Seth Adu-Afarwuah

List of Publications by Year in Descending Order

75 papers	1,387 citations	17 h-index	36 g-index
81 ext. papers	1,697 ext. citations	4.7 avg, IF	4.22 L-index

#	Paper	IF	Citations
75	Association between Dietary Magnesium Intake and Glycemic Markers in Ghanaian Women of Reproductive Age: A Pilot Cross-Sectional Study. *Nutrients*, **2021**, 13,	6.7	1
74	Lipid-Based Nutrient Supplementation Increases High-Density Lipoprotein (HDL) Cholesterol Efflux Capacity and Is Associated with Changes in the HDL Glycoproteome in Children. *ACS Omega*, **2021**, 6, 32022-32031	3.9	0
73	Consumption of multiple micronutrients or small-quantity lipid-based nutrient supplements containing iodine at the recommended dose during pregnancy, compared with iron and folic acid, does not affect women's urinary iodine concentration in rural Malawi: a secondary outcome analysis of the iLiNS DYAD trial. *Public Health Nutrition*, **2021**, 24, 3049-3057	3.3	0
72	Nutritional perspectives on sickle cell disease in Africa: a systematic review. *BMC Nutrition*, **2021**, 7, 9	2.5	0
71	Maternal Blood Pressure in Relation to Prenatal Lipid-Based Nutrient Supplementation and Adverse Birth Outcomes in a Ghanaian Cohort: A Randomized Controlled Trial and Cohort Analysis. *Journal of Nutrition*, **2021**, 151, 1637-1645	4.1	0
70	Risk factors for anaemia among Ghanaian women and children vary by population group and climate zone. *Maternal and Child Nutrition*, **2021**, 17, e13076	3.4	2
69	Malaria is a cause of iron deficiency in African children. *Nature Medicine*, **2021**, 27, 653-658	50.5	8
68	Inflammation Adjustments to Serum Retinol and Retinol-Binding Protein Improve Specificity but Reduce Sensitivity when Estimating Vitamin A Deficiency Compared with the Modified Relative Dose-Response Test in Ghanaian Children. *Current Developments in Nutrition*, **2021**, 5, nzab098	0.4	0
67	Characteristics that modify the effect of small-quantity lipid-based nutrient supplementation on child anemia and micronutrient status: an individual participant data meta-analysis of randomized controlled trials. *American Journal of Clinical Nutrition*, **2021**, 114, 68S-94S	7	7
66	Characteristics that modify the effect of small-quantity lipid-based nutrient supplementation on child growth: an individual participant data meta-analysis of randomized controlled trials. *American Journal of Clinical Nutrition*, **2021**, 114, 15S-42S	7	15
65	Risk of anaemia among women engaged in biomass-based fish smoking as their primary livelihood in the central region of Ghana: a comparative cross-sectional study. *BMC Nutrition*, **2021**, 7, 50	2.5	0
64	Small-quantity lipid-based nutrient supplements for children age 6-24 months: a systematic review and individual participant data meta-analysis of effects on developmental outcomes and effect modifiers. *American Journal of Clinical Nutrition*, **2021**, 114, 43S-67S	7	7
63	Lessons learned from implementing the pilot Micronutrient Powder Initiative in four districts in Ghana. *BMC Nutrition*, **2020**, 6, 50	2.5	1
62	The impact of maternal supplementation during pregnancy and the first 6 months postpartum on the growth status of the next child born after the intervention period: Follow-up results from Bangladesh and Ghana. *Maternal and Child Nutrition*, **2020**, 16, e12927	3.4	1
61	Impact of a nutritional supplement during gestation and early childhood on child salivary cortisol, hair cortisol, and telomere length at 4-6 years of age: a follow-up of a randomized controlled trial. *Stress*, **2020**, 23, 597-606	3	0
60	Supplementation with Small-Quantity Lipid-Based Nutrient Supplements Does Not Increase Child Morbidity in a Semiurban Setting in Ghana: A Secondary Outcome Noninferiority Analysis of the International Lipid-Based Nutrient Supplements (iLiNS)-DYAD Randomized Controlled Trial. *Journal of Nutrition*, **2020**, 150, 382-393	4.1	2
59	Anemia, micronutrient deficiencies, malaria, hemoglobinopathies and malnutrition in young children and non-pregnant women in Ghana: Findings from a national survey. *PLoS ONE*, **2020**, 15, e0228258	3.7	15

58	Impact of nutrient supplementation on maternal nutrition and child growth and development in Sub-Saharan Africa: the case of small-quantity lipid-based nutrient supplements. *Maternal and Child Nutrition*, **2020**, 16 Suppl 3, e12960	3.4	
57	Antenatal multiple micronutrient supplementation: call to action for change in recommendation. *Annals of the New York Academy of Sciences*, **2020**, 1465, 5-7	6.5	2
56	Are out-of-school adolescents at higher risk of adverse health outcomes? Evidence from 9 diverse settings in sub-Saharan Africa. *Tropical Medicine and International Health*, **2020**, 25, 70-80	2.3	4
55	Maternal and child factors associated with child body fatness in a Ghanaian cohort. *Public Health Nutrition*, **2020**, 23, 309-318	3.3	1
54	Anemia, micronutrient deficiencies, malaria, hemoglobinopathies and malnutrition in young children and non-pregnant women in Ghana: Findings from a national survey **2020**, 15, e0228258		
53	Anemia, micronutrient deficiencies, malaria, hemoglobinopathies and malnutrition in young children and non-pregnant women in Ghana: Findings from a national survey **2020**, 15, e0228258		
52	Anemia, micronutrient deficiencies, malaria, hemoglobinopathies and malnutrition in young children and non-pregnant women in Ghana: Findings from a national survey **2020**, 15, e0228258		
51	Anemia, micronutrient deficiencies, malaria, hemoglobinopathies and malnutrition in young children and non-pregnant women in Ghana: Findings from a national survey **2020**, 15, e0228258		
50	Anemia, micronutrient deficiencies, malaria, hemoglobinopathies and malnutrition in young children and non-pregnant women in Ghana: Findings from a national survey **2020**, 15, e0228258		
49	Anemia, micronutrient deficiencies, malaria, hemoglobinopathies and malnutrition in young children and non-pregnant women in Ghana: Findings from a national survey **2020**, 15, e0228258		
48	Maternal and Infant Supplementation with Small-Quantity Lipid-Based Nutrient Supplements Increases InfantsVIron Status at 18 Months of Age in a Semiurban Setting in Ghana: A Secondary Outcome Analysis of the iLiNS-DYAD Randomized Controlled Trial. *Journal of Nutrition*, **2019**, 149, 149-158	4.1	8
47	Maternal Blood Pressure in Relation to Birth Outcomes and Consumption of a Lipid-Based Nutrient Supplement (P11-001-19). *Current Developments in Nutrition*, **2019**, 3,	0.4	78
46	Review of the evidence regarding the use of antenatal multiple micronutrient supplementation in low- and middle-income countries. *Annals of the New York Academy of Sciences*, **2019**, 1444, 6-21	6.5	36
45	The association of early linear growth and haemoglobin concentration with later cognitive, motor, and social-emotional development at preschool age in Ghana. *Maternal and Child Nutrition*, **2019**, 15, e12834	3.4	5
44	Maternal and Infant Lipid-Based Nutritional Supplementation Increases Height of Ghanaian Children at 4-6 Years Only if the Mother Was Not Overweight Before Conception. *Journal of Nutrition*, **2019**, 149, 847-855	4.1	10
43	Exposure to a slightly sweet lipid-based nutrient supplement during early life does not increase the level of sweet taste most preferred among 4- to 6-year-old Ghanaian children: follow-up of a randomized controlled trial. *American Journal of Clinical Nutrition*, **2019**, 109, 1224-1232	7	2
42	Maternal-Infant Supplementation with Small-Quantity Lipid-Based Nutrient Supplements Does Not Affect Child Blood Pressure at 4-6 Y in Ghana: Follow-up of a Randomized Trial. *Journal of Nutrition*, **2019**, 149, 522-531	4.1	5
41	The effects of a nutrient supplementation intervention in Ghana on parentsVinvestments in their children. *PLoS ONE*, **2019**, 14, e0212178	3.7	1

40	Exposure to a Slightly Sweet Lipid-Based Nutrient Supplement During Early Life Does Not Increase the Preference for or Consumption of Sweet Foods and Beverages by 4-6-y-Old Ghanaian Preschool Children: Follow-up of a Randomized Controlled Trial. *Journal of Nutrition*, **2019**, 149, 532-541	4.1	4
39	Path analyses of risk factors for linear growth faltering in four prospective cohorts of young children in Ghana, Malawi and Burkina Faso. *BMJ Global Health*, **2019**, 4, e001155	6.6	15
38	Prenatal and postnatal lipid-based nutrient supplementation and cognitive, social-emotional, and motor function in preschool-aged children in Ghana: a follow-up of a randomized controlled trial. *American Journal of Clinical Nutrition*, **2019**, 109, 322-334	7	8
37	The effects of supplementing maternal and infant diets with lipid-based nutrient supplements on physical activity and sedentary behaviour at preschool age in Ghana. *British Journal of Nutrition*, **2019**, 122, 884-894	3.6	2
36	Prenatal Iron Deficiency and Replete Iron Status Are Associated with Adverse Birth Outcomes, but Associations Differ in Ghana and Malawi. *Journal of Nutrition*, **2019**, 149, 513-521	4.1	10
35	Ghanaian parents\perceptions of pre and postnatal nutrient supplements and their effects. *Maternal and Child Nutrition*, **2018**, 14, e12608	3.4	6
34	Willingness to pay for small-quantity lipid-based nutrient supplements for women and children: Evidence from Ghana and Malawi. *Maternal and Child Nutrition*, **2018**, 14, e12518	3.4	10
33	Supplementation during pregnancy with small-quantity lipid-based nutrient supplements or multiple micronutrients, compared with iron and folic acid, increases women\s urinary iodine concentration in semiurban Ghana: A randomized controlled trial. *Maternal and Child Nutrition*,	3.4	9
32	Unintended effects of a targeted maternal and child nutrition intervention on household expenditures, labor income, and the nutritional status of non-targeted siblings in Ghana. *World Development*, **2018**, 107, 138-150	5.5	8
31	Maternal supplementation with small-quantity lipid-based nutrient supplements during pregnancy and lactation does not reduce depressive symptoms at 6 months postpartum in Ghanaian women: a randomized controlled trial. *Archives of Womens Mental Health*, **2018**, 21, 55-63	5	8
30	Sociodemographic Characteristics, Dietary Practices, and Nutritional Status of Adults with Hypertension in a Semi-Rural Community in the Eastern Region of Ghana. *International Journal of Hypertension*, **2018**, 2018, 2815193	2.4	3
29	A method to develop vocabulary checklists in new languages and their validity to assess early language development. *Journal of Health, Population and Nutrition*, **2018**, 37, 13	2.5	7
28	From the Field: Improving Fetal and Infant Growth in Vulnerable Populations. *Food and Nutrition Bulletin*, **2018**, 39, S60-S68	1.8	2
27	Pilot testing of the Becoming Breastfeeding Friendly toolbox in Ghana. *International Breastfeeding Journal*, **2018**, 13, 30	3.8	17
26	Impact of small-quantity lipid-based nutrient supplement on hemoglobin, iron status and biomarkers of inflammation in pregnant Ghanaian women. *Maternal and Child Nutrition*, **2017**, 13,	3.4	26
25	Maternal Supplementation with Small-Quantity Lipid-Based Nutrient Supplements Compared with Multiple Micronutrients, but Not with Iron and Folic Acid, Reduces the Prevalence of Low Gestational Weight Gain in Semi-Urban Ghana: A Randomized Controlled Trial. *Journal of Nutrition*,	4.1	21
24	Effects of a lipid-based nutrient supplement during pregnancy and lactation on maternal plasma fatty acid status and lipid profile: Results of two randomized controlled trials. *Prostaglandins Leukotrienes and Essential Fatty Acids*, **2017**, 117, 28-35	2.8	15
23	Impact of small quantity lipid-based nutrient supplements on infant and young child feeding practices at 18 months of age: results from four randomized controlled trials in Africa. *Maternal and Child Nutrition*, **2017**, 13, e12377	3.4	26

22	Predictors and pathways of language and motor development in four prospective cohorts of young children in Ghana, Malawi, and Burkina Faso. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2017**, 58, 1264-1275	7.9	34
21	Meeting nutritional needs in the first 1000 days: a place for small-quantity lipid-based nutrient supplements. *Annals of the New York Academy of Sciences*, **2017**, 1392, 18-29	6.5	22
20	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. *The Lancet Global Health*, **2017**, 5, e1090-e1100	13.6	119
19	Malaria, malnutrition, and birthweight: A meta-analysis using individual participant data. *PLoS Medicine*, **2017**, 14, e1002373	11.6	25
18	Maternal plasma cholesterol and duration of pregnancy: A prospective cohort study in Ghana. *Maternal and Child Nutrition*, **2017**, 13,	3.4	5
17	Maternal and Child Supplementation with Lipid-Based Nutrient Supplements, but Not Child Supplementation Alone, Decreases Self-Reported Household Food Insecurity in Some Settings. *Journal of Nutrition*, **2017**, 147, 2309-2318	4.1	7
16	A mixed method study exploring adherence to and acceptability of small quantity lipid-based nutrient supplements (SQ-LNS) among pregnant and lactating women in Ghana and Malawi. *BMC Pregnancy and Childbirth*, **2016**, 16, 253	3.2	21
15	Lipid-Based Nutrient Supplements Providing Approximately the Recommended Daily Intake of Vitamin A Do Not Increase Breast Milk Retinol Concentrations among Ghanaian Women. *Journal of Nutrition*, **2016**, 146, 335-42	4.1	10
14	Late-Pregnancy Salivary Cortisol Concentrations of Ghanaian Women Participating in a Randomized Controlled Trial of Prenatal Lipid-Based Nutrient Supplements. *Journal of Nutrition*, **2016**, 146, 343-52	4.1	11
13	Effects of pre- and post-natal lipid-based nutrient supplements on infant development in a randomized trial in Ghana. *Early Human Development*, **2016**, 99, 43-51	2.2	32
12	Maternal Malaria and Malnutrition (M3) initiative, a pooled birth cohort of 13 pregnancy studies in Africa and the Western Pacific. *BMJ Open*, **2016**, 6, e012697	3	4
11	Small-quantity, lipid-based nutrient supplements provided to women during pregnancy and 6 mo postpartum and to their infants from 6 mo of age increase the mean attained length of 18-mo-old children in semi-urban Ghana: a randomized controlled trial. *American Journal of Clinical Nutrition*, **2016**, 104, 797-808	7	81
10	Linear Growth and Child Development in Burkina Faso, Ghana, and Malawi. *Pediatrics*, **2016**, 138,	7.4	22
9	Lipid-based nutrient supplement increases the birth size of infants of primiparous women in Ghana. *American Journal of Clinical Nutrition*, **2015**, 101, 835-46	7	101
8	Associations of Maternal Cortisol, Inflammation, Hemoglobin, Iron Status, and BMI with Birth Outcomes in Pregnant Women in Ghana. *FASEB Journal*, **2015**, 29, 579.1	0.9	6
7	Effect of Small-Quantity Lipid-Based Nutrient Supplement (SQ-LNS) on Breast Milk Vitamin A Concentration among Ghanaian Women. *FASEB Journal*, **2015**, 29, 898.17	0.9	
6	Lipid-based nutrient supplementation during pregnancy decreases maternal cortisol in younger women (389.6). *FASEB Journal*, **2014**, 28, 389.6	0.9	
5	Lipid-based nutrient supplement for pregnant women improve birth outcomes among primiparous but not multiparous women in Ghana (256.7). *FASEB Journal*, **2014**, 28, 256.7	0.9	1

4	Acceptability of lipid-based nutrient supplements (LNS) among Ghanaian infants and pregnant or lactating women. *Maternal and Child Nutrition*, **2011**, 7, 344-56	3.4	70
3	Home fortification of complementary foods with micronutrient supplements is well accepted and has positive effects on infant iron status in Ghana. *American Journal of Clinical Nutrition*, **2008**, 87, 929-38	7	151
2	Randomized comparison of 3 types of micronutrient supplements for home fortification of complementary foods in Ghana: effects on growth and motor development. *American Journal of Clinical Nutrition*, **2007**, 86, 412-20	7	254
1	Characteristics that modify the effect of small-quantity lipid-based nutrient supplementation on child growth: an individual participant data meta-analysis of randomized controlled trials		2