

Inge Brouwer

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,745
citations

257357

24
h-index

206029

48
g-index

84
all docs

84
docs citations

84
times ranked

3558
citing authors

#	ARTICLE	IF	CITATIONS
1	When food systems meet sustainability – Current narratives and implications for actions. <i>World Development</i> , 2019, 113, 116-130.	2.6	377
2	Dietary Diversity Score Is a Useful Indicator of Micronutrient Intake in Non-Breast-Feeding Filipino Children. <i>Journal of Nutrition</i> , 2007, 137, 472-477.	1.3	304
3	Plant metabolomics and its potential application for human nutrition. <i>Physiologia Plantarum</i> , 2008, 132, 162-175.	2.6	169
4	Effect of Iron Deficiency Anemia in Pregnancy on Child Mental Development in Rural China. <i>Pediatrics</i> , 2013, 131, e755-e763.	1.0	114
5	Biofortified yellow cassava and vitamin A status of Kenyan children: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 258-267.	2.2	101
6	When households run out of fuel: Responses of rural households to decreasing fuelwood availability, Ntcheu District, Malawi. <i>World Development</i> , 1997, 25, 255-266.	2.6	95
7	Proxy measures of household food consumption for food security assessment and surveillance: comparison of the household dietary diversity and food consumption scores. <i>Public Health Nutrition</i> , 2010, 13, 2010-2018.	1.1	93
8	Iron-Deficiency Anemia in Infancy and Social Emotional Development in Preschool-Aged Chinese Children. <i>Pediatrics</i> , 2011, 127, e927-e933.	1.0	71
9	Diet quality indices for research in low- and middle-income countries: a systematic review. <i>Nutrition Reviews</i> , 2019, 77, 515-540.	2.6	69
10	Effect of Daily Antenatal Iron Supplementation on <i>Plasmodium</i> Infection in Kenyan Women. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 1009.	3.8	67
11	Food systems everywhere: Improving relevance in practice. <i>Global Food Security</i> , 2020, 26, 100398.	4.0	59
12	Acceptance and adoption of biofortified crops in low- and middle-income countries: a systematic review. <i>Nutrition Reviews</i> , 2017, 75, 798-829.	2.6	52
13	Seasonality affects dietary diversity of school-age children in northern Ghana. <i>PLoS ONE</i> , 2017, 12, e0183206.	1.1	49
14	Biofortified Cassava with Pro-Vitamin A Is Sensory and Culturally Acceptable for Consumption by Primary School Children in Kenya. <i>PLoS ONE</i> , 2013, 8, e73433.	1.1	46
15	The effect of iron fortification and de-worming on anaemia and iron status of Vietnamese schoolchildren. <i>British Journal of Nutrition</i> , 2007, 97, 955-962.	1.2	39
16	Does living in an urban environment confer advantages for childhood nutritional status? Analysis of disparities in nutritional status by wealth and residence in Angola, Central African Republic and Senegal. <i>Public Health Nutrition</i> , 2006, 9, 187-193.	1.1	38
17	Exploring solution spaces for nutrition-sensitive agriculture in Kenya and Vietnam. <i>Agricultural Systems</i> , 2020, 180, 102774.	3.2	38
18	Maize Porridge Enriched with a Micronutrient Powder Containing Low-Dose Iron as NaFeEDTA but Not Amaranth Grain Flour Reduces Anemia and Iron Deficiency in Kenyan Preschool Children. <i>Journal of Nutrition</i> , 2012, 142, 1756-1763.	1.3	36

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19	Socio-cultural and economic determinants and consequences of adolescent undernutrition and micronutrient deficiencies in LLMICs: a systematic narrative review. <i>Annals of the New York Academy of Sciences</i> , 2018, 1416, 117-139.	1.8	36
20	Food Groups Associated with a Composite Measure of Probability of Adequate Intake of 11 Micronutrients in the Diets of Women in Urban Mali. <i>Journal of Nutrition</i> , 2010, 140, 2070S-2078S.	1.3	32
21	Efficacy of iron fortification compared to iron supplementation among Vietnamese schoolchildren. <i>Nutrition Journal</i> , 2006, 5, 32.	1.5	31
22	Reverse thinking: taking a healthy diet perspective towards food systems transformations. <i>Food Security</i> , 2021, 13, 1497-1523.	2.4	30
23	Whole Cowpea Meal Fortified with NaFeEDTA Reduces Iron Deficiency among Ghanaian School Children in a Malaria Endemic Area. <i>Journal of Nutrition</i> , 2012, 142, 1836-1842.	1.3	27
24	Associations among High-Quality Protein and Energy Intake, Serum Transthyretin, Serum Amino Acids and Linear Growth of Children in Ethiopia. <i>Nutrients</i> , 2018, 10, 1776.	1.7	27
25	Current and potential role of grain legumes on protein and micronutrient adequacy of the diet of rural Ghanaian infants and young children: using linear programming. <i>Nutrition Journal</i> , 2019, 18, 12.	1.5	27
26	Method for the Development of WISH, a Globally Applicable Index for Healthy Diets from Sustainable Food Systems. <i>Nutrients</i> , 2021, 13, 93.	1.7	27
27	A Higher Proportion of Iron-Rich Leafy Vegetables in a Typical Burkinabe Maize Meal Does Not Increase the Amount of Iron Absorbed in Young Women. <i>Journal of Nutrition</i> , 2014, 144, 1394-1400.	1.3	26
28	School feeding contributes to micronutrient adequacy of Ghanaian schoolchildren. <i>British Journal of Nutrition</i> , 2014, 112, 1019-1033.	1.2	26
29	Phytic Acid-to-Iron Molar Ratio Rather than Polyphenol Concentration Determines Iron Bioavailability in Whole-Cowpea Meal among Young Women. <i>Journal of Nutrition</i> , 2012, 142, 1950-1955.	1.3	25
30	Soil Zinc Is Associated with Serum Zinc But Not with Linear Growth of Children in Ethiopia. <i>Nutrients</i> , 2019, 11, 221.	1.7	24
31	Wood quality and wood preferences in relation to food preparation and diet composition in Central Malawi. <i>Ecology of Food and Nutrition</i> , 1996, 35, 1-13.	0.8	23
32	Challenges and responses to infant and young child feeding in rural Rwanda: a qualitative study. <i>Journal of Health, Population and Nutrition</i> , 2019, 38, 43.	0.7	23
33	Dephytinisation with Intrinsic Wheat Phytase and Iron Fortification Significantly Increase Iron Absorption from Fonio (<i>Digitaria exilis</i>) Meals in West African Women. <i>PLoS ONE</i> , 2013, 8, e70613.	1.1	22
34	Fonio (<i>Digitaria exilis</i>) landraces in Mali: Nutrient and phytate content, genetic diversity and effect of processing. <i>Journal of Food Composition and Analysis</i> , 2013, 29, 134-143.	1.9	21
35	Food and nutrient gaps in rural Northern Ghana: Does production of smallholder farming households support adoption of food-based dietary guidelines?. <i>PLoS ONE</i> , 2018, 13, e0204014.	1.1	19
36	Weight status and iron deficiency among urban Malian women of reproductive age. <i>British Journal of Nutrition</i> , 2011, 105, 574-579.	1.2	18

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37	Effectiveness of a Program Intervention with Reduced-Iron Multiple Micronutrient Powders on Iron Status, Morbidity and Growth in Young Children in Ethiopia. <i>Nutrients</i> , 2018, 10, 1508.	1.7	18
38	Community Assessment of Availability, Consumption, and Cultural Acceptability of Food Sources of (PRO)Vitamin A: Toward the Development of a Dietary Intervention among Preschool Children in Rural Burkina Faso. <i>Food and Nutrition Bulletin</i> , 2005, 26, 356-365.	0.5	17
39	Translating the impact of quality protein maize into improved nutritional status for Ethiopian children: study protocol for a randomized controlled trial. <i>BMC Nutrition</i> , 2016, 2, .	0.6	17
40	Sensory and cultural acceptability tradeoffs with nutritional content of biofortified orange-fleshed sweetpotato varieties among households with children in Malawi. <i>PLoS ONE</i> , 2018, 13, e0204754.	1.1	17
41	Can household dietary diversity inform about nutrient adequacy? Lessons from a food systems analysis in Ethiopia. <i>Food Security</i> , 2020, 12, 1367-1383.	2.4	17
42	The potential contribution of yellow cassava to dietary nutrient adequacy of primary-school children in Eastern Kenya; the use of linear programming. <i>Public Health Nutrition</i> , 2018, 21, 365-376.	1.1	16
43	Food Composition Tables in Southeast Asia: The Contribution of the SMILING Project. <i>Maternal and Child Health Journal</i> , 2019, 23, 46-54.	0.7	16
44	Sensory Acceptability and Factors Predicting the Consumption of Grain Amaranth in Kenya. <i>Ecology of Food and Nutrition</i> , 2011, 50, 375-392.	0.8	15
45	Proxy markers of serum retinol concentration, used alone and in combination, to assess population vitamin A status in Kenyan children: a cross-sectional study. <i>BMC Medicine</i> , 2015, 13, 30.	2.3	15
46	Combining food-based dietary recommendations using Optifood with zinc-fortified water potentially improves nutrient adequacy among 4- to 6-year-old children in Kisumu West district, Kenya. <i>Maternal and Child Nutrition</i> , 2018, 14, e12515.	1.4	15
47	Methodology for developing and evaluating food-based dietary guidelines and a Healthy Eating Index for Ethiopia: a study protocol. <i>BMJ Open</i> , 2019, 9, e027846.	0.8	15
48	Grain legume cultivation and children's dietary diversity in smallholder farming households in rural Ghana and Kenya. <i>Food Security</i> , 2017, 9, 1053-1071.	2.4	14
49	Potential contribution of cereal and milk based fermented foods to dietary nutrient intake of 1-5 years old children in Central province in Zambia. <i>PLoS ONE</i> , 2020, 15, e0232824.	1.1	14
50	Impact of promotion of mango and liver as sources of vitamin A for young children: a pilot study in Burkina Faso. <i>Public Health Nutrition</i> , 2006, 9, 808-813.	1.1	13
51	Home Gardens Contribute Significantly to Dietary Diversity in HIV/AIDS Afflicted Households in Rural Ghana. <i>Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship</i> , 2010, 31, 125-134.	0.1	13
52	Malnutrition, Hypertension Risk, and Correlates: An Analysis of the 2014 Ghana Demographic and Health Survey Data for 15-19 Years Adolescent Boys and Girls. <i>Nutrients</i> , 2020, 12, 2737.	1.7	13
53	Identifying Dietary Strategies to Improve Nutrient Adequacy among Ethiopian Infants and Young Children Using Linear Modelling. <i>Nutrients</i> , 2019, 11, 1416.	1.7	12
54	Within-Person Variation in Nutrient Intakes across Populations and Settings: Implications for the Use of External Estimates in Modeling Usual Nutrient Intake Distributions. <i>Advances in Nutrition</i> , 2021, 12, 429-451.	2.9	12

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55	Complementary feeding practices and dietary intake among children 12-23 months in Mwingi district, Kenya. <i>International Journal of Food Safety, Nutrition and Public Health</i> , 2010, 3, 45.	0.1	11
56	Cowpeas in Northern Ghana and the Factors that Predict Caregivers' Intention to Give Them to Schoolchildren. <i>PLoS ONE</i> , 2013, 8, e72087.	1.1	11
57	Prenatal infant feeding intentions and actual feeding practices during the first six months postpartum in rural Rwanda: a qualitative, longitudinal cohort study. <i>International Breastfeeding Journal</i> , 2020, 15, 29.	0.9	11
58	Factors Predicting Consumption of Fonio Grain (<i>Digitaria exilis</i>) among Urban Malian Women of Reproductive Age. <i>Journal of Nutrition Education and Behavior</i> , 2011, 43, 219-228.	0.3	10
59	A model-based exploration of farm-household livelihood and nutrition indicators to guide nutrition-sensitive agriculture interventions. <i>Food Security</i> , 2020, 12, 59-81.	2.4	10
60	Exposure to aflatoxins and fumonisins and linear growth of children in rural Ethiopia: a longitudinal study. <i>Public Health Nutrition</i> , 2021, 24, 3662-3673.	1.1	10
61	Subclinical inflammation influences the association between vitamin A- and iron status among schoolchildren in Ghana. <i>PLoS ONE</i> , 2017, 12, e0170747.	1.1	10
62	Suitability of Instant Noodles for Iron Fortification to Combat Iron-Deficiency Anemia among Primary Schoolchildren in Rural Vietnam. <i>Food and Nutrition Bulletin</i> , 2007, 28, 291-298.	0.5	9
63	The effect of NaFeEDTA on sensory perception and long term acceptance of instant noodles by Vietnamese school children. <i>Food Quality and Preference</i> , 2007, 18, 619-626.	2.3	9
64	Agro-ecological zone and farm diversity are factors associated with haemoglobin and anaemia among rural school-aged children and adolescents in Ghana. <i>Maternal and Child Nutrition</i> , 2019, 15, e12643.	1.4	9
65	Effectiveness of zinc-fortified water on zinc intake, status and morbidity in Kenyan pre-school children: a randomised controlled trial. <i>Public Health Nutrition</i> , 2018, 21, 2855-2865.	1.1	8
66	Gender differences in nutritional status and determinants among infants (6-11 months): a cross-sectional study in two regions in Ethiopia. <i>BMC Public Health</i> , 2022, 22, 401.	1.2	8
67	Household fuel use and food consumption: Relationship and seasonal effects in central Malawi. <i>Ecology of Food and Nutrition</i> , 1996, 35, 179-193.	0.8	7
68	Simulation of the effect of maize porridge fortified with grain amaranth or micronutrient powder containing NaFeEDTA on iron intake and status in Kenyan children. <i>Public Health Nutrition</i> , 2013, 16, 1605-1613.	1.1	7
69	The contribution of provitamin A biofortified cassava to vitamin A intake in Nigerian pre-schoolchildren. <i>British Journal of Nutrition</i> , 2021, 126, 1364-1372.	1.2	7
70	Determinants of adherence to micronutrient powder use among young children in Ethiopia. <i>Maternal and Child Nutrition</i> , 2021, 17, e13111.	1.4	6
71	A food ethnography of the Otammari in north-western Benin: A systematic approach. <i>Ecology of Food and Nutrition</i> , 1996, 34, 293-310.	0.8	5
72	Comparing intake estimations based on food composition data with chemical analysis in Malian women. <i>Public Health Nutrition</i> , 2017, 20, 1351-1361.	1.1	5

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73	Ten2Twenty-Ghana: Study Design and Methods for an Innovative Randomized Controlled Trial with Multiple-Micronutrient-Fortified Biscuits among Adolescent Girls in Northeastern Ghana. <i>Current Developments in Nutrition</i> , 2021, 5, nzaa184.	0.1	5
74	Spatial farming systems diversity and micronutrient intakes of rural children in Ethiopia. <i>Maternal and Child Nutrition</i> , 2022, 18, e13242.	1.4	4
75	Life course learning experiences and infant feeding practices in rural Rwanda. <i>Maternal and Child Nutrition</i> , 2021, 17, e13126.	1.4	3
76	Qualitative, longitudinal exploration of coping strategies and factors facilitating infant and young child feeding practices among mothers in rural Rwanda. <i>BMC Public Health</i> , 2021, 21, 103.	1.2	2
77	Trends and factors associated with the nutritional status of adolescent girls in Ghana: a secondary analysis of the 2003-2014 Ghana demographic and health survey (GDHS) data. <i>Public Health Nutrition</i> , 2021, , 1-16.	1.1	2
78	Sensitivity of Food-Based Recommendations Developed Using Linear Programming to Model Input Data in Young Kenyan Children. <i>Nutrients</i> , 2021, 13, 3485.	1.7	2
79	Investing in early nutrition and food systems for human and planetary health. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 772-774.	2.7	2
80	Dietary Non-heme Iron Bioavailability Among Children (Ages 5-8) in a Rural, High-Anemia-Prevalent Area in North India: Comparison of Algorithms. <i>Ecology of Food and Nutrition</i> , 2010, 49, 262-278.	0.8	1
81	Parental Attitudes, Roles and Influences on Decision Making for Child Well-being on the South Coast of Kenya—a Descriptive Study. <i>Child Care in Practice</i> , 2021, 27, 54-71.	0.5	1
82	The potential contribution of house crickets to the dietary zinc content and nutrient adequacy in young Kenyan children: a linear programming analysis using Optifood. <i>British Journal of Nutrition</i> , 2023, 129, 478-490.	1.2	1
83	Reply to SA Tanumihardjo et al.. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 236-237.	2.2	0