Frank T Wieringa

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5272286/publications.pdf

Version: 2024-02-01

		159525	161767
126	3,719	30	54
papers	citations	h-index	g-index
131	131	131	3855
131	131	131	3033
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Adjusting plasma ferritin concentrations to remove the effects of subclinical inflammation in the assessment of iron deficiency: a meta-analysis. American Journal of Clinical Nutrition, 2010, 92, 546-555.	2.2	456
2	Thiamine deficiency disorders: diagnosis, prevalence, and a roadmap for global control programs. Annals of the New York Academy of Sciences, 2018, 1430, 3-43.	1.8	201
3	Estimation of the Effect of the Acute Phase Response on Indicators of Micronutrient Status in Indonesian Infants. Journal of Nutrition, 2002, 132, 3061-3066.	1.3	157
4	Concurrent micronutrient deficiencies in lactating mothers and their infants in Indonesia. American Journal of Clinical Nutrition, 2001, 73, 786-91.	2.2	149
5	Effects of Iron and Zinc Supplementation in Indonesian Infants on Micronutrient Status and Growth. Journal of Nutrition, 2001, 131, 2860-2865.	1.3	130
6	Determination of Zinc Status in Humans: Which Indicator Should We Use?. Nutrients, 2015, 7, 3252-3263.	1.7	89
7	Zinc plus \hat{l}^2 -carotene supplementation of pregnant women is superior to \hat{l}^2 -carotene supplementation alone in improving vitamin A status in both mothers and infants. American Journal of Clinical Nutrition, 2004, 80, 1299-1307.	2.2	79
8	Multi-Micronutrient–Fortified Biscuits Decreased Prevalence of Anemia and Improved Micronutrient Status and Effectiveness of Deworming in Rural Vietnamese School Children. Journal of Nutrition, 2009, 139, 1013-1021.	1.3	79
9	Optimal Screening of Children with Acute Malnutrition Requires a Change in Current WHO Guidelines as MUAC and WHZ Identify Different Patient Groups. PLoS ONE, 2014, 9, e101159.	1.1	77
10	Low plasma selenium concentrations, high plasma human immunodeficiency virus load and high interleukin-6 concentrations are risk factors associated with anemia in adults presenting with pulmonary tuberculosis in Zomba district, Malawi. European Journal of Clinical Nutrition, 2005, 59, 526-532.	1.3	76
11	Micronutrient Deficits Are Still Public Health Issues among Women and Young Children in Vietnam. PLoS ONE, 2012, 7, e34906.	1.1	75
12	The High Prevalence of Anemia in Cambodian Children and Women Cannot Be Satisfactorily Explained by Nutritional Deficiencies or Hemoglobin Disorders. Nutrients, 2016, 8, 348.	1.7	74
13	Effects of animal source food and micronutrient fortification in complementary food products on body composition, iron status, and linear growth: a randomized trial in Cambodia. American Journal of Clinical Nutrition, 2015, 101, 742-751.	2.2	71
14	The use of linear programming to determine whether a formulated complementary food product can ensure adequate nutrients for 6- to 11-month-old Cambodian infants. American Journal of Clinical Nutrition, 2014, 99, 130-138.	2.2	65
15	Stunting, Poor Iron Status and Parasite Infection Are Significant Risk Factors for Lower Cognitive Performance in Cambodian School-Aged Children. PLoS ONE, 2014, 9, e112605.	1.1	59
16	Combined Iron and Zinc Supplementation in Infants Improved Iron and Zinc Status, but Interactions Reduced Efficacy in a Multicountry Trial in Southeast Asia3. Journal of Nutrition, 2007, 137, 466-471.	1.3	58
17	Reduced production of immunoregulatory cytokines in vitamin A- and zinc-deficient Indonesian infants. European Journal of Clinical Nutrition, 2004, 58, 1498-1504.	1.3	57
18	Redistribution of vitamin A after iron supplementation in Indonesian infants. American Journal of Clinical Nutrition, 2003, 77, 651-657.	2.2	56

#	Article	IF	CITATIONS
19	Adjusting plasma or serum zinc concentrations for inflammation: Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) project. American Journal of Clinical Nutrition, 2020, 111, 927-937.	2.2	52
20	Sex differences in prevalence of anaemia and iron deficiency in infancy in a large multi-country trial in South-East Asia. British Journal of Nutrition, 2007, 98, 1070-1076.	1.2	51
21	Maternal micronutrient supplementation with zinc and \hat{l}^2 -carotene affects morbidity and immune function of infants during the first 6 months of life. European Journal of Clinical Nutrition, 2010, 64, 1072-1079.	1.3	48
22	Decreased Parasite Load and Improved Cognitive Outcomes Caused by Deworming and Consumption of Multi-Micronutrient Fortified Biscuits in Rural Vietnamese Schoolchildren. American Journal of Tropical Medicine and Hygiene, 2011, 85, 333-340.	0.6	44
23	High prevalence of thiamine (vitamin B1) deficiency in early childhood among a nationally representative sample of Cambodian women of childbearing age and their children. PLoS Neglected Tropical Diseases, 2017, 11, e0005814.	1.3	44
24	Current MUAC Cut-Offs to Screen for Acute Malnutrition Need to Be Adapted to Gender and Age: The Example of Cambodia. PLoS ONE, 2016, 11, e0146442.	1.1	40
25	Iron deficiency and NRAMP1 polymorphisms (INT4, D543N and 3′UTR) do not contribute to severity of anaemia in tuberculosis in the Indonesian population. British Journal of Nutrition, 2007, 98, 684-90.	1.2	36
26	Effectiveness of a Locally Produced, Fish-Based Food Product on Weight Gain among Cambodian Children in the Treatment of Acute Malnutrition: A Randomized Controlled Trial. Nutrients, 2018, 10, 909.	1.7	36
27	Multi-micronutrient-fortified biscuits decreased the prevalence of anaemia and improved iron status, whereas weekly iron supplementation only improved iron status in Vietnamese school children. British Journal of Nutrition, 2012, 108, 1419-1427.	1.2	35
28	Intra-Individual Double Burden of Overweight and Micronutrient Deficiencies among Vietnamese Women. PLoS ONE, 2014, 9, e110499.	1.1	35
29	Nutrient Intake Is Insufficient among Senegalese Urban School Children and Adolescents: Results from Two 24 h Recalls in State Primary Schools in Dakar. Nutrients, 2016, 8, 650.	1.7	32
30	Realistic Food-Based Approaches Alone May Not Ensure Dietary Adequacy for Women and Young Children in South-East Asia. Maternal and Child Health Journal, 2019, 23, 55-66.	0.7	32
31	Stability and retention of micronutrients in fortified rice prepared using different cooking methods. Annals of the New York Academy of Sciences, 2014, 1324, 40-47.	1.8	31
32	Stability of Vitamin A, Iron and Zinc in Fortified Rice during Storage and Its Impact on Future National Standards and Programsâ€"Case Study in Cambodia. Nutrients, 2016, 8, 51.	1.7	31
33	WHO guidelines on detecting pneumonia in children. Lancet, The, 1991, 338, 1453-1454.	6.3	28
34	Acceptability and impact on anthropometry of a locally developed Ready-to-use therapeutic food in pre-school children in Vietnam. Nutrition Journal, 2013, 12, 120.	1.5	28
35	Zinc Supplementation Improved Length Growth Only in Anemic Infants in a Multi-Country Trial of Iron and Zinc Supplementation in South-East Asia. Journal of Nutrition, 2008, 138, 1969-1975.	1.3	27
36	Persistent Inequalities in Child Undernutrition in Cambodia from 2000 until Today. Nutrients, 2016, 8, 297.	1.7	27

3

#	Article	IF	Citations
37	Development and Acceptability of Locally Made Fish-Based, Ready-to-Use Products for the Prevention and Treatment of Malnutrition in Cambodia. Food and Nutrition Bulletin, 2018, 39, 420-434.	0.5	27
38	Hypovitaminosis D and Mild Hypocalcaemia Are Highly Prevalent among Young Vietnamese Children and Women and Related to Low Dietary Intake. PLoS ONE, 2013, 8, e63979.	1.1	26
39	Impact of Multi-Micronutrient Fortified Rice on Hemoglobin, Iron and Vitamin A Status of Cambodian Schoolchildren: a Double-Blind Cluster-Randomized Controlled Trial. Nutrients, 2016, 8, 29.	1.7	26
40	A Delivery Model for Home Fortification of Complementary Foods with Micronutrient Powders: Innovation in the Context of Vietnamese Health System Strengthening. Nutrients, 2016, 8, 259.	1.7	24
41	High Prevalence of Vitamin D Deficiency in Cambodian Women: A Common Deficiency in a Sunny Country. Nutrients, 2016, 8, 290.	1.7	24
42	The Economic Burden of Malnutrition in Pregnant Women and Children under 5 Years of Age in Cambodia. Nutrients, 2016, 8, 292.	1.7	23
43	Complementary Foods Fortified with Micronutrients Prevent Iron Deficiency and Anemia in Vietnamese infants ,. Journal of Nutrition, 2010, 140, 2241-2247.	1.3	22
44	An Assessment of the Impact of Fortification of Staples and Condiments on Micronutrient Intake in Young Vietnamese Children. Nutrients, 2012, 4, 1151-1170.	1.7	22
45	Anthropometric and Micronutrient Status of School-Children in an Urban West Africa Setting: A Cross-Sectional Study in Dakar (Senegal). PLoS ONE, 2013, 8, e84328.	1.1	22
46	Exposure to Total and Protein-Unbound Rifampin Is Not Affected by Malnutrition in Indonesian Tuberculosis Patients. Antimicrobial Agents and Chemotherapy, 2015, 59, 3233-3239.	1.4	22
47	Species-Specific Associations Between Soil-Transmitted Helminths and Micronutrients in Vietnamese Schoolchildren. American Journal of Tropical Medicine and Hygiene, 2016, 95, 77-82.	0.6	22
48	What Approaches are Most Effective at Addressing Micronutrient Deficiency in Children O–5 Years? A Review of Systematic Reviews. Maternal and Child Health Journal, 2019, 23, 4-17.	0.7	22
49	A Six-Month Intervention with Two Different Types of Micronutrient-Fortified Complementary Foods Had Distinct Short- and Long-Term Effects on Linear and Ponderal Growth of Vietnamese Infants. Journal of Nutrition, 2012, 142, 1735-1740.	1.3	21
50	Nutritional and Micronutrient Status of Female Workers in a Garment Factory in Cambodia. Nutrients, 2016, 8, 694.	1.7	20
51	Thiamine fortification strategies in low―and middleâ€income settings: a review. Annals of the New York Academy of Sciences, 2021, 1498, 29-45.	1.8	19
52	The SMILING Project: A Northâ€"Southâ€"South Collaborative Action to Prevent Micronutrient Deficiencies in Women and Young Children in Southeast Asia. Food and Nutrition Bulletin, 2013, 34, S133-S139.	0.5	18
53	Improvement of the Vietnamese Diet for Women of Reproductive Age by Micronutrient Fortification of Staples Foods and Condiments. PLoS ONE, 2012, 7, e50538.	1.1	18
54	Strategies to prevent iron deficiency and improve reproductive health. Nutrition Reviews, 2011, 69, S78-S86.	2.6	17

#	Article	IF	Citations
55	Legal Framework for Food Fortification: Examples from Vietnam and Indonesia. Food and Nutrition Bulletin, 2013, 34, S112-S123.	0.5	17
56	Organoleptic qualities and acceptability of fortified rice in two Southeast Asian countries. Annals of the New York Academy of Sciences, 2014, 1324, 48-54.	1.8	17
57	Cognitive Performance and Iron Status are Negatively Associated with Hookworm Infection in Cambodian Schoolchildren. American Journal of Tropical Medicine and Hygiene, 2016, 95, 856-863.	0.6	17
58	Micronutrient deficiencies and their public health implications for South-East Asia. Current Opinion in Clinical Nutrition and Metabolic Care, 2019, 22, 479-482.	1.3	17
59	Low Prevalence of Iron and Vitamin A Deficiency among Cambodian Women of Reproductive Age. Nutrients, 2016, 8, 197.	1.7	16
60	Diets and Feeding Practices during the First 1000 Days Window in the Phnom Penh and North Eastern Districts of Cambodia. Nutrients, 2018, 10, 500.	1.7	16
61	Identification of Acute Malnutrition in Children in Cambodia Requires Both Mid Upper Arm Circumference and Weight-For-Height to Offset Gender Bias of Each Indicator. Nutrients, 2018, 10, 786.	1.7	16
62	Stunting, wasting and breast-feeding as correlates of body composition in Cambodian children at 6 and 15 months of age. British Journal of Nutrition, 2019, 121, 688-698.	1.2	16
63	Micronutrient status of populations and preventive nutrition interventions in South East Asia. Maternal and Child Health Journal, 2019, 23, 29-45.	0.7	16
64	Age-Appropriate Feeding Practices in Cambodia and the Possible Influence on the Growth of the Children: A Longitudinal Study. Nutrients, 2020, 12, 12.	1.7	16
65	Micronutrient-Fortified Rice Can Increase Hookworm Infection Risk: A Cluster Randomized Trial. PLoS ONE, 2016, 11, e0145351.	1.1	15
66	Low Urinary Iodine Concentration among Mothers and Children in Cambodia. Nutrients, 2016, 8, 172.	1.7	14
67	Effectiveness of a locally produced readyâ€toâ€use supplementary food in preventing growth faltering for children under 2 years in Cambodia: a cluster randomised controlled trial. Maternal and Child Nutrition, 2020, 16, e12896.	1.4	14
68	Associations between Zinc and Hemoglobin Concentrations in Preschool Children and Women of Reproductive Age: An Analysis of Representative Survey Data from the Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) Project. Journal of Nutrition, 2021, 151, 1277-1285.	1.3	14
69	Height, Zinc and Soil-Transmitted Helminth Infections in Schoolchildren: A Study in Cuba and Cambodia. Nutrients, 2015, 7, 3000-3010.	1.7	13
70	Soil-transmitted helminth infections and intestinal and systemic inflammation in schoolchildren. Acta Tropica, 2018, 182, 124-127.	0.9	13
71	Effect of multi-micronutrient-fortified rice on cognitive performance depends on premix composition and cognitive function tested: results of an effectiveness study in Cambodian schoolchildren. Public Health Nutrition, 2018, 21, 816-827.	1.1	13
72	Stunting, Beyond Acute Diarrhoea: Giardia Duodenalis, in Cambodia. Nutrients, 2018, 10, 1420.	1.7	13

#	Article	IF	CITATIONS
73	Fortified Foods Are Major Contributors to Apparent Intakes of Vitamin A and Iodine, but Not Iron, in Diets of Women of Reproductive Age in 4 African Countries. Journal of Nutrition, 2020, 150, 2183-2190.	1.3	13
74	Development and Implementation of a Locally Produced Ready-to-Use Therapeutic Food (RUTF) in Vietnam. Food and Nutrition Bulletin, 2014, 35, S52-S56.	0.5	12
75	The unfinished health agenda: Neonatal mortality in Cambodia. PLoS ONE, 2017, 12, e0173763.	1.1	12
76	Child-Sensitive WASH Composite Score and the Nutritional Status in Cambodian Children. Nutrients, 2019, 11, 2142.	1.7	12
77	Acceptability of Two Ready-to-Use Therapeutic Foods by HIV-Positive Patients in Vietnam. Food and Nutrition Bulletin, 2015, 36, 102-110.	0.5	11
78	Maternal midâ€upper arm circumference during pregnancy and linear growth among Cambodian infants during the first months of life. Maternal and Child Nutrition, 2020, 16, e12951.	1.4	11
79	Low-dose thiamine supplementation of lactating Cambodian mothers improves human milk thiamine concentrations: a randomized controlled trial. American Journal of Clinical Nutrition, 2021, 114, 90-100.	2.2	11
80	Thiamine supplementation holds neurocognitive benefits for breastfed infants during the first year of life. Annals of the New York Academy of Sciences, 2021, 1498, 116-132.	1.8	11
81	The Interaction between Morbidity and Nutritional Status among Children under Five Years Old in Cambodia: A Longitudinal Study. Nutrients, 2019, 11, 1527.	1.7	10
82	Interventions to Improve Micronutrient Status of Women of Reproductive Age in Southeast Asia: A Narrative Review on What Works, What Might Work, and What Doesn't Work. Maternal and Child Health Journal, 2019, 23, 18-28.	0.7	10
83	Arsenic speciation in rice bran: Agronomic practices, postharvest fermentation, and human health risk assessment across the lifespan. Environmental Pollution, 2021, 290, 117962.	3.7	10
84	Inequalities in Nutrition between Cambodian Women over the Last 15 Years (2000–2014). Nutrients, 2016, 8, 224.	1.7	9
85	Crossover trial to test the acceptability of a locally produced lipid-based nutrient supplement (LNS) for children under 2 years in Cambodia: a study protocol. BMJ Open, 2017, 7, e015958.	0.8	9
86	Dietary Diversity in Cambodian Garment Workers: The Role of Free Lunch Provision. Nutrients, 2018, 10, 1010.	1.7	9
87	Effect of complementary food with small amounts of freshwater fish on whole blood n-3 fatty acids in Cambodian infants age 6–15 months. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 135, 92-101.	1.0	9
88	Thiamine dose response in human milk with supplementation among lactating women in Cambodia: study protocol for a double-blind, four-parallel arm randomised controlled trial. BMJ Open, 2019, 9, e029255.	0.8	9
89	Iron and zinc interactions. American Journal of Clinical Nutrition, 2004, 80, 787-788.	2.2	8
90	Maternal micronutrient supplementation and child survival. Lancet, The, 2008, 371, 1751-1752.	6.3	8

#	Article	IF	Citations
91	Subclinical inflammation affects iron and vitamin A but not zinc status assessment in Senegalese children and Cambodian children and women. Public Health Nutrition, 2018, 21, 1266-1277.	1.1	8
92	Development and testing of locally-produced ready-to-use therapeutic and supplementary foods (RUTFs and RUSFs) in Cambodia: lessons learned. BMC Public Health, 2019, 19, 1200.	1.2	8
93	Driving Policy Change to Improve Micronutrient Status in Women of Reproductive Age and Children in Southeast Asia: The SMILING Project. Maternal and Child Health Journal, 2019, 23, 79-85.	0.7	8
94	Routinely MUAC screening for severe acute malnutrition should consider the gender and age group bias in the Ethiopian non-emergency context. PLoS ONE, 2020, 15, e0230502.	1.1	8
95	Adherence to Child Feeding Practices and Child Growth: A Retrospective Cohort Analysis in Cambodia. Nutrients, 2021, 13, 137.	1.7	8
96	Beyond Effectivenessâ€"The Adversities of Implementing a Fortification Program. A Case Study on the Quality of Iron Fortification of Fish and Soy Sauce in Cambodia. Nutrients, 2016, 8, 94.	1.7	7
97	Estimated Nutritive Value of Low-Price Model Lunch Sets Provided to Garment Workers in Cambodia. Nutrients, 2017, 9, 782.	1.7	7
98	Acceptability of locallyâ€produced Readyâ€toâ€Use Supplementary Food (RUSF) for children under two years in Cambodia: A cluster randomised trial. Maternal and Child Nutrition, 2019, 15, e12780.	1.4	6
99	Reducing malnutrition in Cambodia. A modeling exercise to prioritize multisectoral interventions. Maternal and Child Nutrition, 2020, 16, e12770.	1.4	6
100	Water quality for young children in Cambodia—High contamination at collection and consumption level. Maternal and Child Nutrition, 2020, 16, e12744.	1.4	6
101	Whole-blood PUFA and associations with markers of nutritional and health status in acutely malnourished children in Cambodia. Public Health Nutrition, 2020, 23, 974-986.	1.1	6
102	Assessment of salt intake to consider salt as a fortification vehicle for thiamine in Cambodia. Annals of the New York Academy of Sciences, 2021, 1498, 85-95.	1.8	6
103	Micronutrient Deficiency and Supplementation in Indonesian Infants. Advances in Experimental Medicine and Biology, 2003, 531, 369-377.	0.8	6
104	Growth Status, Inflammation, and Enteropathy in Young Children in Northern Tanzania. American Journal of Tropical Medicine and Hygiene, 2019, 100, 192-201.	0.6	6
105	The relationship between wasting and stunting in Cambodian children: Secondary analysis of longitudinal data of children below 24 months of age followed up until the age of 59 months. PLoS ONE, 2021, 16, e0259765.	1.1	6
106	Maternal malaria but not schistosomiasis is associated with a higher risk of febrile infection in infant during the first 3 months of life: A mother-child cohort in Benin. PLoS ONE, 2019, 14, e0222864.	1.1	5
107	Multi-Micronutrient Fortified Rice Improved Serum Zinc and Folate Concentrations of Cambodian School Children. A Double-Blinded Cluster-Randomized Controlled Trial. Nutrients, 2019, 11, 2843.	1.7	5
108	Improving Micronutrient Status of Vulnerable Groups in South-East Asia: The SMILING Experience. Maternal and Child Health Journal, 2019, 23, 1-3.	0.7	5

#	Article	IF	CITATIONS
109	Randomised controlled trial to test the effectiveness of a locally-produced ready-to-use supplementary food (RUSF) in preventing growth faltering and improving micronutrient status for children under two years in Cambodia: a study protocol. Nutrition Journal, 2018, 17, 39.	1.5	4
110	Micronutrient Deficiency and Supplementation in Indonesian Infants. Advances in Experimental Medicine and Biology, 2003, 531, 359-368.	0.8	4
111	Validity of the dose-response tests for the determination of vitamin A status. American Journal of Clinical Nutrition, 2005, 82, 1138-1139.	2.2	3
112	Micronutrient powders to combat anemia in young children: does it work?. BMC Medicine, 2017, 15, 99.	2.3	3
113	Caretakers' perceptions and willingnessâ€toâ€pay for complementary food in urban and rural Cambodia. Maternal and Child Nutrition, 2021, 17, e13130.	1.4	3
114	Comparison of Micronutrient Intervention Strategies in Ghana and Benin to Cover Micronutrient Needs: Simulation of Bene-Fits and Risks in Women of Reproductive Age. Nutrients, 2021, 13, 2286.	1.7	3
115	Nutritional quality of Ready-to-Use Therapeutic Foods: focus on lipid composition and vitamin content. OCL - Oilseeds and Fats, Crops and Lipids, 2022, 29, 13.	0.6	3
116	Vitamin A distribution in danger: should we worry?. Lancet, The, 2018, 392, 631.	6.3	2
117	Multi-criteria Mapping of Stakeholders' Viewpoints in Five Southeast Asian Countries on Strategies to Reduce Micronutrient Deficiencies Among Children and Women of Reproductive Age: Findings from the SMILING Project. Maternal and Child Health Journal, 2019, 23, 67-78.	0.7	2
118	Has Zinc Lost Its Shine?. Journal of Nutrition, 2022, 152, 1185-1186.	1.3	2
119	Vitamin A supplementation in children and hearing loss. BMJ: British Medical Journal, 2012, 344, d7603-d7603.	2.4	1
120	Consequences of Micronutrient Deficiency and Interventions to Improve Micronutrient Status. , 2013 , , $333-342$.		1
121	Impact of lunch provision on anthropometry, hemoglobin, and micronutrient status of female Cambodian garment workers: exploratory randomized controlled trial. BMC Nutrition, 2019, 5, 36.	0.6	1
122	Decisions to Start, Strengthen, and Sustain Food Fortification Programs: An Application of the Grading of Recommendations Assessment, Development, and Evaluation (GRADE) Evidence to Decision (EtD) Framework in Nigeria. Current Developments in Nutrition, 2022, 6, nzac010.	0.1	1
123	Chapter 4. Vitamin A in the Context of Supplementation. Food and Nutritional Components in Focus, 2012, , 55-70.	0.1	0
124	Growth, Stunting, and Micronutrient Supplementation: Perspectives from the South-East Asia Multi-country Trial of Iron and Zinc Supplementation in Infants (SEAMTIZI)., 2012,, 1573-1583.		0
125	Post-partum High-dose Vitamin A Supplementation to Improve Vitamin A Status of Mother and Infant: The Role of Timing and Inflammation. European Journal of Nutrition & Food Safety, 2015, 5, 747-748.	0.2	0
126	John Mason-a Tribute. World Nutrition, 2018, 9, 144-145.	0.3	0