy and lactation, and the development of cow's milk antibodies in the offspring. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005 , 94, 696-704	3.1	
4	Parental Happiness Associates With the Co-occurrence of Preschool-Aged Children's Healthy Energy Balance-Related Behaviors. <i>Journal of Happiness Studies</i> , 1	3.7	
3	Does temperament make children differently susceptible to their home physical food environment? A cross-sectional DAGIS study on 3-6 year old Finnish children's food consumption. <i>Appetite</i> , 2021 , 161, 105140	4.5	

- 2 Children's Dietary Exposure to Polycyclic Aromatic Hydrocarbons in Finland. *Polycyclic Aromatic Compounds*,1-15 1-3
- 1 Associations between hair and salivary cortisol, salivary alpha-amylase, and temperament dimensions among 3-6-year-olds. *Hormones and Behavior*, **2021**, 135, 105042 3-7