

# Patrick Kolsteren

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

4,446  
citations

201385

27  
h-index

114278

63  
g-index

87  
all docs

87  
docs citations

87  
times ranked

6626  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mortality risk in preterm and small-for-gestational-age infants in low-income and middle-income countries: a pooled country analysis. <i>Lancet</i> , The, 2013, 382, 417-425.	6.3	637
2	National and regional estimates of term and preterm babies born small for gestational age in 138 low-income and middle-income countries in 2010. <i>The Lancet Global Health</i> , 2013, 1, e26-e36.	2.9	577
3	Risk of childhood undernutrition related to small-for-gestational age and preterm birth in low- and middle-income countries. <i>International Journal of Epidemiology</i> , 2013, 42, 1340-1355.	0.9	413
4	Strengthening the Reporting of Observational Studies in Epidemiologyâ€”Nutritional Epidemiology (STROBE-nut): An Extension of the STROBE Statement. <i>PLoS Medicine</i> , 2016, 13, e1002036.	3.9	274
5	Estimates of burden and consequences of infants born small for gestational age in low and middle income countries with INTERGROWTH-21<sup>st</sup> standard: analysis of CHERGÄdatasets. <i>BMJ: British Medical Journal</i> , 2017, 358, j3677.	2.4	258
6	Modifiers of the effect of maternal multiple micronutrient supplementation on stillbirth, birth outcomes, and infant mortality: a meta-analysis of individual patient data from 17 randomised trials in low-income and middle-income countries. <i>The Lancet Global Health</i> , 2017, 5, e1090-e1100.	2.9	162
7	Dietary species richness as a measure of food biodiversity and nutritional quality of diets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 127-132.	3.3	147
8	Short Maternal Stature Increases Risk of Small-for-Gestational-Age and Preterm Births in Low- and Middle-Income Countries: Individual Participant Data Meta-Analysis and Population Attributable Fraction. <i>Journal of Nutrition</i> , 2015, 145, 2542-2550.	1.3	126
9	Prenatal food supplementation fortified with multiple micronutrients increases birth length: a randomized controlled trial in rural Burkina Faso. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1593-1600.	2.2	120
10	Effects of maternal multiple micronutrient supplementation on fetal growth: a double-blind randomized controlled trial in rural Burkina Faso. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 1330-40.	2.2	115
11	Household dietary diversity and Animal Source Food consumption in Ethiopia: evidence from the 2011 Welfare Monitoring Survey. <i>BMC Public Health</i> , 2016, 16, 1192.	1.2	90
12	A Biodiverse Rich Environment Does Not Contribute to a Better Diet: A Case Study from DR Congo. <i>PLoS ONE</i> , 2012, 7, e30533.	1.1	70
13	A Systematic Review on the Contributions of Edible Plant and Animal Biodiversity to Human Diets. <i>EcoHealth</i> , 2011, 8, 381-399.	0.9	63
14	A Conceptual Framework for Healthy Eating Behavior in Ecuadorian Adolescents: A Qualitative Study. <i>PLoS ONE</i> , 2014, 9, e87183.	1.1	57
15	Exposure assessment of Malondialdehyde, 4-Hydroxy-2-(E)-Nonenal and 4-Hydroxy-2-(E)-Hexenal through specific foods available in Belgium. <i>Food and Chemical Toxicology</i> , 2014, 73, 51-58.	1.8	54
16	Risk of dietary exposure to aflatoxins and fumonisins in infants less than 6 months of age in <sc>R</sc>ombo, <sc>N</sc>orthern <sc>T</sc>anzania. <i>Maternal and Child Nutrition</i> , 2016, 12, 516-527.	1.4	54
17	Treating moderate acute malnutrition in first-line health services: an effectiveness cluster-randomized trial in Burkina Faso. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 241-249.	2.2	50
18	Sensitivity to reward is associated with snack and sugar-sweetened beverage consumption in adolescents. <i>European Journal of Nutrition</i> , 2016, 55, 1623-1632.	1.8	45

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19	Effectiveness of facility-based personalized maternal nutrition counseling in improving child growth and morbidity up to 18 months: A cluster-randomized controlled trial in rural Burkina Faso. PLoS ONE, 2017, 12, e0177839.	1.1	45
20	Perspective: An Extension of the STROBE Statement for Observational Studies in Nutritional Epidemiology (STROBE-nut): Explanation and Elaboration. Advances in Nutrition, 2017, 8, 652-678.	2.9	44
21	Household food insecurity and mental distress among pregnant women in Southwestern Ethiopia: a cross sectional study design. BMC Pregnancy and Childbirth, 2015, 15, 250.	0.9	43
22	Dietary intake practices associated with cardiovascular risk in urban and rural Ecuadorian adolescents: a cross-sectional study. BMC Public Health, 2014, 14, 939.	1.2	39
23	Risk of Exposure to Multiple Mycotoxins from Maize-Based Complementary Foods in Tanzania. Journal of Agricultural and Food Chemistry, 2017, 65, 7106-7114.	2.4	37
24	Food Insecurity and Common Mental Disorders among Ethiopian Youth: Structural Equation Modeling. PLoS ONE, 2016, 11, e0165931.	1.1	37
25	Fumonisin B1 contamination in breast milk and its exposure in infants under 6 months of age in Rombo, Northern Tanzania. Food and Chemical Toxicology, 2014, 74, 112-116.	1.8	32
26	Dietary mycotoxins exposure and child growth, immune system, morbidity, and mortality: a systematic literature review. Critical Reviews in Food Science and Nutrition, 2020, 60, 3321-3341.	5.4	32
27	A school-based intervention improved dietary intake outcomes and reduced waist circumference in adolescents: a cluster randomized controlled trial. Nutrition Journal, 2017, 16, 79.	1.5	31
28	A randomized, double-blind, placebo-controlled clinical trial of vitamin A in Mozambican children hospitalized with nonmeasles acute lower respiratory tract infections. Tropical Medicine and International Health, 1999, 4, 794-800.	1.0	30
29	Individual and Environmental Factors Influencing Adolescents' Dietary Behavior in Low- and Middle-Income Settings. PLoS ONE, 2016, 11, e0157744.	1.1	29
30	The relationship of undernutrition/psychosocial factors and developmental outcomes of children in extreme poverty in Ethiopia. BMC Pediatrics, 2018, 18, 45.	0.7	28
31	Unconditional Cash Transfers Do Not Prevent Children's Undernutrition in the Moderate Acute Malnutrition Out (MAM-Out) Cluster-Randomized Controlled Trial in Rural Burkina Faso. Journal of Nutrition, 2017, 147, 1410-1417.	1.3	27
32	Burden and determinants of undernutrition among young pregnant women in Ethiopia. Maternal and Child Nutrition, 2019, 15, e12751.	1.4	27
33	Use of Fitness and Nutrition Apps: Associations With Body Mass Index, Snacking, and Drinking Habits in Adolescents. JMIR MHealth and UHealth, 2017, 5, e58.	1.8	25
34	School-based intervention on healthy behaviour among Ecuadorian adolescents: effect of a cluster-randomized controlled trial on screen-time. BMC Public Health, 2015, 15, 942.	1.2	24
35	Barriers to Eating Traditional Foods Vary by Age Group in Ecuador With Biodiversity Loss as a Key Issue. Journal of Nutrition Education and Behavior, 2016, 48, 258-268.e1.	0.3	24
36	Unconditional Seasonal Cash Transfer Increases Intake of High-Nutritional-Value Foods in Young Burkinabe Children: Results of 24-Hour Dietary Recall Surveys within the Moderate Acute Malnutrition Out (MAM-Out) Randomized Controlled Trial. Journal of Nutrition, 2017, 147, 1418-1425.	1.3	24

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37	African stakeholders'™ views of research options to improve nutritional status in sub-Saharan Africa. <i>Health Policy and Planning</i> , 2015, 30, 863-874.	1.0	23
38	Developing a Sustainable Nutrition Research Agenda in Sub-Saharan Africa'™ Findings from the SUNRAY Project. <i>PLoS Medicine</i> , 2014, 11, e1001593.	3.9	22
39	Risk of DDT residue in maize consumed by infants as complementary diet in southwest Ethiopia. <i>Science of the Total Environment</i> , 2015, 511, 454-460.	3.9	22
40	Effects of home-based play-assisted stimulation on developmental performances of children living in extreme poverty: a randomized single-blind controlled trial. <i>BMC Pediatrics</i> , 2018, 18, 29.	0.7	22
41	Drivers of Under-Five Stunting Trend in 14 Low- and Middle-Income Countries since the Turn of the Millennium: A Multilevel Pooled Analysis of 50 Demographic and Health Surveys. <i>Nutrients</i> , 2019, 11, 2485.	1.7	22
42	Feasibility and impact study of a reward-based mobile application to improve adolescents'™ snacking habits. <i>Public Health Nutrition</i> , 2018, 21, 2329-2344.	1.1	20
43	An Ontology to Standardize Research Output of Nutritional Epidemiology: From Paper-Based Standards to Linked Content. <i>Nutrients</i> , 2019, 11, 1300.	1.7	20
44	Hipovitaminose A em pr'™-escolares de creches p'™blicas do Recife: indicadores bioqu'™mico e diet'™tico. <i>Revista De Nutricao</i> , 2005, 18, 471-480.	0.4	20
45	Adaptation and standardization of a Western tool for assessing child development in non-Western low-income context. <i>BMC Public Health</i> , 2016, 16, 652.	1.2	19
46	Exposure of infants to organochlorine pesticides from breast milk consumption in southwestern Ethiopia. <i>Scientific Reports</i> , 2021, 11, 22053.	1.6	18
47	The effect of food insecurity on health status of adolescents in Ethiopia: longitudinal study. <i>BMC Public Health</i> , 2017, 17, 465.	1.2	17
48	Dietary diversity predicts dietary quality regardless of season in 6'™-12-month-old infants in south-west Ethiopia. <i>Public Health Nutrition</i> , 2016, 19, 2485-2494.	1.1	15
49	Infant and young child feeding practices and child linear growth in Nepal: Regression'™ decomposition analysis of national survey data, 1996'™2016. <i>Maternal and Child Nutrition</i> , 2022, 18, e12911.	1.4	15
50	The MAM'™Out project: a randomized controlled trial to assess multiannual and seasonal cash transfers for the prevention of acute malnutrition in children under 36'™months in Burkina Faso. <i>BMC Public Health</i> , 2015, 15, 762.	1.2	13
51	Effects of n'™3 long-chain PUFA supplementation to lactating mothers and their breastfed children on child growth and morbidity: a 2'™2 factorial randomized controlled trial in rural Ethiopia. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 454-464.	2.2	13
52	Effect of play-based family-centered psychomotor/psychosocial stimulation on the development of severely acutely malnourished children under six in a low-income setting: a randomized controlled trial. <i>BMC Pediatrics</i> , 2019, 19, 336.	0.7	13
53	Effect of balanced energy-protein supplementation during pregnancy and lactation on birth outcomes and infant growth in rural Burkina Faso: study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e038393.	0.8	13
54	Home consumption of two fortified balanced energy protein supplements by pregnant women in Burkina Faso. <i>Maternal and Child Nutrition</i> , 2021, 17, e13134.	1.4	13

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55	Prenatal fortified balanced energy-protein supplementation and birth outcomes in rural Burkina Faso: A randomized controlled efficacy trial. <i>PLoS Medicine</i> , 2022, 19, e1004002.	3.9	13
56	Perspective: Essential Study Quality Descriptors for Data from Nutritional Epidemiologic Research. <i>Advances in Nutrition</i> , 2017, 8, 639-651.	2.9	12
57	Acceptability of 12 fortified balanced energy protein supplements – Insights from Burkina Faso. <i>Maternal and Child Nutrition</i> , 2021, 17, e13067.	1.4	12
58	Maternal nutritional status mediates the association between maternal age and birth outcomes. <i>Maternal and Child Nutrition</i> , 2020, 16, e13015.	1.4	11
59	Fortified Balanced Energy-Protein Supplements Increase Nutrient Adequacy without Displacing Food Intake in Pregnant Women in Rural Burkina Faso. <i>Journal of Nutrition</i> , 2021, 151, 3831-3840.	1.3	11
60	A decade of nutrition research in Africa: assessment of the evidence base and academic collaboration. <i>Public Health Nutrition</i> , 2015, 18, 1890-1897.	1.1	10
61	Evidence-informed decision making for nutrition: African experiences and way forward. <i>Proceedings of the Nutrition Society</i> , 2017, 76, 589-596.	0.4	10
62	Developmental performance of hospitalized severely acutely malnourished under-six children in low-income setting. <i>BMC Pediatrics</i> , 2017, 17, 197.	0.7	10
63	Development, Social-Emotional Behavior and Resilience of Orphaned Children in a Family-Oriented Setting. <i>Journal of Child and Family Studies</i> , 2018, 27, 465-474.	0.7	10
64	A probiotic-enhanced lipid-based nutrient supplement (LNSp) increases <i>Bifidobacterium</i> relative abundance and enhances short-chain fatty acid production in simulated colonic microbiota from undernourished infants. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	10
65	Multiple mycotoxin exposure during pregnancy and risks of adverse birth outcomes: a prospective cohort study in rural Ethiopia. <i>Environment International</i> , 2022, 160, 107052.	4.8	10
66	Beneficiaries'™ perceptions and reported use of unconditional cash transfers intended to prevent acute malnutrition in children in poor rural communities in Burkina Faso: qualitative results from the MAM'™Out randomized controlled trial. <i>BMC Public Health</i> , 2017, 17, 527.	1.2	9
67	Neither '™3 Long-Chain PUFA Supplementation of Mothers through Lactation nor of Offspring in a Complementary Food Affects Child Overall or Social-Emotional Development: A 2'™2 Factorial Randomized Controlled Trial in Rural Ethiopia. <i>Journal of Nutrition</i> , 2019, 149, 505-512.	1.3	9
68	Weaning and stunting affect nitrogen and carbon stable isotope natural abundances in the hair of young children. <i>Scientific Reports</i> , 2020, 10, 2522.	1.6	9
69	Landscape Analysis of Nutrition-sensitive Agriculture Policy Development in Senegal. <i>Food and Nutrition Bulletin</i> , 2015, 36, 154-166.	0.5	8
70	Two years of school-based intervention program could improve the physical fitness among Ecuadorian adolescents at health risk: subgroups analysis from a cluster-randomized trial. <i>BMC Pediatrics</i> , 2016, 16, 51.	0.7	8
71	Feeding practices and growth among young children during two seasons in rural Ethiopia. <i>BMC Nutrition</i> , 2017, 3, 39.	0.6	8
72	Adolescent pregnancy and linear growth of infants: a birth cohort study in rural Ethiopia. <i>Nutrition Journal</i> , 2019, 18, 22.	1.5	8

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73	Seasonality and Day-to-Day Variability of Dietary Diversity: Longitudinal Study of Pregnant Women Enrolled in a Randomized Controlled Efficacy Trial in Rural Burkina Faso. <i>Journal of Nutrition</i> , 2022, 152, 2145-2154.	1.3	8
74	Clinical and Biochemical Markers of Risk in Uncomplicated Severe Acute Malnutrition. <i>Pediatrics</i> , 2021, 147, .	1.0	7
75	Perspective: Consideration of Values When Setting Priorities in Nutrition Research: Guidance for Transparency. <i>Advances in Nutrition</i> , 2018, 9, 671-687.	2.9	6
76	Elucidating the sustained decline in under-three child linear growth faltering in Nepal, 1996–2016. <i>Maternal and Child Nutrition</i> , 2020, , e12982.	1.4	6
77	Effect of fish-oil supplementation on breastmilk long-chain polyunsaturated fatty acid concentration: a randomized controlled trial in rural Ethiopia. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 809-816.	1.3	6
78	Reliability of Mid-Upper Arm Circumference Measurements taken by Community Health Nurses. <i>Current Research in Nutrition and Food Science</i> , 2015, 3, 26-35.	0.3	6
79	Parameters of evaluation of zinc nutritional status: comparison between zinc hair rates and serum alkaline phosphatase in pre-scholars of the Municipality of João Pessoa, Paraíba. <i>Revista Brasileira De Saude Materno Infantil</i> , 2002, 2, 275-282.	0.2	6
80	Usefulness of applying research reporting guidelines as Writing Aid software: a crossover randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e030943.	0.8	4
81	Effects of multiannual, seasonal unconditional cash transfers on food security and dietary diversity in rural Burkina Faso: the Moderate Acute Malnutrition Out (MAM™Out) cluster-randomized controlled trial. <i>Public Health Nutrition</i> , 2019, 22, 1089-1099.	1.1	3
82	Let poor countries into rich research. <i>Nature</i> , 2014, 515, 198-198.	13.7	2
83	Uptake and impact of priority setting exercises in nutrition research publications. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 198-208.	1.3	2
84	Associations of dietary glycemic index and glycemic load with glucose intolerance in Iranian adults. <i>International Journal of Diabetes in Developing Countries</i> , 2014, 34, 89-94.	0.3	1
85	Adding a reward increases the reinforcing value of fruit. <i>British Journal of Nutrition</i> , 2017, 117, 611-620.	1.2	1
86	Development of a school-based intervention to improve the daily diet of adolescents in urban Benin. <i>Afrika Focus</i> , 2012, 25, 88-90.	0.1	0