

Charles B Stephensen

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,284
citations

279487

23
h-index

149479

56
g-index

65
all docs

65
docs citations

65
times ranked

4163
citing authors

#	ARTICLE	IF	CITATIONS
1	VITAMINA, INFECTION, AND IMMUNE FUNCTION*. Annual Review of Nutrition, 2001, 21, 167-192.	4.3	660
2	Biomarkers of Nutrition for Development (BOND) – Vitamin A Review. Journal of Nutrition, 2016, 146, 1816S-1848S.	1.3	317
3	Stool Microbiota and Vaccine Responses of Infants. Pediatrics, 2014, 134, e362-e372.	1.0	308
4	Burden of Infection on Growth Failure. Journal of Nutrition, 1999, 129, 534S-538S.	1.3	197
5	Inflammation and Nutritional Science for Programs/Policies and Interpretation of Research Evidence (INSPIRE). Journal of Nutrition, 2015, 145, 1039S-1108S.	1.3	170
6	Vitamin A Enhances in Vitro Th2 Development Via Retinoid X Receptor Pathway. Journal of Immunology, 2002, 168, 4495-4503.	0.4	148
7	Nutrition in adolescent growth and development. Lancet, The, 2022, 399, 172-184.	6.3	140
8	Indole-3-lactic acid associated with Bifidobacterium-dominated microbiota significantly decreases inflammation in intestinal epithelial cells. BMC Microbiology, 2020, 20, 357.	1.3	117
9	Bifidobacterium Abundance in Early Infancy and Vaccine Response at 2 Years of Age. Pediatrics, 2019, 143, .	1.0	99
10	Vitamin D Intake Needed to Maintain Target Serum 25-Hydroxyvitamin D Concentrations in Participants with Low Sun Exposure and Dark Skin Pigmentation Is Substantially Higher Than Current Recommendations. Journal of Nutrition, 2010, 140, 542-550.	1.3	96
11	Vitamin D status in adolescents and young adults with HIV infection. American Journal of Clinical Nutrition, 2006, 83, 1135-1141.	2.2	89
12	Vitamin A Deficiency Increases the In Vivo Development of IL-10-Positive Th2 Cells and Decreases Development of Th1 Cells in Mice. Journal of Nutrition, 2004, 134, 2660-2666.	1.3	74
13	Bifidobacterial Dominance of the Gut in Early Life and Acquisition of Antimicrobial Resistance. MSphere, 2018, 3, .	1.3	71
14	Glutathione, glutathione peroxidase, and selenium status in HIV-positive and HIV-negative adolescents and young adults. American Journal of Clinical Nutrition, 2007, 85, 173-181.	2.2	58
15	Decline in Bone Mass With Tenofovir Disoproxil Fumarate/Emtricitabine Is Associated With Hormonal Changes in the Absence of Renal Impairment When Used by HIV-Uninfected Adolescent Boys and Young Men for HIV Preexposure Prophylaxis. Clinical Infectious Diseases, 2017, 64, 317-325.	2.9	54
16	Ergocalciferol from Mushrooms or Supplements Consumed with a Standard Meal Increases 25-Hydroxyergocalciferol but Decreases 25-Hydroxycholecalciferol in the Serum of Healthy Adults. Journal of Nutrition, 2012, 142, 1246-1252.	1.3	48
17	Disruption of Rxra gene in thymocytes and T lymphocytes modestly alters lymphocyte frequencies, proliferation, survival and T helper type 1/type 2 balance. Immunology, 2007, 121, 484-498.	2.0	43
18	Neonatal Vitamin A Supplementation and Vitamin A Status Are Associated with Gut Microbiome Composition in Bangladeshi Infants in Early Infancy and at 2 Years of Age. Journal of Nutrition, 2019, 149, 1075-1088.	1.3	42

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19	Markers of Innate Immune Function Are Associated with Vitamin A Stores in Men. <i>Journal of Nutrition</i> , 2009, 139, 377-385.	1.3	41
20	Vitamin D3 Supplementation Increases Spine Bone Mineral Density in Adolescents and Young Adults With Human Immunodeficiency Virus Infection Being Treated With Tenofovir Disoproxil Fumarate: A Randomized, Placebo-Controlled Trial. <i>Clinical Infectious Diseases</i> , 2018, 66, 220-228.	2.9	35
21	Fish Oil and Inflammatory Disease: Is Asthma the Next Target for n-3 Fatty Acid Supplements?. <i>Nutrition Reviews</i> , 2004, 62, 486-489.	2.6	31
22	ALOX5 gene variants affect eicosanoid production and response to fish oil supplementation. <i>Journal of Lipid Research</i> , 2011, 52, 991-1003.	2.0	31
23	Design and implementation of a cross-sectional nutritional phenotyping study in healthy US adults. <i>BMC Nutrition</i> , 2017, 3, 79.	0.6	26
24	A randomized controlled-feeding trial based on the Dietary Guidelines for Americans on cardiometabolic health indexes. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 266-278.	2.2	25
25	Association of Diet and Antimicrobial Resistance in Healthy U.S. Adults. <i>MBio</i> , 2022, 13, e0010122.	1.8	25
26	When does hyporetinolemia mean vitamin A deficiency?. <i>American Journal of Clinical Nutrition</i> , 2000, 72, 1-2.	2.2	23
27	Comparison of two forms of daily preventive zinc supplementation versus therapeutic zinc supplementation for diarrhea on young children's physical growth and risk of infection: study design and rationale for a randomized controlled trial. <i>BMC Nutrition</i> , 2018, 4, 39.	0.6	21
28	Prevalence and risk factors for vitamin D deficiency among healthy infants and young children in Sacramento, California. <i>European Journal of Pediatrics</i> , 2010, 169, 1337-1344.	1.3	20
29	Tree-Based Analysis of Dietary Diversity Captures Associations Between Fiber Intake and Gut Microbiota Composition in a Healthy US Adult Cohort. <i>Journal of Nutrition</i> , 2022, 152, 779-788.	1.3	20
30	Vitamin A status is associated with T-cell responses in Bangladeshi men. <i>British Journal of Nutrition</i> , 2009, 102, 797-802.	1.2	18
31	Association of Lactase Persistence Genotypes (rs4988235) and Ethnicity with Dairy Intake in a Healthy U.S. Population. <i>Nutrients</i> , 2019, 11, 1860.	1.7	18
32	Exploring the Links between Diet and Inflammation: Dairy Foods as Case Studies. <i>Advances in Nutrition</i> , 2021, 12, 1S-13S.	2.9	18
33	Bifidobacterium Species Colonization in Infancy: A Global Cross-Sectional Comparison by Population History of Breastfeeding. <i>Nutrients</i> , 2022, 14, 1423.	1.7	17
34	Arachidonate 5-Lipoxygenase Gene Variants Affect Response to Fish Oil Supplementation by Healthy African Americans. <i>Journal of Nutrition</i> , 2012, 142, 1417-1428.	1.3	16
35	The effect of newborn vitamin A supplementation on infant immune functions: Trial design, interventions, and baseline data. <i>Contemporary Clinical Trials</i> , 2014, 39, 269-279.	0.8	16
36	Technician-Scored Stool Consistency Spans the Full Range of the Bristol Scale in a Healthy US Population and Differs by Diet and Chronic Stress Load. <i>Journal of Nutrition</i> , 2021, 151, 1443-1452.	1.3	13

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37	Daily Preventive Zinc Supplementation Decreases Lymphocyte and Eosinophil Concentrations in Rural Laotian Children from Communities with a High Prevalence of Zinc Deficiency: Results of a Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2020, 150, 2204-2213.	1.3	11
38	Vitamin a, Î²-Carotene, and Mother-to-Child Transmission of Hiv. <i>Nutrition Reviews</i> , 2003, 61, 280-284.	2.6	10
39	Effect of Manual Data Cleaning on Nutrient Intakes Using the Automated Self-Administered 24-Hour Dietary Assessment Tool (ASA24). <i>Current Developments in Nutrition</i> , 2021, 5, nzab005.	0.1	10
40	Diet, Fecal Microbiome, and Trimethylamine N-Oxide in a Cohort of Metabolically Healthy United States Adults. <i>Nutrients</i> , 2022, 14, 1376.	1.7	10
41	Infant cortisol stressâ€“response is associated with thymic function and vaccine response. <i>Stress</i> , 2019, 22, 36-43.	0.8	8
42	High-Dose Neonatal Vitamin A Supplementation to Bangladeshi Infants Increases the Percentage of CCR9-Positive Treg Cells in Infants with Lower Birthweight in Early Infancy, and Decreases Plasma sCD14 Concentration and the Prevalence of Vitamin A Deficiency at Two Years of Age. <i>Journal of Nutrition</i> , 2020, 150, 3005-3012.	1.3	8
43	Association between physiological stress load and diet quality patterns differs between male and female adults. <i>Physiology and Behavior</i> , 2021, 240, 113538.	1.0	8
44	Impact of Daily Preventive Zinc or Therapeutic Zinc Supplementation for Diarrhea on Plasma Biomarkers of Environmental Enteric Dysfunction among Rural Laotian Children: A Randomized Controlled Trial. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 415-426.	0.6	8
45	Tenofovir disoproxil fumarate appears to disrupt the relationship of vitamin D and parathyroid hormone. <i>Antiviral Therapy</i> , 2018, 23, 623-628.	0.6	7
46	Short Communication: Association of Vitamin D Insufficiency and Protective Tenofovir Diphosphate Concentrations with Bone Toxicity in Adolescent Boys and Young Men Using Tenofovir Disoproxil Fumarate/Emtricitabine for HIV Pre-Exposure Prophylaxis. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 123-128.	0.5	7
47	High-Dose Neonatal Vitamin A Supplementation Transiently Decreases Thymic Function in Early Infancy. <i>Journal of Nutrition</i> , 2020, 150, 176-183.	1.3	7
48	Healthy eating index patterns in adults by sex and age predict cardiometabolic risk factors in a cross-sectional study. <i>BMC Nutrition</i> , 2021, 7, 30.	0.6	7
49	Examining the effect of a nutrition intervention on immune function in healthy humans: what do we mean by immune function and who is really healthy anyway?. <i>American Journal of Clinical Nutrition</i> , 2001, 74, 565-566.	2.2	6
50	Assessing Insulin Sensitivity and Postprandial Triglyceridemic Response Phenotypes With a Mixed Macronutrient Tolerance Test. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	6
51	Plasma cytokines and oxidative damage in HIV-positive and HIV-negative adolescents and young adults: A protective role for IL-10?. <i>Free Radical Research</i> , 2005, 39, 859-864.	1.5	5
52	Impact of high-dose vitamin A supplements on vitamin A status of 3-4 y old Zambian boys. <i>FASEB Journal</i> , 2006, 20, A1050.	0.2	5
53	Circulating 25-Hydroxyvitamin D Concentrations in Overweight and Obese Adults Are Explained by Sun Exposure, Skin Reflectance, and Body Composition. <i>Current Developments in Nutrition</i> , 2019, 3, nzz065.	0.1	4
54	Machine Learning Identifies Stool pH as a Predictor of Bone Mineral Density in Healthy Multiethnic US Adults. <i>Journal of Nutrition</i> , 2021, 151, 3379-3390.	1.3	4

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55	Markers of Bone Mineral Metabolism and Cardiac Structure and Function in Perinatally HIV-Infected and HIV-Exposed but Uninfected Children and Adolescents. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2019, 81, 238-246.	0.9	3
56	Commentary: A hypothesis concerning vitamin A supplementation, vaccines, and childhood mortality. <i>International Journal of Epidemiology</i> , 2003, 32, 828-829.	0.9	2
57	Reply to correspondence letter by S. Åzsoylu regarding our manuscript "Prevalence and risk factors for vitamin d deficiency among healthy infants and young children in Sacramento, California. <i>European Journal of Pediatrics</i> , 2011, 170, 817-818.	1.3	1
58	Population Duration of Breastfeeding and Prevalence of <i>Bifidobacterium Longum</i> Subspecies <i>Infantis</i> (OR01-01-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz040.OR01-01-19.	0.1	1
59	Diets rich in polyphenols and vitamin A inhibit type I autoimmune diabetes in non-obese diabetic mice. <i>FASEB Journal</i> , 2006, 20, A125.	0.2	1
60	Effect of Zinc Supplementation on Innate and Adaptive Immunity in Lao Children at Risk of Zinc Deficiency (P19-013-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz049.P19-013-19.	0.1	0
61	Prevalence of vitamin D deficiency among healthy infants in Sacramento, CA. <i>FASEB Journal</i> , 2008, 22, .	0.2	0
62	Validation of Sun Exposure and Vitamin D Intake Recall Questionnaires for Estimating Vitamin D Status. <i>FASEB Journal</i> , 2009, 23, 103.4.	0.2	0
63	Effect of Omega-3 fatty acid supplementation and ALOX5 promoter variants on Lipid Profiles in African-Americans. <i>FASEB Journal</i> , 2009, 23, 724.3.	0.2	0
64	Vitamin D Status in Overweight and Obese Individuals During A Controlled Calorie Restricted Intervention. <i>FASEB Journal</i> , 2010, 24, .	0.2	0