

# Patrick Kolsteren

## List of Publications by Year in Descending Order

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**Version:** 2024-04-24

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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.

85  
papers

2,924  
citations

23  
h-index

53  
g-index

87  
ext. papers

3,707  
ext. citations

5.6  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
85	Prenatal fortified balanced energy-Protein supplementation and birth outcomes in rural Burkina Faso: A randomized controlled efficacy trial.. <i>PLoS Medicine</i> , <b>2022</b> , 19, e1004002	11.6	0
84	Exposure of infants to organochlorine pesticides from breast milk consumption in southwestern Ethiopia. <i>Scientific Reports</i> , <b>2021</b> , 11, 22053	4.9	1
83	Multiple mycotoxin exposure during pregnancy and risks of adverse birth outcomes: a prospective cohort study in rural Ethiopia.. <i>Environment International</i> , <b>2021</b> , 160, 107052	12.9	1
82	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> , <b>2021</b> , 11, e038393	3	4
81	Clinical and Biochemical Markers of Risk in Uncomplicated Severe Acute Malnutrition. <i>Pediatrics</i> , <b>2021</b> , 147,	7.4	2
80	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> , <b>2021</b> , 75, 809-816	5.2	3
79	Acceptability of 12 fortified balanced energy protein supplements - Insights from Burkina Faso. <i>Maternal and Child Nutrition</i> , <b>2021</b> , 17, e13067	3.4	7
78	Uptake and impact of priority setting exercises in nutrition research publications. <i>European Journal of Clinical Nutrition</i> , <b>2021</b> , 75, 198-208	5.2	0
77	Fortified Balanced Energy-Protein Supplements Increase Nutrient Adequacy without Displacing Food Intake in Pregnant Women in Rural Burkina Faso. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 3831-3840	4.1	1
76	Home consumption of two fortified balanced energy protein supplements by pregnant women in Burkina Faso. <i>Maternal and Child Nutrition</i> , <b>2021</b> , 17, e13134	3.4	5
75	A prebiotic-enhanced lipid-based nutrient supplement (LNSp) increases Bifidobacterium relative abundance and enhances short-chain fatty acid production in simulated colonic microbiota from undernourished infants. <i>FEMS Microbiology Ecology</i> , <b>2020</b> , 96,	4.3	2
74	Elucidating the sustained decline in under-three child linear growth faltering in Nepal, 1996-2016. <i>Maternal and Child Nutrition</i> , <b>2020</b> , e12982	3.4	4
73	Weaning and stunting affect nitrogen and carbon stable isotope natural abundances in the hair of young children. <i>Scientific Reports</i> , <b>2020</b> , 10, 2522	4.9	3
72	Maternal nutritional status mediates the association between maternal age and birth outcomes. <i>Maternal and Child Nutrition</i> , <b>2020</b> , 16, e13015	3.4	3
71	Dietary mycotoxins exposure and child growth, immune system, morbidity, and mortality: a systematic literature review. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2020</b> , 60, 3321-3341	11.5	22
70	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> , <b>2020</b> , e12911	3.4	7
69	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> , <b>2019</b> , 19, 336	2.6	6

68	An Ontology to Standardize Research Output of Nutritional Epidemiology: From Paper-Based Standards to Linked Content. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	14
67	Adolescent pregnancy and linear growth of infants: a birth cohort study in rural Ethiopia. <i>Nutrition Journal</i> , <b>2019</b> , 18, 22	4.3	6
66	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> , <b>2019</b> , 11,	6.7	14
65	Usefulness of applying research reporting guidelines as Writing Aid software: a crossover randomised controlled trial. <i>BMJ Open</i> , <b>2019</b> , 9, e030943	3	1
64	Effects of multiannual, seasonal unconditional cash transfers on food security and dietary diversity in rural Burkina Faso: the Moderate Acute Malnutrition Out (MAMOut) cluster-randomized controlled trial. <i>Public Health Nutrition</i> , <b>2019</b> , 22, 1089-1099	3.3	0
63	Neither n-3 Long-Chain PUFA Supplementation of Mothers through Lactation nor of Offspring in a Complementary Food Affects Child Overall or Social-Emotional Development: A 2x2 Factorial Randomized Controlled Trial in Rural Ethiopia. <i>Journal of Nutrition</i> , <b>2019</b> , 149, 505-512	4.1	8
62	Burden and determinants of undernutrition among young pregnant women in Ethiopia. <i>Maternal and Child Nutrition</i> , <b>2019</b> , 15, e12751	3.4	14
61	Feasibility and impact study of a reward-based mobile application to improve adolescents snacking habits. <i>Public Health Nutrition</i> , <b>2018</b> , 21, 2329-2344	3.3	14
60	Development, Social-Emotional Behavior and Resilience of Orphaned Children in a Family-Oriented Setting. <i>Journal of Child and Family Studies</i> , <b>2018</b> , 27, 465-474	2.3	4
59	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> , <b>2018</b> , 115, 127-132	11.5	86
58	Effects of n-3 long-chain PUFA supplementation to lactating mothers and their breastfed children on child growth and morbidity: a 2x2 factorial randomized controlled trial in rural Ethiopia. <i>American Journal of Clinical Nutrition</i> , <b>2018</b> , 107, 454-464	7	7
57	The relationship of undernutrition/psychosocial factors and developmental outcomes of children in extreme poverty in Ethiopia. <i>BMC Pediatrics</i> , <b>2018</b> , 18, 45	2.6	16
56	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> , <b>2018</b> , 18, 29	2.6	9
55	Perspective: Consideration of Values When Setting Priorities in Nutrition Research: Guidance for Transparency. <i>Advances in Nutrition</i> , <b>2018</b> , 9, 671-687	10	3
54	Adding a reward increases the reinforcing value of fruit. <i>British Journal of Nutrition</i> , <b>2017</b> , 117, 611-620	3.6	0
53	Unconditional Cash Transfers Do Not Prevent Children's Undernutrition in the Moderate Acute Malnutrition Out (MAMOut) Cluster-Randomized Controlled Trial in Rural Burkina Faso. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 1410-1417	4.1	19
52	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 (MAMOut) Randomized Controlled Trial. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 1418-1425	4.1	18
51	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> , <b>2017</b> , 5, e1090-e1100	13.6	119

50	A school-based intervention improved dietary intake outcomes and reduced waist circumference in adolescents: a cluster randomized controlled trial. <i>Nutrition Journal</i> , <b>2017</b> , 16, 79	4.3	11
49	Perspective: Essential Study Quality Descriptors for Data from Nutritional Epidemiologic Research. <i>Advances in Nutrition</i> , <b>2017</b> , 8, 639-651	10	10
48	Perspective: An Extension of the STROBE Statement for Observational Studies in Nutritional Epidemiology (STROBE-nut): Explanation and Elaboration. <i>Advances in Nutrition</i> , <b>2017</b> , 8, 652-678	10	28
47	Evidence-informed decision making for nutrition: African experiences and way forward. <i>Proceedings of the Nutrition Society</i> , <b>2017</b> , 76, 589-596	2.9	6
46	The effect of food insecurity on health status of adolescents in Ethiopia: longitudinal study. <i>BMC Public Health</i> , <b>2017</b> , 17, 465	4.1	9
45	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 MAMOut randomized controlled trial. <i>BMC Public Health</i> , <b>2017</b> , 17, 527	4.1	7
44	Feeding practices and growth among young children during two seasons in rural Ethiopia. <i>BMC Nutrition</i> , <b>2017</b> , 3, 39	2.5	6
43	Risk of Exposure to Multiple Mycotoxins from Maize-Based Complementary Foods in Tanzania. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 7106-7114	5.7	28
42	Developmental performance of hospitalized severely acutely malnourished under-six children in low-income setting. <i>BMC Pediatrics</i> , <b>2017</b> , 17, 197	2.6	4
41	Estimates of burden and consequences of infants born small for gestational age in low and middle income countries with INTERGROWTH-21 standard: analysis of CHERG datasets. <i>BMJ, The</i> , <b>2017</b> , 358, j3677	5.9	145
40	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. <i>PLoS ONE</i> , <b>2017</b> , 12, e0177839	3.7	27
39	Use of Fitness and Nutrition Apps: Associations With Body Mass Index, Snacking, and Drinking Habits in Adolescents. <i>JMIR MHealth and UHealth</i> , <b>2017</b> , 5, e58	5.5	16
38	Adaptation and standardization of a Western tool for assessing child development in non-Western low-income context. <i>BMC Public Health</i> , <b>2016</b> , 16, 652	4.1	12
37	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> , <b>2016</b> , 16, 51	2.6	8
36	Barriers to Eating Traditional Foods Vary by Age Group in Ecuador With Biodiversity Loss as a Key Issue. <i>Journal of Nutrition Education and Behavior</i> , <b>2016</b> , 48, 258-68.e1	2	10
35	Sensitivity to reward is associated with snack and sugar-sweetened beverage consumption in adolescents. <i>European Journal of Nutrition</i> , <b>2016</b> , 55, 1623-32	5.2	34
34	Strengthening the Reporting of Observational Studies in Epidemiology-Nutritional Epidemiology (STROBE-nut): An Extension of the STROBE Statement. <i>PLoS Medicine</i> , <b>2016</b> , 13, e1002036	11.6	150
33	Food Insecurity and Common Mental Disorders among Ethiopian Youth: Structural Equation Modeling. <i>PLoS ONE</i> , <b>2016</b> , 11, e0165931	3.7	19

32	Individual and Environmental Factors Influencing Adolescents' Dietary Behavior in Low- and Middle-Income Settings. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157744	3.7	18
31	Risk of dietary exposure to aflatoxins and fumonisins in infants less than 6 months of age in Rombo, Northern Tanzania. <i>Maternal and Child Nutrition</i> , <b>2016</b> , 12, 516-27	3.4	41
30	Dietary diversity predicts dietary quality regardless of season in 6-12-month-old infants in south-west Ethiopia. <i>Public Health Nutrition</i> , <b>2016</b> , 19, 2485-94	3.3	12
29	Household dietary diversity and Animal Source Food consumption in Ethiopia: evidence from the 2011 Welfare Monitoring Survey. <i>BMC Public Health</i> , <b>2016</b> , 16, 1192	4.1	47
28	A decade of nutrition research in Africa: assessment of the evidence base and academic collaboration. <i>Public Health Nutrition</i> , <b>2015</b> , 18, 1890-7	3.3	10
27	The MAMOut 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> , <b>2015</b> , 15, 762	4.1	10
26	School-based intervention on healthy behaviour among Ecuadorian adolescents: effect of a cluster-randomized controlled trial on screen-time. <i>BMC Public Health</i> , <b>2015</b> , 15, 942	4.1	16
25	Landscape Analysis of Nutrition-sensitive Agriculture Policy Development in Senegal. <i>Food and Nutrition Bulletin</i> , <b>2015</b> , 36, 154-66	1.8	4
24	Household food insecurity and mental distress among pregnant women in Southwestern Ethiopia: a cross sectional study design. <i>BMC Pregnancy and Childbirth</i> , <b>2015</b> , 15, 250	3.2	33
23	African stakeholders' views of research options to improve nutritional status in sub-Saharan Africa. <i>Health Policy and Planning</i> , <b>2015</b> , 30, 863-74	3.4	19
22	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> , <b>2015</b> , 145, 2542-50	4.1	81
21	Risk of DDT residue in maize consumed by infants as complementary diet in southwest Ethiopia. <i>Science of the Total Environment</i> , <b>2015</b> , 511, 454-60	10.2	17
20	Reliability of Mid-Upper Arm Circumference Measurements taken by Community Health Nurses. <i>Current Research in Nutrition and Food Science</i> , <b>2015</b> , 3, 26-35	1.1	5
19	Associations of dietary glycemic index and glycemic load with glucose intolerance in Iranian adults. <i>International Journal of Diabetes in Developing Countries</i> , <b>2014</b> , 34, 89-94	0.8	1
18	Scientific collaboration: let poor countries into rich research. <i>Nature</i> , <b>2014</b> , 515, 198	50.4	2
17	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> , <b>2014</b> , 73, 51-8	4.7	39
16	Fumonisin B1 contamination in breast milk and its exposure in infants under 6 months of age in Rombo, Northern Tanzania. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 74, 112-6	4.7	23
15	A conceptual framework for healthy eating behavior in Ecuadorian adolescents: a qualitative study. <i>PLoS ONE</i> , <b>2014</b> , 9, e87183	3.7	38

14	Developing a sustainable nutrition research agenda in sub-Saharan Africa--findings from the SUNRAY project. <i>PLoS Medicine</i> , <b>2014</b> , 11, e1001593	11.6	19
13	Dietary intake practices associated with cardiovascular risk in urban and rural Ecuadorian adolescents: a cross-sectional study. <i>BMC Public Health</i> , <b>2014</b> , 14, 939	4.1	28
12	Treating moderate acute malnutrition in first-line health services: an effectiveness cluster-randomized trial in Burkina Faso. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 100, 241-9	7	40
11	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> , <b>2013</b> , 1, e26-36	13.6	404
10	Mortality risk in preterm and small-for-gestational-age infants in low-income and middle-income countries: a pooled country analysis. <i>Lancet, The</i> , <b>2013</b> , 382, 417-425	40	452
9	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> , <b>2013</b> , 42, 1340-55	7.8	283
8	A biodiverse rich environment does not contribute to a better diet: a case study from DR Congo. <i>PLoS ONE</i> , <b>2012</b> , 7, e30533	3.7	52
7	Development of a school-based intervention to improve the daily diet of adolescents in urban Benin. <i>Afrika Focus</i> , <b>2012</b> , 25, 88-90	0.5	
6	A systematic review on the contributions of edible plant and animal biodiversity to human diets. <i>EcoHealth</i> , <b>2011</b> , 8, 381-99	3.1	49
5	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> , <b>2009</b> , 90, 1593-600	7	97
4	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> , <b>2008</b> , 88, 1330-40	7	93
3	Hipovitaminose A em præscolares de creches pblicas do Recife: indicadores bioqumico e diettico. <i>Revista De Nutricao</i> , <b>2005</b> , 18, 471-480	1.8	13
2	Parameters of evaluation of zinc nutritional status: comparison between zinc hair rates and serum alkaline phosphatase in pre-scholars of the Municipality of Jo Pessoa, Paraba. <i>Revista Brasileira De Saude Materno Infantil</i> , <b>2002</b> , 2, 275-282	0.3	4
1	A randomized, double-blind, placebo-controlled clinical trial of vitamin A in Mozambican children hospitalized with nonmeasles acute lower respiratory tract infections. <i>Tropical Medicine and International Health</i> , <b>1999</b> , 4, 794-800	2.3	21