Andrew M Prentice

List of Publications by Year
in descending order

236 papers	17,244 citations	17440 63 h-index	16650 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?. BMJ: British Medical Journal, 1995, 311, 437-439.	2.3	913
2	The emerging epidemic of obesity in developing countries. International Journal of Epidemiology, 2006, 35, 93-99.	1.9	888
3	Origins of lifetime health around the time of conception: causes and consequences. Lancet, The, 2018, 391, 1842-1852.	13.7	771
4	Critical windows for nutritional interventions against stunting. American Journal of Clinical Nutrition, 2013, 97, 911-918.	4.7	663
5	Fast foods, energy density and obesity: a possible mechanistic link. Obesity Reviews, 2003, 4, 187-194.	6.5	592
6	Hepcidin and the Iron-Infection Axis. Science, 2012, 338, 768-772.	12.6	563
7	Maternal nutrition at conception modulates DNA methylation of human metastable epialleles. Nature Communications, 2014, 5, 3746.	12.8	428
8	Season of Conception in Rural Gambia Affects DNA Methylation at Putative Human Metastable Epialleles. PLoS Genetics, 2010, 6, e1001252.	3.5	393
9	Viral infection and iron metabolism. Nature Reviews Microbiology, 2008, 6, 541-552.	28.6	386
10	Modification of immune function through exposure to dietary aflatoxin in Gambian children.. Environmental Health Perspectives, 2003, 111, 217-220.	6.0	370
11	Energy Expenditure and Wasting in Human Immunodeficiency Virus Infection. New England Journal of Medicine, 1995, 333, 83-88.	27.0	369
12	Towards a new developmental synthesis: adaptive developmental plasticity and human disease. Lancet, The, 2009, 373, 1654-1657.	13.7	368
13	Widespread seasonal gene expression reveals annual differences in human immunity and physiology. Nature Communications, 2015, 6, 7000.	12.8	367
14	Effects on birth weight and perinatal mortality of maternal dietary supplements in rural gambia: 5 year randomised controlled trial. BMJ: British Medical Journal, 1997, 315, 786-790.	2.3	332
15	Whatâ€™s normal? Oligosaccharide concentrations and profiles in milk produced by healthy women vary geographically ,. American Journal of Clinical Nutrition, 2017, 105, 1086-1100.	4.7	297
16	Nutrition in adolescents: physiology, metabolism, and nutritional needs. Annals of the New York Academy of Sciences, 2017, 1393, 21-33.	3.8	279
17	Aflatoxin exposure in utero causes growth faltering in Gambian infants. International Journal of Epidemiology, 2007, 36, 1119-1125.	1.9	267
18	The use of heart rate monitoring in the estimation of energy expenditure: a validation study using indirect whole-body calorimetry. British Journal of Nutrition, 1989, 61, 175-186.	2.3	264

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19	Season of birth predicts mortality in rural Gambia. Nature, 1997, 388, 434-434.	27.8	259
20	Adolescence and the next generation. Nature, 2018, 554, 458-466.	27.8	238
21	Insights from the developing world: thrifty genotypes and thrifty phenotypes. Proceedings of the Nutrition Society, 2005, 64, 153-161.	1.0	171
22	Growth and Morbidity of Gambian Infants are Influenced by Maternal Milk Oligosaccharides and Infant Gut Microbiota. Scientific Reports, 2017, 7, 40466.	3.3	152
23	Early programming of adult diseases in resource poor countries. Archives of Disease in Childhood, 2005, 90, 429-432.	1.9	150
24	Hepcidin is the major predictor of erythrocyte iron incorporation in anemic African children. Blood, 2012, 119, 1922-1928.	1.4	149
25	Independent genomewide screens identify the tumor suppressor VTRNA2-1 as a human epiallele responsive to periconceptional environment. Genome Biology, 2015, 16, 118.	9.6	149
26	What's Normal? Microbiomes in Human Milk and Infant Feces Are Related to Each Other but Vary Geographically: The INSPIRE Study. Frontiers in Nutrition, 2019, 6, 45.	3.7	148
27	De novo lipogenesis during controlled overfeeding with sucrose or glucose in lean and obese women. American Journal of Clinical Nutrition, 2001, 74, 737-746.	4.7	144
28	Energy adaptations in human pregnancy: limits and long-term consequences. American Journal of Clinical Nutrition, 2000, 71, 1226S-1232S.	4.7	141
29	Meta-analysis of epigenome-wide association studies in neonates reveals widespread differential DNA methylation associated with birthweight. Nature Communications, 2019, 10, 1893.	12.8	140
30	Maternal nutritional status, C1 metabolism and offspring DNA methylation: a review of current evidence in human subjects. Proceedings of the Nutrition Society, 2012, 71, 154-165.	1.0	139
31	DNA methylation potential: dietary intake and blood concentrations of one-carbon metabolites and cofactors in rural African women. American Journal of Clinical Nutrition, 2013, 97, 1217-1227.	4.7	131
32	Differential effects of seasonality on preterm birth and intrauterine growth restriction in rural Africans1â€“4,. American Journal of Clinical Nutrition, 2005, 81, 134-139.	4.7	130
33	Landscape Analysis of Interactions between Nutrition and Vaccine Responses in Children. Journal of Nutrition, 2009, 139, 2154S-2218S.	2.9	121
34	Early influences on human energy regulation: Thrifty genotypes and thrifty phenotypes. Physiology and Behavior, 2005, 86, 640-645.	2.1	113
35	The relationship between wasting and stunting: a retrospective cohort analysis of longitudinal data in Gambian children from 1976 to 2016. American Journal of Clinical Nutrition, 2019, 110, 498-507.	4.7	111
36	Interindividual Variation in DNA Methylation at a Putative POMC Metastable Epiallele Is Associated with Obesity. Cell Metabolism, 2016, 24, 502-509.	16.2	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. American Journal of Clinical Nutrition, 2004, 80, 722-728.	4.7	104
38	Host iron status and iron supplementation mediate susceptibility to erythrocytic stage Plasmodium falciparum. Nature Communications, 2014, 5, 4446.	12.8	102
39	Physiological responses to slimming. Proceedings of the Nutrition Society, 1991, 50, 441-458.	1.0	101
40	Energy Intake/Physical Activity Interactions in the Homeostasis of Body Weight Regulation. Nutrition Reviews, 2004, 62, S98-S104.	5.8	101
41	Dietary strategies for improving iron status: balancing safety and efficacy. Nutrition Reviews, 2017, 75, 49-60.	5.8	100
42	Expression of the Iron Hormone Hepcidin Distinguishes Different Types of Anemia in African Children. Science Translational Medicine, 2014, 6, 235re3.	12.4	95
43	Long-chain PUFA supplementation in rural African infants: a randomized controlled trial of effects on gut integrity, growth, and cognitive development. American Journal of Clinical Nutrition, 2013, 97, 45-57.	4.7	94
44	Effect of Supplementation with Zinc and Other Micronutrients on Malaria in Tanzanian Children: A Randomised Trial. PLoS Medicine, 2011, 8, e1001125.	8.4	92
45	Iron Metabolism, Malaria, and Other Infections: What Is All the Fuss About?. Journal of Nutrition, 2008, 138, 2537-2541.	2.9	91
46	FTOgene variation and measures of body mass in an African population. BMC Medical Genetics, 2009, 10, 21.	2.1	91
47	Epigenetic supersimilarity of monozygotic twin pairs. Genome Biology, 2018, 19, 2.	8.8	89
48	Exposure to aflatoxin B₁in uterois associated with DNA methylation in white blood cells of infants in The Gambia. International Journal of Epidemiology, 2015, 44, 1238-1248.	1.9	88
49	Oral iron acutely elevates bacterial growth in human serum. Scientific Reports, 2015, 5, 16670.	3.3	86
50	Starvation in humans: Evolutionary background and contemporary implications. Mechanisms of Ageing and Development, 2005, 126, 976-981.	4.6	83
51	Elevated Iron Status Strongly Predicts Mortality in West African Adults With HIV Infection. Journal of Acquired Immune Deficiency Syndromes (1999), 2007, 46, 498-507.	2.1	81
52	Distinct patterns of hepcidin and iron regulation during HIV-1, HBV, and HCV infections. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12187-12192.	7.1	79
53	The Role of Nutrition in COVID-19 Susceptibility and Severity of Disease: A Systematic Review. Journal of Nutrition, 2021, 151, 1854-1878.	2.9	79
54	Fires of life: the struggles of an ancient metabolism in a modern world. Nutrition Bulletin, 2001, 26, 13-27.	1.8	78

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55	Iron and infection: effects of host iron status and the iron-regulatory genes haptoglobin and NRAMP1 (SLC11A1) on hostâ€“pathogen interactions in tuberculosis and HIV. Clinical Science, 2006, 110, 503-524.	4.3	77
56	Fat and energy needs of children in developing countries. American Journal of Clinical Nutrition, 2000, 72, 1253s-1265s.	4.7	76
57	Birth weight predicts response to vaccination in adults born in an urban slum in Lahore, Pakistan. American Journal of Clinical Nutrition, 2004, 80, 453-459.	4.7	74
58	Oral contraceptives for pain associated with endometriosis. The Cochrane Library, 2007, , CD001019.	2.8	72
59	The thymus: a barometer of malnutrition. British Journal of Nutrition, 1999, 81, 345-347.	2.3	71
60	Cohort Profile: The Kiang West Longitudinal Population Study (KWLPS)â€”a platform for integrated research and health care provision in rural Gambia. International Journal of Epidemiology, 2017, 46, dyv206.	1.9	71
61	A genomic atlas of systemic interindividual epigenetic variation in humans. Genome Biology, 2019, 20, 105.	8.8	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. American Journal of Public Health, 2001, 91, 1641-1644.	2.7	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. BMC Pregnancy and Childbirth, 2012, 12, 107.	2.4	69
65	Effect of Daily Antenatal Iron Supplementation onPlasmodiumInfection in Kenyan Women. JAMA - Journal of the American Medical Association, 2015, 314, 1009.	7.4	67
66	New challenges in studying nutrition-disease interactions in the developing world. Journal of Clinical Investigation, 2008, 118, 1322-1329.	8.2	66
67	Fifty-year mortality trends in three rural African villages. Tropical Medicine and International Health, 2004, 9, 1151-1160.	2.3	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. Bulletin of the World Health Organization, 2012, 90, 887-894.	3.3	65
69	Energy-sparing strategies to protect human fetal growth. American Journal of Obstetrics and Gynecology, 1994, 171, 118-125.	1.3	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. Lancet, The, 2007, 369, 2088-2096.	13.7	64
71	Type 2 diabetes, cardiovascular disease, and the evolutionary paradox of the polycystic ovary syndrome: A fertility first hypothesis. American Journal of Human Biology, 2009, 21, 587-598.	1.6	62
72	Dairy products in global public health. American Journal of Clinical Nutrition, 2014, 99, 1212S-1216S.	4.7	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. American Journal of Clinical Nutrition, 2005, 82, 13-20.	4.7	61
74	Iron Metabolism and Malaria. Food and Nutrition Bulletin, 2007, 28, S524-S539.	1.4	61
75	Serum Hepcidin Concentrations Decline during Pregnancy and May Identify Iron Deficiency: Analysis of a Longitudinal Pregnancy Cohort in The Gambia. Journal of Nutrition, 2017, 147, 1131-1137.	2.9	61
76	Combinatorial effects of malaria season, iron deficiency, and inflammation determine plasma hepcidin concentration in African children. Blood, 2014, 123, 3221-3229.	1.4	60
77	Growth faltering in rural Gambian children after four decades of interventions: a retrospective cohort study. The Lancet Global Health, 2017, 5, e208-e216.	6.3	60
78	Seasonal Childhood Anaemia in West Africa Is Associated with the Haptoglobin 2-2 Genotype. PLoS Medicine, 2006, 3, e172.	8.4	60
79	Establishment of environmentally sensitive DNA methylation states in the very early human embryo. Science Advances, 2018, 4, eaat2624.	10.3	59
80	Intrauterine factors, adiposity, and hyperinsulinaemia. BMJ: British Medical Journal, 2003, 327, 880-881.	2.3	58
81	FGF23 is correlated with iron status but not with inflammation and decreases after iron supplementation: a supplementation study. International Journal of Pediatric Endocrinology (Springer), 2012, 2012, 27.	1.6	57
82	The Double Burden of Malnutrition in Countries Passing through the Economic Transition. Annals of Nutrition and Metabolism, 2018, 72, 47-54.	1.9	57
83	Overeating: The Health Risks. Obesity, 2001, 9, 234S-238S.	4.0	56
84	Reducing anaemia in low income countries: control of infection is essential. BMJ: British Medical Journal, 2018, 362, k3165.	2.3	55
85	Impaired growth in rural Gambian infants exposed to aflatoxin: a prospective cohort study. BMC Public Health, 2018, 18, 1247.	2.9	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. International Journal of Epidemiology, 2018, 47, 1910-1937.	1.9	51
87	Iron Incorporation and Post-Malaria Anaemia. PLoS ONE, 2008, 3, e2133.	2.5	48
88	Randomised controlled trial of educational package on management of menorrhagia in primary care: the Anglia menorrhagia education study. BMJ: British Medical Journal, 1999, 318, 1246-1250.	2.3	47
89	Estimating the burden of iron deficiency among African children. BMC Medicine, 2020, 18, 31.	5.5	47
90	A Critical Evaluation of the Fetal Origins Hypothesis and Its Implications for Developing Countries. Journal of Nutrition, 2004, 134, 191-193.	2.9	46

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91	Effect of month of vaccine administration on antibody responses in The Gambia and Pakistan. Tropical Medicine and International Health, 2006, 11, 1529-1541.	2.3	46
92	Safety and benefits of antenatal oral iron supplementation in lowâ€income countries: a review. British Journal of Haematology, 2017, 177, 884-895.	2.5	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. American Journal of Clinical Nutrition, 2009, 90, 225-233.	4.7	44
94	Immune function in rural Gambian children is not related to season of birth, birth size, or maternal supplementation status. American Journal of Clinical Nutrition, 2001, 74, 840-847.	4.7	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. Journal of Nutrition, 2017, 147, 248-255.	2.9	42
96	Host-Pathogen Interactions: Can Micronutrients Tip the Balance?1. Journal of Nutrition, 2007, 137, 1334-1337.	2.9	38
97	Tumor necrosis factor SNP haplotypes are associated with iron deficiency anemia in West African children. Blood, 2008, 112, 4276-4283.	1.4	38
98	Models of endometriosis and their utility in studying progression to ovarian clear cell carcinoma. Journal of Pathology, 2016, 238, 185-196.	4.5	38
99	Iron delocalisation in the pathogenesis of malarial anaemia. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2010, 104, 175-184.	1.8	35
100	Seasonal and gestation stage associated differences in aflatoxin exposure in pregnant Gambian women. Tropical Medicine and International Health, 2014, 19, 348-354.	2.3	35
101	Micronutrient Deficiencies, Nutritional Status and the Determinants of Anemia in Children 0â€“59 Months of Age and Non-Pregnant Women of Reproductive Age in The Gambia. Nutrients, 2019, 11, 2275.	4.1	35
102	Malaria is a cause of iron deficiency in African children. Nature Medicine, 2021, 27, 653-658.	30.7	35
103	Leptin and Undernutrition. Nutrition Reviews, 2002, 60, S56-S67.	5.8	34
104	Thymus development and infant and child mortality in rural Bangladesh. International Journal of Epidemiology, 2014, 43, 216-223.	1.9	34
105	Rapid growth is a dominant predictor of hepcidin suppression and declining ferritin in Gambian infants. Haematologica, 2019, 104, 1542-1553.	3.5	34
106	Variation in Human Milk Composition Is Related to Differences in Milk and Infant Fecal Microbial Communities. Microorganisms, 2021, 9, 1153.	3.6	34
107	Birth season and environmental influences on blood leucocyte and lymphocyte subpopulations in rural Gambian infants. BMC Immunology, 2008, 9, 18.	2.2	32
108	Periconceptional multiple-micronutrient supplementation and placental function in rural Gambian women: a double-blind, randomized, placebo-controlled trial. American Journal of Clinical Nutrition, 2015, 102, 1450-1459.	4.7	32

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109	Statistical modelling of the seasonality of preterm delivery and intrauterine growth restriction in rural Gambia. Paediatric and Perinatal Epidemiology, 2006, 20, 251-259.	1.7	31
110	Growth Faltering in Low-Income Countries. World Review of Nutrition and Dietetics, 2013, 106, 90-99.	0.3	31
111	Thresholds of socio-economic and environmental conditions necessary to escape from childhood malnutrition: a natural experiment in rural Gambia. BMC Medicine, 2018, 16, 199.	5.5	30
112	Respiratory infections drive hepcidin-mediated blockade of iron absorption leading to iron deficiency anemia in African children. Science Advances, 2019, 5, eaav9020.	10.3	30
113	Gut microbiomes from Gambian infants reveal the development of a non-industrialized Prevotella-based trophic network. Nature Microbiology, 2022, 7, 132-144.	13.3	30
114	Micronutrient Supplementation and Infection: A Double-Edged Sword?. Journal of Pediatric Gastroenterology and Nutrition, 2002, 34, 346-352.	1.8	29
115	Efficiency of autoregulatory homeostatic responses to imposed caloric excess in lean men. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E416-E424.	3.5	29
116	Macronutrients as sources of food energy. Public Health Nutrition, 2005, 8, 932-939.	2.2	28
117	Obesity amidst poverty. International Journal of Epidemiology, 2006, 35, 24-30.	1.9	28
118	Clinical Implications of New Insights into Hepcidin-Mediated Regulation of Iron Absorption and Metabolism. Annals of Nutrition and Metabolism, 2017, 71, 40-48.	1.9	27
119	Household composition and the infant fecal microbiome: The INSPIRE study. American Journal of Physical Anthropology, 2019, 169, 526-539.	2.1	27
120	Malaria and Age Variably but Critically Control Hepcidin Throughout Childhood in Kenya. EBioMedicine, 2015, 2, 1478-1486.	6.1	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. Journal of Nutrition, 2015, 145, 1194-1201.	2.9	26
122	The Demographic Transition Influences Variance in Fitness and Selection on Height and BMI in Rural Gambia. Current Biology, 2013, 23, 884-889.	3.9	25
123	High blood pressure and associated risk factors as indicator of preclinical hypertension in rural West Africa. Medicine (United States), 2017, 96, e6170.	1.0	24
124	Key genetic variants associated with variation of milk oligosaccharides from diverse human populations. Genomics, 2021, 113, 1867-1875.	2.9	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. Gates Open Research, 2018, 2, 48.	1.1	24
126	Association of prenatal lipidâ€based nutritional supplementation with fetal growth in rural Gambia. Maternal and Child Nutrition, 2017, 13, e12367.	3.0	23

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127	Long-term impact of West African food system responses to COVID-19. Nature Food, 2020, 1, 768-770.	14.0	23
128	Dietary supplementation and rapid catch-up growth after acute diarrhoea in childhood. British Journal of Nutrition, 1996, 76, 479-490.	2.3	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. BMC Pediatrics, 2016, 16, 149.	1.7	21
130	Hepcidin detects iron deficiency in <scp>S</scp>ri <scp>L</scp>ankan adolescents with a high burden of hemoglobinopathy: A diagnostic test accuracy study. American Journal of Hematology, 2017, 92, 196-203.	4.1	21
131	Iron for Africaâ€"Report of an Expert Workshop. Nutrients, 2017, 9, 576.	4.1	21
132	Effect of maternal preconceptional and pregnancy micronutrient interventions on childrenâ€™s DNA methylation: Findings from the EMPHASIS study. American Journal of Clinical Nutrition, 2020, 112, 1099-1113.	4.7	21
133	Safety and benefits of interventions to increase folate status in malariaâ€endemic areas. British Journal of Haematology, 2017, 177, 905-918.	2.5	20
134	The ferroportin Q248H mutation protects from anemia, but not malaria or bacteremia. Science Advances, 2019, 5, eaaw0109.	10.3	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. BMC Pregnancy and Childbirth, 2020, 20, 153.	2.4	20
136	ERP markers are associated with neurodevelopmental outcomes in 1â€“5 month old infants in rural Africa and the UK. NeuroImage, 2020, 210, 116591.	4.2	20
137	Intergenerational effects of maternal birth season on offspring size in rural Gambia. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 4253-4262.	2.6	19
138	Host iron status and erythropoietic response to iron supplementation determines susceptibility to the RBC stage of falciparum malaria during pregnancy. Scientific Reports, 2017, 7, 17674.	3.3	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. BMC Pregnancy and Childbirth, 2016, 16, 157.	2.4	18
140	Daily home fortification with iron as ferrous fumarate versus NaFeEDTA: a randomised, placebo-controlled, non-inferiority trial in Kenyan children. BMC Medicine, 2017, 15, 89.	5.5	18
141	Influence of intergenerational in utero parental energy and nutrient restriction on offspring growth in rural Gambia. FASEB Journal, 2017, 31, 4928-4934.	0.5	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. Lancet Haematology,the, 2018, 5, e147-e160.	4.6	17
143	Hepcidin-guided screen-and-treat interventions against iron-deficiency anaemia in pregnancy: a randomised controlled trial in The Gambia. The Lancet Global Health, 2019, 7, e1564-e1574.	6.3	17
144	Prevalence and predictors of vitamin D deficiency in young African children. BMC Medicine, 2021, 19, 115.	5.5	17

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145	Developmental changes in leptin as a measure of energy status in human infants in a natural ecologic setting. American Journal of Clinical Nutrition, 2005, 81, 488-494.	4.7	16
146	Evidence for negative selection of gene variants that increase dependence on dietary choline in a Gambian cohort. FASEB Journal, 2015, 29, 3426-3435.	0.5	16
147	Impact of nutritional supplementation during pregnancy on antibody responses to diphtheria-tetanus-pertussis vaccination in infants: A randomised trial in The Gambia. PLoS Medicine, 2019, 16, e1002854.	8.4	16
148	Hepcidin mediates hypoferremia and reduces the growth potential of bacteria in the immediate post-natal period in human neonates. Scientific Reports, 2019, 9, 16596.	3.3	16
149	Maternal One-Carbon Metabolism and Infant DNA Methylation between Contrasting Seasonal Environments: A Case Study from The Gambia. Current Developments in Nutrition, 2019, 3, nzy082.	0.3	16
150	Obesity in Emerging Nations: Evolutionary Origins and the Impact of a Rapid Nutrition Transition. Nestle Nutrition Workshop Series Paediatric Programme, 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. Journal of Global Health, 2018, 8, 010418.	2.7	15
152	Thymic size is increased by infancy, but not pregnancy, nutritional supplementation in rural Gambian children: a randomized clinical trial. BMC Medicine, 2019, 17, 38.	5.5	15
153	Differences in the frequency of genetic variants associated with iron imbalance among global populations. PLoS ONE, 2020, 15, e0235141.	2.5	15
154	Measurement of longâ€‰term iron absorption and loss during iron supplementation using a stable isotope of iron (⁵⁷Fe). British Journal of Haematology, 2021, 192, 179-189.	2.5	15
155	Environmentally sensitive hotspots in the methylome of the early human embryo. ELife, 2022, 11, .	6.0	15
156	Protocol for the EMPHASIS study; epigenetic mechanisms linking maternal pre-conceptional nutrition and childrenâ€™s health in India and Sub-Saharan Africa. BMC Nutrition, 2017, 3, .	1.6	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,. American Journal of Clinical Nutrition, 2017, 105, 1474-1482.	4.7	13
159	DNA methylation at a nutritionally sensitive region of the PAX8 gene is associated with thyroid volume and function in Gambian children. Science Advances, 2021, 7, eabj1561.	10.3	13
160	Marital Status and Sleeping Arrangements Predict Salivary Testosterone Levels in Rural Gambian Men. Adaptive Human Behavior and Physiology, 2017, 3, 221-240.	1.1	12
161	Interactions between fecal gut microbiome, enteric pathogens, and energy regulating hormones among acutely malnourished rural Gambian children. EBioMedicine, 2021, 73, 103644.	6.1	12
162	Energetics and the immune system: Trade-offs associated with non-acute levels of CRP in adolescent Gambian girls.. Evolution, Medicine and Public Health, 2017, 2017, eow034.	2.5	11

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163	Tackling the triple threats of childhood malnutrition. BMC Medicine, 2019, 17, 210.	5.5	11
164	Impact of fortified versus unfortified lipid-based supplements on morbidity and nutritional status: A randomised double-blind placebo-controlled trial in ill Gambian children. PLoS Medicine, 2017, 14, e1002377.	8.4	11
165	Long-term effects of perinatal nutrition on T lymphocyte kinetics in young Gambian men. American Journal of Clinical Nutrition, 2007, 85, 480-487.	4.7	10
166	Asymptomatic malaria in the etiology of iron deficiency anemia: a nutritionist's viewpoint. American Journal of Clinical Nutrition, 2010, 92, 1283-1284.	4.7	10
167	Vitamin D Deficiency and Its Association with Iron Deficiency in African Children. Nutrients, 2022, 14, 1372.	4.1	10
168	Commentary: Challenging public health orthodoxies--prophesy or heresy?. International Journal of Epidemiology, 2009, 38, 591-593.	1.9	9
169	Early-life and contemporaneous nutritional and environmental predictors of antibody response to vaccination in young Gambian adults. Vaccine, 2012, 30, 4842-4848.	3.8	9
170	Antenatal iron supplementation, FGF23, and bone metabolism in Kenyan women and their offspring: secondary analysis of a randomized controlled trial. American Journal of Clinical Nutrition, 2021, 113, 1104-1114.	4.7	9
171	Energy Balance in Pregnancy and Lactation. Advances in Experimental Medicine and Biology, 1994, 352, 11-26.	1.6	9
172	Identification of nutritionally modifiable hormonal and epigenetic drivers of positive and negative growth deviance in rural African fetuses and infants: Project protocol and cohort description. Gates Open Research, 2020, 4, 25.	1.1	9
173	Management of menorrhagia: an audit of practices in the Anglia menorrhagia education study. BMJ: British Medical Journal, 2001, 322, 523-524.	2.3	8
174	Regional Case Studies – Africa. Nestle Nutrition Workshop Series Paediatric Programme, 2009, 63, 33-46.	1.5	8
175	Decreased Hepcidin Levels Are Associated with Low Steady-state Hemoglobin in Children With Sickle Cell Disease in Tanzania. EBioMedicine, 2018, 34, 158-164.	6.1	8
176	Impact of fatty acid status on immune function of children in lowâ€income countries. Maternal and Child Nutrition, 2011, 7, 89-98.	3.0	7
177	Maternal perception of malnutrition among infants using verbal and pictorial methods in Kenya. Public Health Nutrition, 2015, 18, 869-876.	2.2	7
178	A pilot study of a non-invasive oral nitrate stable isotopic method suggests that arginine and citrulline supplementation increases whole-body NO production in Tanzanian children with sickle cell disease. Nitric Oxide - Biology and Chemistry, 2018, 74, 19-22.	2.7	7
179	Comparison of Two Approaches for the Metataxonomic Analysis of the Human Milk Microbiome. Frontiers in Cellular and Infection Microbiology, 2021, 11, 622550.	3.9	7
180	TV and Inactivity Are Separate Contributors to Metabolic Risk Factors in Children. PLoS Medicine, 2006, 3, e481.	8.4	6

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