

Ann Prentice

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,941
citations

147566

31
h-index

110170

64
g-index

71
all docs

71
docs citations

71
times ranked

6431
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin D deficiency in Europe: pandemic?. American Journal of Clinical Nutrition, 2016, 103, 1033-1044.	2.2	963
2	Critical windows for nutritional interventions against stunting. American Journal of Clinical Nutrition, 2013, 97, 911-918.	2.2	663
3	Vitamin D deficiency: a global perspective. Nutrition Reviews, 2008, 66, S153-S164.	2.6	398
4	Effect of calcium supplementation on bone mineral accretion in Gambian children accustomed to a low-calcium diet. American Journal of Clinical Nutrition, 2000, 71, 544-549.	2.2	210
5	CALCIUM IN PREGNANCY AND LACTATION. Annual Review of Nutrition, 2000, 20, 249-272.	4.3	191
6	Maternal gestational vitamin D supplementation and offspring bone health (MAVIDOS): a multicentre, double-blind, randomised placebo-controlled trial. Lancet Diabetes and Endocrinology, 2016, 4, 393-402.	5.5	188
7	Effect of a calcium and exercise intervention on the bone mineral status of 16-18-year-old adolescent girls. American Journal of Clinical Nutrition, 2003, 77, 985-992.	2.2	148
8	Symposium on "Nutrition and health in children and adolescents"™ Session 1: Nutrition in growth and development Nutrition and bone growth and development. Proceedings of the Nutrition Society, 2006, 65, 348-360.	0.4	129
9	Low bone mineral content is common but osteoporotic fractures are rare in elderly rural Gambian women. Journal of Bone and Mineral Research, 1996, 11, 1019-1025.	3.1	126
10	Nutritional rickets around the world. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 201-206.	1.2	117
11	Randomized, placebo-controlled, calcium supplementation study in pregnant Gambian women: effects on breast-milk calcium concentrations and infant birth weight, growth, and bone mineral accretion in the first year of life. American Journal of Clinical Nutrition, 2006, 83, 657-666.	2.2	115
12	Maternal plasma 25-hydroxyvitamin D concentration and birthweight, growth and bone mineral accretion of Gambian infants. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 1360-1362.	0.7	91
13	Micronutrients and the Bone Mineral Content of the Mother, Fetus and Newborn. Journal of Nutrition, 2003, 133, 1693S-1699S.	1.3	90
14	Calcium Supplementation Increases Stature and Bone Mineral Mass of 16- to 18-Year-Old Boys. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3153-3161.	1.8	87
15	Symposium on "Nutrition and health in children and adolescents"™ Session 1: Nutrition in growth and development Nutrition and bone growth and development. Proceedings of the Nutrition Society, 2006, 65, 348-360.	0.4	86
16	Energy and nutrient dietary reference values for children in Europe: methodological approaches and current nutritional recommendations. British Journal of Nutrition, 2004, 92, S83-S146.	1.2	81
17	Breast-milk fat concentrations of rural African women. British Journal of Nutrition, 1981, 45, 495-503.	1.2	76
18	Cohort Profile: The Kiang West Longitudinal Population Study (KWLPS)™ a platform for integrated research and health care provision in rural Gambia. International Journal of Epidemiology, 2017, 46, dyv206.	0.9	71

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19	Ethnic Differences in Bone Health. <i>Frontiers in Endocrinology</i> , 2015, 6, 24.	1.5	67
20	MAVIDOS Maternal Vitamin D Osteoporosis Study: study protocol for a randomized controlled trial. The MAVIDOS Study Group. <i>Trials</i> , 2012, 13, 13.	0.7	63
21	The relative contribution of diet and genotype to bone development. <i>Proceedings of the Nutrition Society</i> , 2001, 60, 45-52.	0.4	57
22	The effect of prepubertal calcium carbonate supplementation on the age of peak height velocity in Gambian adolescents. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 1042-1050.	2.2	52
23	Nutritional supplementation during pregnancy and offspring cardiovascular disease risk in The Gambia. <i>American Journal of Clinical Nutrition</i> , 2011, 94, S1853-S1860.	2.2	49
24	An appraisal of vitamin B ₆ status indices and associated confounders, in young people aged 4–18 years and in people aged 65 years and over, in two national British surveys. <i>Public Health Nutrition</i> , 1999, 2, 529-535.	1.1	45
25	Baseline Assessment of 25-Hydroxyvitamin D Assay Performance: A Vitamin D Standardization Program (VDSP) Interlaboratory Comparison Study. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1244-1252.	0.7	45
26	Response to Antenatal Cholecalciferol Supplementation Is Associated With Common Vitamin D-Related Genetic Variants. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2941-2949.	1.8	44
27	Determinants of the Maternal 25-Hydroxyvitamin D Response to Vitamin D Supplementation During Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 5012-5020.	1.8	38
28	The effect of long-term calcium supplementation on indices of iron, zinc and magnesium status in lactating Gambian women. <i>British Journal of Nutrition</i> , 1996, 76, 821-831.	1.2	37
29	The prevalence of sarcopenia and relationships between muscle and bone in ageing West African Gambian men and women. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 920-928.	2.9	36
30	Gestational Vitamin D Supplementation Leads to Reduced Perinatal RXRA DNA Methylation: Results From the MAVIDOS Trial. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 231-240.	3.1	36
31	Effect of maternal calcium supplementation on offspring blood pressure in 5- to 10-y-old rural Gambian children. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 741-747.	2.2	34
32	Diurnal rhythms of vitamin D binding protein and total and free vitamin D metabolites. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 172, 130-135.	1.2	33
33	Life Course Dietary Patterns and Bone Health in Later Life in a British Birth Cohort Study. <i>Journal of Bone and Mineral Research</i> , 2016, 31, 1167-1176.	3.1	31
34	PASSCLAIM - Bone health and osteoporosis. <i>European Journal of Nutrition</i> , 2003, 42, 1-1.	1.8	27
35	Dietary intake and body composition in HIV-positive and -negative South African women. <i>Public Health Nutrition</i> , 2014, 17, 1603-1613.	1.1	27
36	Vitamin D expenditure is not altered in pregnancy and lactation despite changes in vitamin D metabolite concentrations. <i>Scientific Reports</i> , 2016, 6, 26795.	1.6	27

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37	Randomized, placebo-controlled, calcium supplementation trial in pregnant Gambian women accustomed to a low calcium intake: effects on maternal blood pressure and infant growth. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 972-982.	2.2	26
38	The Effect of Vitamin D Supplementation on Hepcidin, Iron Status, and Inflammation in Pregnant Women in the United Kingdom. <i>Nutrients</i> , 2019, 11, 190.	1.7	25
39	A predictive model of serum 25-hydroxyvitamin D in UK white as well as black and Asian minority ethnic population groups for application in food fortification strategy development towards vitamin D deficiency prevention. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 173, 245-252.	1.2	22
40	Vitamin D deficiency causes rickets in an urban informal settlement in Kenya and is associated with malnutrition. <i>Maternal and Child Nutrition</i> , 2018, 14, e12452.	1.4	21
41	Nature of the evidence base and frameworks underpinning dietary recommendations for prevention of non-communicable diseases: a position paper from the Academy of Nutrition Sciences. <i>British Journal of Nutrition</i> , 2021, 126, 1076-1090.	1.2	21
42	Long-term effects of maternal calcium supplementation on childhood growth differ between males and females in a population accustomed to a low calcium intake. <i>Bone</i> , 2017, 103, 31-38.	1.4	19
43	Changes in Bone Mineral Density, Body Composition, Vitamin D Status, and Mineral Metabolism in Urban HIV-Positive South African Women Over 12 Months. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 1615-1624.	3.1	18
44	Pregnancy-Related Bone Mineral and Microarchitecture Changes in Women Aged 30 to 45 Years. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1253-1262.	3.1	18
45	Implementation strategies for improving vitamin D status and increasing vitamin D intake in the UK: current controversies and future perspectives: proceedings of the 2nd Rank Prize Funds Forum on vitamin D. <i>British Journal of Nutrition</i> , 2022, 127, 1567-1587.	1.2	16
46	Prevalence of rickets-like bone deformities in rural Gambian children. <i>Bone</i> , 2015, 77, 1-5.	1.4	15
47	The Gambian Bone and Muscle Ageing Study: Baseline Data from a Prospective Observational African Sub-Saharan Study. <i>Frontiers in Endocrinology</i> , 2017, 8, 219.	1.5	15
48	Vitamin D Status Increases During Pregnancy and in Response to Vitamin D Supplementation in Rural Gambian Women. <i>Journal of Nutrition</i> , 2020, 150, 492-504.	1.3	13
49	Aetiology of nutritional rickets in rural Bangladeshi children. <i>Bone</i> , 2020, 136, 115357.	1.4	13
50	Milk Intake, Calcium and Vitamin D in Pregnancy and Lactation: Effects on Maternal, Fetal and Infant Bone in Low- and High-Income Countries. <i>Nestle Nutrition Workshop Series Paediatric Programme</i> , 2011, 67, 1-15.	1.5	12
51	Prediction of winter vitamin D status and requirements in the UK population based on 25(OH) vitamin D half-life and dietary intake data. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 218-222.	1.2	12
52	Changes in Bone Mineral Density During and After Lactation in Ugandan Women With HIV on Tenofovir-Based Antiretroviral Therapy. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 2091-2102.	3.1	12
53	Elsie Widdowson Lecture 2006 Mining the depths: metabolic insights into mineral nutrition. <i>Proceedings of the Nutrition Society</i> , 2007, 66, 512-521.	0.4	11
54	Bone Mineral Density, Body Composition, and Mineral Homeostasis Over 24 Months in Urban South African Women With HIV Exposed to Antiretroviral Therapy. <i>JBMR Plus</i> , 2020, 4, e10343.	1.3	11

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55	Sex differences in requirements for micronutrients across the lifecourse. Proceedings of the Nutrition Society, 2021, 80, 356-364.	0.4	10
56	Bone turnover in pregnancy, measured by urinary CTX, is influenced by vitamin D supplementation and is associated with maternal bone health: findings from the Maternal Vitamin D Osteoporosis Study (MAVIDOS) trial. American Journal of Clinical Nutrition, 2021, 114, 1600-1611.	2.2	10
57	Pregnancy Vitamin D Supplementation and Childhood Bone Mass at Age 4 Years: Findings From the Maternal Vitamin D Osteoporosis Study (MAVIDOS) Randomized Controlled Trial. JBMR Plus, 2022, 6, .	1.3	10
58	Use of medicines by older people in a large British national survey, and their relation to vitamin status indices. Public Health Nutrition, 1999, 2, 15-22.	1.1	9
59	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.	2.2	9
60	Pregnancy supplementation of Gambian mothers with calcium carbonate alters mid-childhood IGF1 in a sex-specific manner. Bone, 2019, 120, 314-320.	1.4	6
61	Case-control study of breast milk calcium in mothers of children with and without nutritional rickets. Acta Paediatrica, International Journal of Paediatrics, 2006, 95, 826-832.	0.7	3
62	Sequences of Regressions Distinguish Nonmechanical from Mechanical Associations between Metabolic Factors, Body Composition, and Bone in Healthy Postmenopausal Women. Journal of Nutrition, 2016, 146, 846-854.	1.3	2
63	Pregnancy-Related Change in pQCT and Bone Biochemistry in a Population With a Habitually Low Calcium Intake. Journal of Bone and Mineral Research, 2020, 36, 1269-1280.	3.1	2
64	Hard facts and misfits: essential ingredients of public health nutrition research. Proceedings of the Nutrition Society, 2021, 80, 373-381.	0.4	2
65	HEALTH SCREENING OF OLDER PEOPLE: A RURAL AFRICAN EXPERIENCE. Journal of the American Geriatrics Society, 1996, 44, 219-220.	1.3	0
66	Recent developments at MRC Human Nutrition Research. Nutrition Bulletin, 2002, 27, 247-251.	0.8	0
67	SACN is committed to openness and engagement. BMJ, The, 2016, 354, i5183.	3.0	0
68	Pregnancy vitamin D supplementation leads to greater offspring bone mineral density at 4 years: the MAVIDOS randomised placebo controlled trial. Rheumatology, 2020, 59, .	0.9	0
69	Development of Tibia & Fibula Bone Deficits in Children With Neurofibromatosis Type I: A Longitudinal Case-Control Comparison. Bone, 2021, 154, 116183.	1.4	0
70	SUN-359 Antenatal Oral Iron Supplementation, FGF23 and Bone Metabolism in Kenyan Women and Their Offspring: A Randomised Controlled Trial. Journal of the Endocrine Society, 2020, 4, .	0.1	0