

# Andrew M Prentice

## List of Publications by Year in descending order

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236  
papers

17,244  
citations

17429

63  
h-index

16636

123  
g-index

245  
all docs

245  
docs citations

245  
times ranked

20059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity in Britain: gluttony or sloth?. <i>BMJ: British Medical Journal</i> , 1995, 311, 437-439.	2.4	913
2	The emerging epidemic of obesity in developing countries. <i>International Journal of Epidemiology</i> , 2006, 35, 93-99.	0.9	888
3	Origins of lifetime health around the time of conception: causes and consequences. <i>Lancet, The</i> , 2018, 391, 1842-1852.	6.3	771
4	Critical windows for nutritional interventions against stunting. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 911-918.	2.2	663
5	Fast foods, energy density and obesity: a possible mechanistic link. <i>Obesity Reviews</i> , 2003, 4, 187-194.	3.1	592
6	Hepcidin and the Iron-Infection Axis. <i>Science</i> , 2012, 338, 768-772.	6.0	563
7	Maternal nutrition at conception modulates DNA methylation of human metastable epialleles. <i>Nature Communications</i> , 2014, 5, 3746.	5.8	428
8	Season of Conception in Rural Gambia Affects DNA Methylation at Putative Human Metastable Epialleles. <i>PLoS Genetics</i> , 2010, 6, e1001252.	1.5	393
9	Viral infection and iron metabolism. <i>Nature Reviews Microbiology</i> , 2008, 6, 541-552.	13.6	386
10	Modification of immune function through exposure to dietary aflatoxin in Gambian children.. <i>Environmental Health Perspectives</i> , 2003, 111, 217-220.	2.8	370
11	Energy Expenditure and Wasting in Human Immunodeficiency Virus Infection. <i>New England Journal of Medicine</i> , 1995, 333, 83-88.	13.9	369
12	Towards a new developmental synthesis: adaptive developmental plasticity and human disease. <i>Lancet, The</i> , 2009, 373, 1654-1657.	6.3	368
13	Widespread seasonal gene expression reveals annual differences in human immunity and physiology. <i>Nature Communications</i> , 2015, 6, 7000.	5.8	367
14	Effects on birth weight and perinatal mortality of maternal dietary supplements in rural gambia: 5 year randomised controlled trial. <i>BMJ: British Medical Journal</i> , 1997, 315, 786-790.	2.4	332
15	What's normal? Oligosaccharide concentrations and profiles in milk produced by healthy women vary geographically. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1086-1100.	2.2	297
16	Nutrition in adolescents: physiology, metabolism, and nutritional needs. <i>Annals of the New York Academy of Sciences</i> , 2017, 1393, 21-33.	1.8	279
17	Aflatoxin exposure in utero causes growth faltering in Gambian infants. <i>International Journal of Epidemiology</i> , 2007, 36, 1119-1125.	0.9	267
18	The use of heart rate monitoring in the estimation of energy expenditure: a validation study using indirect whole-body calorimetry. <i>British Journal of Nutrition</i> , 1989, 61, 175-186.	1.2	264

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19	Season of birth predicts mortality in rural Gambia. <i>Nature</i> , 1997, 388, 434-434.	13.7	259
20	Adolescence and the next generation. <i>Nature</i> , 2018, 554, 458-466.	13.7	238
21	Insights from the developing world: thrifty genotypes and thrifty phenotypes. <i>Proceedings of the Nutrition Society</i> , 2005, 64, 153-161.	0.4	171
22	Growth and Morbidity of Gambian Infants are Influenced by Maternal Milk Oligosaccharides and Infant Gut Microbiota. <i>Scientific Reports</i> , 2017, 7, 40466.	1.6	152
23	Early programming of adult diseases in resource poor countries. <i>Archives of Disease in Childhood</i> , 2005, 90, 429-432.	1.0	150
24	Hepcidin is the major predictor of erythrocyte iron incorporation in anemic African children. <i>Blood</i> , 2012, 119, 1922-1928.	0.6	149
25	Independent genomewide screens identify the tumor suppressor VTRNA2-1 as a human epiallele responsive to periconceptual environment. <i>Genome Biology</i> , 2015, 16, 118.	13.9	149
26	What's Normal? Microbiomes in Human Milk and Infant Feces Are Related to Each Other but Vary Geographically: The INSPIRE Study. <i>Frontiers in Nutrition</i> , 2019, 6, 45.	1.6	148
27	De novo lipogenesis during controlled overfeeding with sucrose or glucose in lean and obese women. <i>American Journal of Clinical Nutrition</i> , 2001, 74, 737-746.	2.2	144
28	Energy adaptations in human pregnancy: limits and long-term consequences. <i>American Journal of Clinical Nutrition</i> , 2000, 71, 1226S-1232S.	2.2	141
29	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. <i>Nature Communications</i> , 2019, 10, 1893.	5.8	140
30	Maternal nutritional status, C1 metabolism and offspring DNA methylation: a review of current evidence in human subjects. <i>Proceedings of the Nutrition Society</i> , 2012, 71, 154-165.	0.4	139
31	DNA methylation potential: dietary intake and blood concentrations of one-carbon metabolites and cofactors in rural African women. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1217-1227.	2.2	131
32	Differential effects of seasonality on preterm birth and intrauterine growth restriction in rural Africans. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 134-139.	2.2	130
33	Landscape Analysis of Interactions between Nutrition and Vaccine Responses in Children. <i>Journal of Nutrition</i> , 2009, 139, 2154S-2218S.	1.3	121
34	Early influences on human energy regulation: Thrifty genotypes and thrifty phenotypes. <i>Physiology and Behavior</i> , 2005, 86, 640-645.	1.0	113
35	The relationship between wasting and stunting: a retrospective cohort analysis of longitudinal data in Gambian children from 1976 to 2016. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 498-507.	2.2	111
36	Interindividual Variation in DNA Methylation at a Putative POMC Metastable Epiallele Is Associated with Obesity. <i>Cell Metabolism</i> , 2016, 24, 502-509.	7.2	110

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37	Improved thymic function in exclusively breastfed infants is associated with higher interleukin 7 concentrations in their mothers' breast milk. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 722-728.	2.2	104
38	Host iron status and iron supplementation mediate susceptibility to erythrocytic stage <i>Plasmodium falciparum</i> . <i>Nature Communications</i> , 2014, 5, 4446.	5.8	102
39	Physiological responses to slimming. <i>Proceedings of the Nutrition Society</i> , 1991, 50, 441-458.	0.4	101
40	Energy Intake/Physical Activity Interactions in the Homeostasis of Body Weight Regulation. <i>Nutrition Reviews</i> , 2004, 62, S98-S104.	2.6	101
41	Dietary strategies for improving iron status: balancing safety and efficacy. <i>Nutrition Reviews</i> , 2017, 75, 49-60.	2.6	100
42	Expression of the Iron Hormone Heparin Distinguishes Different Types of Anemia in African Children. <i>Science Translational Medicine</i> , 2014, 6, 235re3.	5.8	95
43	Long-chain PUFA supplementation in rural African infants: a randomized controlled trial of effects on gut integrity, growth, and cognitive development. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 45-57.	2.2	94
44	Effect of Supplementation with Zinc and Other Micronutrients on Malaria in Tanzanian Children: A Randomised Trial. <i>PLoS Medicine</i> , 2011, 8, e1001125.	3.9	92
45	Iron Metabolism, Malaria, and Other Infections: What Is All the Fuss About?. <i>Journal of Nutrition</i> , 2008, 138, 2537-2541.	1.3	91
46	FTO gene variation and measures of body mass in an African population. <i>BMC Medical Genetics</i> , 2009, 10, 21.	2.1	91
47	Epigenetic supersimilarity of monozygotic twin pairs. <i>Genome Biology</i> , 2018, 19, 2.	3.8	89
48	Exposure to aflatoxin B <sub>1</sub> in utero is associated with DNA methylation in white blood cells of infants in The Gambia. <i>International Journal of Epidemiology</i> , 2015, 44, 1238-1248.	0.9	88
49	Oral iron acutely elevates bacterial growth in human serum. <i>Scientific Reports</i> , 2015, 5, 16670.	1.6	86
50	Starvation in humans: Evolutionary background and contemporary implications. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 976-981.	2.2	83
51	Elevated Iron Status Strongly Predicts Mortality in West African Adults With HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2007, 46, 498-507.	0.9	81
52	Distinct patterns of hepcidin and iron regulation during HIV-1, HBV, and HCV infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12187-12192.	3.3	79
53	The Role of Nutrition in COVID-19 Susceptibility and Severity of Disease: A Systematic Review. <i>Journal of Nutrition</i> , 2021, 151, 1854-1878.	1.3	79
54	Fires of life: the struggles of an ancient metabolism in a modern world. <i>Nutrition Bulletin</i> , 2001, 26, 13-27.	0.8	78

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55	Iron and infection: effects of host iron status and the iron-regulatory genes haptoglobin and NRAMP1 (SLC11A1) on host-pathogen interactions in tuberculosis and HIV. <i>Clinical Science</i> , 2006, 110, 503-524.	1.8	77
56	Fat and energy needs of children in developing countries. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 1253s-1265s.	2.2	76
57	Birth weight predicts response to vaccination in adults born in an urban slum in Lahore, Pakistan. <i>American Journal of Clinical Nutrition</i> , 2004, 80, 453-459.	2.2	74
58	Oral contraceptives for pain associated with endometriosis. <i>The Cochrane Library</i> , 2007, , CD001019.	1.5	72
59	The thymus: a barometer of malnutrition. <i>British Journal of Nutrition</i> , 1999, 81, 345-347.	1.2	71
60	Cohort Profile: The Kiang West Longitudinal Population Study (KWLPS) a platform for integrated research and health care provision in rural Gambia. <i>International Journal of Epidemiology</i> , 2017, 46, dyv206.	0.9	71
61	A genomic atlas of systemic interindividual epigenetic variation in humans. <i>Genome Biology</i> , 2019, 20, 105.	3.8	70
62	Cross-Cultural Differences in Lactational Performance. , 1986, , 13-44.		70
63	Obesity and Undernutrition and Cardiovascular Risk Factors in Rural and Urban Gambian Communities. <i>American Journal of Public Health</i> , 2001, 91, 1641-1644.	1.5	69
64	A randomized trial to investigate the effects of pre-natal and infant nutritional supplementation on infant immune development in rural Gambia: the ENID trial: Early Nutrition and Immune Development. <i>BMC Pregnancy and Childbirth</i> , 2012, 12, 107.	0.9	69
65	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
66	New challenges in studying nutrition-disease interactions in the developing world. <i>Journal of Clinical Investigation</i> , 2008, 118, 1322-1329.	3.9	66
67	Fifty-year mortality trends in three rural African villages. <i>Tropical Medicine and International Health</i> , 2004, 9, 1151-1160.	1.0	65
68	Mid-upper arm circumference at age of routine infant vaccination to identify infants at elevated risk of death: a retrospective cohort study in the Gambia. <i>Bulletin of the World Health Organization</i> , 2012, 90, 887-894.	1.5	65
69	Energy-sparing strategies to protect human fetal growth. <i>American Journal of Obstetrics and Gynecology</i> , 1994, 171, 118-125.	0.7	64
70	Effectiveness of an early supplementation scheme of high-dose vitamin A versus standard WHO protocol in Gambian mothers and infants: a randomised controlled trial. <i>Lancet</i> , 2007, 369, 2088-2096.	6.3	64
71	Type 2 diabetes, cardiovascular disease, and the evolutionary paradox of the polycystic ovary syndrome: A fertility first hypothesis. <i>American Journal of Human Biology</i> , 2009, 21, 587-598.	0.8	62
72	Dairy products in global public health. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 1212S-1216S.	2.2	62

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73	Association of physical activity with body-composition indexes in children aged 6â€“8 y at varied risk of obesity. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 13-20.	2.2	61
74	Iron Metabolism and Malaria. <i>Food and Nutrition Bulletin</i> , 2007, 28, S524-S539.	0.5	61
75	Serum Hepcidin Concentrations Decline during Pregnancy and May Identify Iron Deficiency: Analysis of a Longitudinal Pregnancy Cohort in The Gambia. <i>Journal of Nutrition</i> , 2017, 147, 1131-1137.	1.3	61
76	Combinatorial effects of malaria season, iron deficiency, and inflammation determine plasma hepcidin concentration in African children. <i>Blood</i> , 2014, 123, 3221-3229.	0.6	60
77	Growth faltering in rural Gambian children after four decades of interventions: a retrospective cohort study. <i>The Lancet Global Health</i> , 2017, 5, e208-e216.	2.9	60
78	Seasonal Childhood Anaemia in West Africa Is Associated with the Haptoglobin 2-2 Genotype. <i>PLoS Medicine</i> , 2006, 3, e172.	3.9	60
79	Establishment of environmentally sensitive DNA methylation states in the very early human embryo. <i>Science Advances</i> , 2018, 4, eaat2624.	4.7	59
80	Intrauterine factors, adiposity, and hyperinsulinaemia. <i>BMJ: British Medical Journal</i> , 2003, 327, 880-881.	2.4	58
81	FGF23 is correlated with iron status but not with inflammation and decreases after iron supplementation: a supplementation study. <i>International Journal of Pediatric Endocrinology (Springer)</i> , 2012, 2012, 27.	1.6	57
82	The Double Burden of Malnutrition in Countries Passing through the Economic Transition. <i>Annals of Nutrition and Metabolism</i> , 2018, 72, 47-54.	1.0	57
83	Overeating: The Health Risks. <i>Obesity</i> , 2001, 9, 234S-238S.	4.0	56
84	Reducing anaemia in low income countries: control of infection is essential. <i>BMJ: British Medical Journal</i> , 2018, 362, k3165.	2.4	55
85	Impaired growth in rural Gambian infants exposed to aflatoxin: a prospective cohort study. <i>BMC Public Health</i> , 2018, 18, 1247.	1.2	51
86	Candidate genes linking maternal nutrient exposure to offspring health via DNA methylation: a review of existing evidence in humans with specific focus on one-carbon metabolism. <i>International Journal of Epidemiology</i> , 2018, 47, 1910-1937.	0.9	51
87	Iron Incorporation and Post-Malaria Anaemia. <i>PLoS ONE</i> , 2008, 3, e2133.	1.1	48
88	Randomised controlled trial of educational package on management of menorrhagia in primary care: the Anglia menorrhagia education study. <i>BMJ: British Medical Journal</i> , 1999, 318, 1246-1250.	2.4	47
89	Estimating the burden of iron deficiency among African children. <i>BMC Medicine</i> , 2020, 18, 31.	2.3	47
90	A Critical Evaluation of the Fetal Origins Hypothesis and Its Implications for Developing Countries. <i>Journal of Nutrition</i> , 2004, 134, 191-193.	1.3	46

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91	Effect of month of vaccine administration on antibody responses in The Gambia and Pakistan. <i>Tropical Medicine and International Health</i> , 2006, 11, 1529-1541.	1.0	46
92	Safety and benefits of antenatal oral iron supplementation in low-income countries: a review. <i>British Journal of Haematology</i> , 2017, 177, 884-895.	1.2	45
93	Mortality in HIV infection is independently predicted by host iron status and SLC11A1 and HP genotypes, with new evidence of a gene-nutrient interaction. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 225-233.	2.2	44
94	Immune function in rural Gambian children is not related to season of birth, birth size, or maternal supplementation status. <i>American Journal of Clinical Nutrition</i> , 2001, 74, 840-847.	2.2	43
95	Following the World Health Organization's Recommendation of Exclusive Breastfeeding to 6 Months of Age Does Not Impact the Growth of Rural Gambian Infants. <i>Journal of Nutrition</i> , 2017, 147, 248-255.	1.3	42
96	Host-Pathogen Interactions: Can Micronutrients Tip the Balance?1. <i>Journal of Nutrition</i> , 2007, 137, 1334-1337.	1.3	38
97	Tumor necrosis factor SNP haplotypes are associated with iron deficiency anemia in West African children. <i>Blood</i> , 2008, 112, 4276-4283.	0.6	38
98	Models of endometriosis and their utility in studying progression to ovarian clear cell carcinoma. <i>Journal of Pathology</i> , 2016, 238, 185-196.	2.1	38
99	Iron delocalisation in the pathogenesis of malarial anaemia. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2010, 104, 175-184.	0.7	35
100	Seasonal and gestation stage associated differences in aflatoxin exposure in pregnant Gambian women. <i>Tropical Medicine and International Health</i> , 2014, 19, 348-354.	1.0	35
101	Micronutrient Deficiencies, Nutritional Status and the Determinants of Anemia in Children 0-59 Months of Age and Non-Pregnant Women of Reproductive Age in The Gambia. <i>Nutrients</i> , 2019, 11, 2275.	1.7	35
102	Malaria is a cause of iron deficiency in African children. <i>Nature Medicine</i> , 2021, 27, 653-658.	15.2	35
103	Leptin and Undernutrition. <i>Nutrition Reviews</i> , 2002, 60, S56-S67.	2.6	34
104	Thymus development and infant and child mortality in rural Bangladesh. <i>International Journal of Epidemiology</i> , 2014, 43, 216-223.	0.9	34
105	Rapid growth is a dominant predictor of hepcidin suppression and declining ferritin in Gambian infants. <i>Haematologica</i> , 2019, 104, 1542-1553.	1.7	34
106	Variation in Human Milk Composition Is Related to Differences in Milk and Infant Fecal Microbial Communities. <i>Microorganisms</i> , 2021, 9, 1153.	1.6	34
107	Birth season and environmental influences on blood leucocyte and lymphocyte subpopulations in rural Gambian infants. <i>BMC Immunology</i> , 2008, 9, 18.	0.9	32
108	Periconceptional multiple-micronutrient supplementation and placental function in rural Gambian women: a double-blind, randomized, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1450-1459.	2.2	32

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109	Statistical modelling of the seasonality of preterm delivery and intrauterine growth restriction in rural Gambia. <i>Paediatric and Perinatal Epidemiology</i> , 2006, 20, 251-259.	0.8	31
110	Growth Faltering in Low-Income Countries. <i>World Review of Nutrition and Dietetics</i> , 2013, 106, 90-99.	0.1	31
111	Thresholds of socio-economic and environmental conditions necessary to escape from childhood malnutrition: a natural experiment in rural Gambia. <i>BMC Medicine</i> , 2018, 16, 199.	2.3	30
112	Respiratory infections drive hepcidin-mediated blockade of iron absorption leading to iron deficiency anemia in African children. <i>Science Advances</i> , 2019, 5, eaav9020.	4.7	30
113	Gut microbiomes from Gambian infants reveal the development of a non-industrialized Prevotella-based trophic network. <i>Nature Microbiology</i> , 2022, 7, 132-144.	5.9	30
114	Micronutrient Supplementation and Infection: A Double-Edged Sword?. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2002, 34, 346-352.	0.9	29
115	Efficiency of autoregulatory homeostatic responses to imposed caloric excess in lean men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E416-E424.	1.8	29
116	Macronutrients as sources of food energy. <i>Public Health Nutrition</i> , 2005, 8, 932-939.	1.1	28
117	Obesity amidst poverty. <i>International Journal of Epidemiology</i> , 2006, 35, 24-30.	0.9	28
118	Clinical Implications of New Insights into Hepcidin-Mediated Regulation of Iron Absorption and Metabolism. <i>Annals of Nutrition and Metabolism</i> , 2017, 71, 40-48.	1.0	27
119	Household composition and the infant fecal microbiome: The INSPIRE study. <i>American Journal of Physical Anthropology</i> , 2019, 169, 526-539.	2.1	27
120	Malaria and Age Variably but Critically Control Hepcidin Throughout Childhood in Kenya. <i>EBioMedicine</i> , 2015, 2, 1478-1486.	2.7	26
121	Elevated Hepcidin Is Part of a Complex Relation That Links Mortality with Iron Homeostasis and Anemia in Men and Women with HIV Infection. <i>Journal of Nutrition</i> , 2015, 145, 1194-1201.	1.3	26
122	The Demographic Transition Influences Variance in Fitness and Selection on Height and BMI in Rural Gambia. <i>Current Biology</i> , 2013, 23, 884-889.	1.8	25
123	High blood pressure and associated risk factors as indicator of preclinical hypertension in rural West Africa. <i>Medicine (United States)</i> , 2017, 96, e6170.	0.4	24
124	Key genetic variants associated with variation of milk oligosaccharides from diverse human populations. <i>Genomics</i> , 2021, 113, 1867-1875.	1.3	24
125	A novel nano-iron supplement to safely combat iron deficiency and anaemia in young children: The IHAT-GUT double-blind, randomised, placebo-controlled trial protocol. <i>Gates Open Research</i> , 2018, 2, 48.	2.0	24
126	Association of prenatal lipid-based nutritional supplementation with fetal growth in rural Gambia. <i>Maternal and Child Nutrition</i> , 2017, 13, e12367.	1.4	23



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127	Long-term impact of West African food system responses to COVID-19. <i>Nature Food</i> , 2020, 1, 768-770.	6.2	23
128	Dietary supplementation and rapid catch-up growth after acute diarrhoea in childhood. <i>British Journal of Nutrition</i> , 1996, 76, 479-490.	1.2	21
129	Efficacy and safety of hepcidin-based screen-and-treat approaches using two different doses versus a standard universal approach of iron supplementation in young children in rural Gambia: a double-blind randomised controlled trial. <i>BMC Pediatrics</i> , 2016, 16, 149.	0.7	21
130	Hepcidin detects iron deficiency in <sc>S</sc>ri <sc>L</sc>ankan adolescents with a high burden of hemoglobinopathy: A diagnostic test accuracy study. <i>American Journal of Hematology</i> , 2017, 92, 196-203.	2.0	21
131	Iron for Africaâ€”Report of an Expert Workshop. <i>Nutrients</i> , 2017, 9, 576.	1.7	21
132	Effect of maternal preconceptional and pregnancy micronutrient interventions on childrenâ€™s DNA methylation: Findings from the EMPHASIS study. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1099-1113.	2.2	21
133	Safety and benefits of interventions to increase folate status in malariaâ€™endemic areas. <i>British Journal of Haematology</i> , 2017, 177, 905-918.	1.2	20
134	The ferroportin Q248H mutation protects from anemia, but not malaria or bacteremia. <i>Science Advances</i> , 2019, 5, eaaw0109.	4.7	20
135	Maternal plasma lipid levels across pregnancy and the risks of small-for-gestational age and low birth weight: a cohort study from rural Gambia. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 153.	0.9	20
136	ERP markers are associated with neurodevelopmental outcomes in 1â€™5 month old infants in rural Africa and the UK. <i>NeuroImage</i> , 2020, 210, 116591.	2.1	20
137	Intergenerational effects of maternal birth season on offspring size in rural Gambia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 4253-4262.	1.2	19
138	Host iron status and erythropoietic response to iron supplementation determines susceptibility to the RBC stage of falciparum malaria during pregnancy. <i>Scientific Reports</i> , 2017, 7, 17674.	1.6	19
139	A double blind randomised controlled trial comparing standard dose of iron supplementation for pregnant women with two screen-and-treat approaches using hepcidin as a biomarker for ready and safe to receive iron. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 157.	0.9	18
140	Daily home fortification with iron as ferrous fumarate versus NaFeEDTA: a randomised, placebo-controlled, non-inferiority trial in Kenyan children. <i>BMC Medicine</i> , 2017, 15, 89.	2.3	18
141	Influence of intergenerational in utero parental energy and nutrient restriction on offspring growth in rural Gambia. <i>FASEB Journal</i> , 2017, 31, 4928-4934.	0.2	17
142	Ready-to-use food supplement, with or without arginine and citrulline, with daily chloroquine in Tanzanian children with sickle-cell disease: a double-blind, random order crossover trial. <i>Lancet Haematology</i> , 2018, 5, e147-e160.	2.2	17
143	Hepcidin-guided screen-and-treat interventions against iron-deficiency anaemia in pregnancy: a randomised controlled trial in The Gambia. <i>The Lancet Global Health</i> , 2019, 7, e1564-e1574.	2.9	17
144	Prevalence and predictors of vitamin D deficiency in young African children. <i>BMC Medicine</i> , 2021, 19, 115.	2.3	17

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145	Developmental changes in leptin as a measure of energy status in human infants in a natural ecologic setting. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 488-494.	2.2	16
146	Evidence for negative selection of gene variants that increase dependence on dietary choline in a Gambian cohort. <i>FASEB Journal</i> , 2015, 29, 3426-3435.	0.2	16
147	Impact of nutritional supplementation during pregnancy on antibody responses to diphtheria-tetanus-pertussis vaccination in infants: A randomised trial in The Gambia. <i>PLoS Medicine</i> , 2019, 16, e1002854.	3.9	16
148	Hepcidin mediates hypoferrremia and reduces the growth potential of bacteria in the immediate post-natal period in human neonates. <i>Scientific Reports</i> , 2019, 9, 16596.	1.6	16
149	Maternal One-Carbon Metabolism and Infant DNA Methylation between Contrasting Seasonal Environments: A Case Study from The Gambia. <i>Current Developments in Nutrition</i> , 2019, 3, nzy082.	0.1	16
150	Obesity in Emerging Nations: Evolutionary Origins and the Impact of a Rapid Nutrition Transition. <i>Nestle Nutrition Workshop Series Paediatric Programme</i> , 2009, 63, 47-57.	1.5	15
151	Zinc as an adjunct therapy in the management of severe pneumonia among Gambian children: randomized controlled trial. <i>Journal of Global Health</i> , 2018, 8, 010418.	1.2	15
152	Thymic size is increased by infancy, but not pregnancy, nutritional supplementation in rural Gambian children: a randomized clinical trial. <i>BMC Medicine</i> , 2019, 17, 38.	2.3	15
153	Differences in the frequency of genetic variants associated with iron imbalance among global populations. <i>PLoS ONE</i> , 2020, 15, e0235141.	1.1	15
154	Measurement of long-term iron absorption and loss during iron supplementation using a stable isotope of iron ( <sup>57</sup> Fe). <i>British Journal of Haematology</i> , 2021, 192, 179-189.	1.2	15
155	Environmentally sensitive hotspots in the methylome of the early human embryo. <i>ELife</i> , 2022, 11, .	2.8	15
156	Protocol for the EMPHASIS study; epigenetic mechanisms linking maternal pre-conceptional nutrition and children's health in India and Sub-Saharan Africa. <i>BMC Nutrition</i> , 2017, 3, .	0.6	14
157	Are all calories equal?. , 1995, , 8-33.		14
158	Preconceptional and gestational weight trajectories and risk of delivering a small-for-gestational-age baby in rural Gambia,. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1474-1482.	2.2	13
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