

Maijaliisa Erkkola

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,766
citations

159525

30
h-index

143943

57
g-index

108
all docs

108
docs citations

108
times ranked

4680
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 875-882.	1.4	361
2	Gestational Diabetes Mellitus Can Be Prevented by Lifestyle Intervention: The Finnish Gestational Diabetes Prevention Study (RADIEL). <i>Diabetes Care</i> , 2016, 39, 24-30.	4.3	330
3	Validity and Reproducibility of a Food Frequency Questionnaire for Pregnant Finnish Women. <i>American Journal of Epidemiology</i> , 2001, 154, 466-476.	1.6	194
4	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.	2.2	179
5	Age at the Introduction of Solid Foods During the First Year and Allergic Sensitization at Age 5 Years. <i>Pediatrics</i> , 2010, 125, 50-59.	1.0	158
6	Timing of infant feeding in relation to childhood asthma and allergic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 78-86.	1.5	116
7	Short-term exclusive breastfeeding predisposes young children with increased genetic risk of Type 1 diabetes to progressive beta-cell autoimmunity. <i>Diabetologia</i> , 2001, 44, 63-69.	2.9	112
8	Food consumption and nutrient intake in Finnish 1-6-year-old children. <i>Public Health Nutrition</i> , 2010, 13, 947-956.	1.1	110
9	Maternal diet during pregnancy and allergic sensitization in the offspring by 5 years of age: a prospective cohort study. <i>Pediatric Allergy and Immunology</i> , 2010, 21, 29-37.	1.1	105
10	Food diversity in infancy and the risk of childhood asthma and allergies. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1084-1091.	1.5	104
11	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, 1054.	1.7	89
12	Dietary intake and use of dietary supplements in relation to demographic variables among pregnant Finnish women. <i>British Journal of Nutrition</i> , 2006, 96, 913-920.	1.2	81
13	Dietary fatty acid composition during pregnancy and the risk of asthma in the offspring. <i>Pediatric Allergy and Immunology</i> , 2011, 22, 827-835.	1.1	70
14	Maternal intake of fatty acids during pregnancy and allergies in the offspring. <i>British Journal of Nutrition</i> , 2012, 108, 720-732.	1.2	69
15	Effects of vitamin D ₂ -fortified bread supplementation with vitamin D ₂ or D ₃ 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, 1232-1239.	1.2	69
16	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.	1.2	64
17	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, 186-194.	1.1	61
18	Diet composition of pregnant Finnish women: changes over time and across seasons. <i>Public Health Nutrition</i> , 2010, 13, 939-946.	1.1	58

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19	The Nordic Nutrition Recommendations 2022 – principles and methodologies. Food and Nutrition Research, 2020, 64, .	1.2	58
20	Replacing Animal-Based Proteins with Plant-Based Proteins Changes the Composition of a Whole Nordic Diet – A Randomised Clinical Trial in Healthy Finnish Adults. Nutrients, 2020, 12, 943.	1.7	56
21	Vitamin D status and current policies to achieve adequate vitamin D intake in the Nordic countries. Scandinavian Journal of Public Health, 2021, 49, 616-627.	1.2	52
22	Validation of the Finnish ISAAC questionnaire on asthma against anti-asthmatic medication reimbursement database in 5-year-old children. Clinical Respiratory Journal, 2011, 5, 211-218.	0.6	48
23	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. International Journal of Environmental Research and Public Health, 2018, 15, 2313.	1.2	48
24	Like parent, like child? Dietary resemblance in families. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 62.	2.0	45
25	Vegan diet in young children remodels metabolism and challenges the statuses of essential nutrients. EMBO Molecular Medicine, 2021, 13, e13492.	3.3	43
26	Increased health and well-being in preschools (DAGIS): rationale and design for a randomized controlled trial. BMC Public Health, 2015, 15, 402.	1.2	42
27	An exploratory study of the associations between maternal iron status in pregnancy and childhood wheeze and atopy. British Journal of Nutrition, 2014, 112, 2018-2027.	1.2	41
28	Determinants of breast-feeding in a Finnish birth cohort. Public Health Nutrition, 2010, 13, 504-513.	1.1	40
29	Sociodemographic differences in motives for food selection: results from the LoCard cross-sectional survey. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 71.	2.0	38
30	Finnish Children Healthy Eating Index (FCHEI) and its associations with family and child characteristics in pre-school children. Public Health Nutrition, 2014, 17, 2519-2527.	1.1	37
31	The Nordic Nutrition Recommendations 2022 – prioritisation of topics for de novo systematic reviews. Food and Nutrition Research, 2021, 65, .	1.2	35
32	Partial Replacement of Animal Proteins with Plant Proteins for 12 Weeks Accelerates Bone Turnover Among Healthy Adults: A Randomized Clinical Trial. Journal of Nutrition, 2021, 151, 11-19.	1.3	34
33	Sucrose in the diet of 3-year-old Finnish children: sources, determinants and impact on food and nutrient intake. British Journal of Nutrition, 2009, 101, 1209-1217.	1.2	32
34	Food consumption and nutrient intake in day care and at home in 3-year-old Finnish children. Public Health Nutrition, 2010, 13, 957-964.	1.1	32
35	Large-scale loyalty card data in health research. Digital Health, 2018, 4, 205520761881689.	0.9	31
36	Nutrient intake variability and number of days needed to assess intake in preschool children. British Journal of Nutrition, 2011, 106, 130-140.	1.2	30

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37	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, 1317-1322.	1.3	28
38	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.	1.1	27
39	Food photographs in portion size estimation among adolescent Mozambican girls. <i>Public Health Nutrition</i> , 2013, 16, 1558-1564.	1.1	26
40	Parents' Reports of Preschoolers' Diets: Relative Validity of a Food Frequency Questionnaire and Dietary Patterns. <i>Nutrients</i> , 2019, 11, 159.	1.7	26
41	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.	1.2	26
42	The Contribution of Preschool Meals to the Diet of Finnish Preschoolers. <i>Nutrients</i> , 2019, 11, 1531.	1.7	24
43	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.	0.7	22
44	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.	1.2	20
45	Nutrient intake of pregnant women at high risk of gestational diabetes. <i>Food and Nutrition Research</i> , 2015, 59, 26676.	1.2	19
46	Preschool children's context-specific sedentary behaviours and parental socioeconomic status in Finland: a cross-sectional study. <i>BMJ Open</i> , 2017, 7, e016690.	0.8	19
47	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.	2.1	19
48	Healthy Food Intake Index (HFII) – Validity and reproducibility in a gestational-diabetes-risk population. <i>BMC Public Health</i> , 2016, 16, 680.	1.2	18
49	Children's physical activity and the preschool physical environment: The moderating role of gender. <i>Early Childhood Research Quarterly</i> , 2019, 47, 39-48.	1.6	18
50	Associations of dietary diversity scores and micronutrient status in adolescent Mozambican girls. <i>European Journal of Nutrition</i> , 2017, 56, 1179-1189.	1.8	17
51	Relationship between screen time and sleep among Finnish preschool children: results from the DAGIS study. <i>Sleep Medicine</i> , 2021, 77, 75-81.	0.8	17
52	The Nordic Nutrition Recommendations 2022 – structure and rationale of qualified systematic reviews. <i>Food and Nutrition Research</i> , 2020, 64, .	1.2	16
53	The Nordic Nutrition Recommendations 2022 – handbook for qualified systematic reviews. <i>Food and Nutrition Research</i> , 2020, 64, .	1.2	16
54	Replacing 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> , 2022, 61, 1391-1404.	1.8	16

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55	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, 1453-1460.	2.7	15
56	Reproducibility of Preschool Personnel and Guardian Reports on Energy Balance-Related Behaviors and Their Correlates in Finnish Preschool Children. <i>Children</i> , 2018, 5, 144.	0.6	14
57	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.	1.8	14
58	A slow road from meat dominance to more sustainable diets: An analysis of purchase preferences among Finnish loyalty-card holders. , 2022, 1, e0000015.		14
59	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, 1100-1107.	1.2	13
60	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> , 2019, 16, 46.	1.2	13
61	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.	1.3	13
62	Maternal diet during lactation and allergic sensitization in the offspring at age of 5. <i>Pediatric Allergy and Immunology</i> , 2011, 22, 334-341.	1.1	12
63	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.	1.1	12
64	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> , 2022, 128, 1780-1788.	1.2	12
65	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.	1.1	11
66	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.	0.8	11
67	Effects of the Preschool-Based Family-Involving DAGIS Intervention Program on Children's Energy Balance-Related Behaviors and Self-Regulation Skills: A Clustered Randomized Controlled Trial. <i>Nutrients</i> , 2020, 12, 2599.	1.7	11
68	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.	1.1	11
69	The Association between Healthy Diet and Burnout Symptoms among Finnish Municipal Employees. <i>Nutrients</i> , 2021, 13, 2393.	1.7	11
70	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.	1.2	10
71	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.	1.2	10
72	Alcohol expenditure in grocery stores and their associations with tobacco and food expenditures. <i>BMC Public Health</i> , 2019, 19, 787.	1.2	10

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73	Sustainability analysis of Finnish pre-schoolersâ€™ diet based on targets of the EAT-Lancet reference diet. <i>European Journal of Nutrition</i> , 2022, 61, 717-728.	1.8	10
74	Development of the DAGIS intervention study: a preschool-based family-involving study promoting preschoolersâ€™ energy balance-related behaviours and self-regulation skills. <i>BMC Public Health</i> , 2019, 19, 1670.	1.2	9
75	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, 1902335.	3.1	8
76	Food insecurity among Finnish private service sector workers: validity, prevalence and determinants. <i>Public Health Nutrition</i> , 2022, 25, 829-840.	1.1	8
77	Individual-, home- and preschool-level correlates of preschool childrenâ€™s sedentary time. <i>BMC Pediatrics</i> , 2020, 20, 58.	0.7	7
78	Fruit, Vegetable, and Fibre Intake among Finnish Preschoolers in Relation to Preschool-Level Facilitators and Barriers to Healthy Nutrition. <i>Nutrients</i> , 2019, 11, 1458.	1.7	6
79	Preschool group practices and preschool childrenâ€™s sedentary time: a cross-sectional study in Finland. <i>BMJ Open</i> , 2019, 9, e032210.	0.8	6
80	Are associations between home environment and preschool childrenâ€™s sedentary time influenced by parental educational level in a cross-sectional survey?. <i>International Journal for Equity in Health</i> , 2021, 20, 27.	1.5	6
81	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.	0.8	5
82	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.	0.7	4
83	Neighborhood Socioeconomic Status and Feeding Practices in Finnish preschools. <i>Scandinavian Journal of Public Health</i> , 2019, 47, 548-556.	1.2	4
84	Temperament, physical activity and sedentary time in preschoolers â€“ the DAGIS study. <i>BMC Pediatrics</i> , 2021, 21, 129.	0.7	4
85	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.	1.8	4
86	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> , 2022, 39, 589-604.	0.7	4
87	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.	1.2	3
88	Associations between Parentâ€™Child Nature Visits and Sleep, Physical Activity and Weight Status among Finnish 3â€“6-Year-Olds. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12426.	1.2	3
89	The Relationship between Dietary Habits and Work Engagement among Female Finnish Municipal Employees. <i>Nutrients</i> , 2022, 14, 1267.	1.7	3
90	Effects of the Preschool-Based Family-Involving DAGIS Intervention on Family Environment: A Cluster Randomised Trial. <i>Nutrients</i> , 2020, 12, 3387.	1.7	2

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91	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.	1.8	2
92	Parental Happiness Associates With the Co-occurrence of Preschool-Aged Children's Healthy Energy Balance-Related Behaviors. <i>Journal of Happiness Studies</i> , 2022, 23, 1493-1507.	1.9	2
93	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.	0.8	1
94	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.	1.8	1
95	Visual Food Diary for Social Support, Dietary Changes and Weight Loss. <i>Iproceedings</i> , 2016, 2, e38.	0.1	1
96	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.	0.7	0
97	Developing a mobile application to increase pre-schoolers' vegetable acceptance and self-regulation skills - The "Mole Minds Veggies" game. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
98	Preschool meals as a source of nutrients for 3-6-year-old Finnish preschoolers. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
99	Main sources and parental educational level differences in intake of vitamin D in Finnish preschool children. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
100	Children's Dietary Exposure to Polycyclic Aromatic Hydrocarbons in Finland. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-15.	1.4	0
101	Associations between hair and salivary cortisol, salivary alpha-amylase, and temperament dimensions among 3-6-year-olds. <i>Hormones and Behavior</i> , 2021, 135, 105042.	1.0	0
102	Perheen tulojen ja koetun toimeentulon yhteys lapsen ruokavalioon. <i>Sosiaalilaaketieteellinen Aikakauslehti</i> , 2022, 59, .	0.0	0
103	Eriarvoisuus lautasella. <i>Sosiaalilaaketieteellinen Aikakauslehti</i> , 2022, 59, .	0.0	0