

Daniel E Roth

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

2,194
citations

25
h-index

46
g-index

96
ext. papers

2,761
ext. citations

4.6
avg, IF

5.42
L-index

#	Paper	IF	Citations
85	Global prevalence and disease burden of vitamin D deficiency: a roadmap for action in low- and middle-income countries. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1430, 44-79	6.3	169
84	Vitamin D supplementation during pregnancy: state of the evidence from a systematic review of randomised trials. <i>BMJ, The</i> , 2017 , 359, j5237	5.7	121
83	Thiamine deficiency disorders: diagnosis, prevalence, and a roadmap for global control programs. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1430, 3-43	6.3	106
82	Vitamin D Supplementation in Pregnancy and Lactation and Infant Growth. <i>New England Journal of Medicine</i> , 2018 , 379, 535-546	57.2	103
81	Zinc supplementation for the prevention of acute lower respiratory infection in children in developing countries: meta-analysis and meta-regression of randomized trials. <i>International Journal of Epidemiology</i> , 2010 , 39, 795-808	7.6	84
80	Randomized placebo-controlled trial of high-dose prenatal third-trimester vitamin D3 supplementation in Bangladesh: the AViDD trial. <i>Nutrition Journal</i> , 2013 , 12, 47	4	78
79	Alternative Metrics of Linear Growth for Tracking Global Progress in Child Undernutrition (P10-001-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.3	78
78	Effect of Prenatal Vitamin D Supplementation on Placental Angiogenic Factors in Bangladesh (FS08-07-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.3	78
77	Effect of Vitamin D Supplementation During Pregnancy on Blood Concentrations of Toxic Metals (P24-063-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.3	78
76	Effect of Maternal Postpartum and Infant Intermittent Vitamin D Supplementation on Infant Vitamin D Status: A Systematic Review and Meta-Analysis of Trials (P11-089-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.3	78
75	Effect of Prenatal and Postpartum Vitamin D Supplementation on Circulating Biomarkers of Maternal Bone Metabolism (P24-048-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.3	78
74	Human Milk Oligosaccharide Composition of Breast Milk from Lactating Women in Dhaka, Bangladesh (P11-040-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.3	78
73	Association of Bone Metabolism Biomarkers with Infant Linear Growth in a Birth Cohort from Dhaka, Bangladesh (P10-012-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.3	78
72	Effect of Maternal Vitamin D Supplementation During Pregnancy and Lactation on Early Infant Nasal Pneumococcal Carriage in Bangladesh (P10-125-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.3	78
71	Discrepant Inferences When Modeling Associations Between Time-Varying Exposures and Linear Growth Trajectories in Infancy Using Length-For-Age Z Scores Versus Raw Length. <i>Current Developments in Nutrition</i> , 2020 , 4, 1059-1059	0.3	78
70	Effect of Maternal Prenatal and Postpartum Vitamin D Supplementation on Offspring Bone Mass in Early Childhood: Follow-Up of a Randomized Controlled Trial. <i>Current Developments in Nutrition</i> , 2021 , 5, 797-797	0.3	78
69	Are national vitamin D guidelines sufficient to maintain adequate blood levels in children?. <i>Canadian Journal of Public Health</i> , 2005 , 96, 443-9	3.1	66

68	Safety and efficacy of alternative antibiotic regimens compared with 7 day injectable procaine benzylpenicillin and gentamicin for outpatient treatment of neonates and young infants with clinical signs of severe infection when referral is not possible: a randomised, open-label, equivalence trial. <i>The Lancet Global Health</i> , 2015 , 3, e279-87	12	61
67	Maternal vitamin D3 supplementation during the third trimester of pregnancy: effects on infant growth in a longitudinal follow-up study in Bangladesh. <i>Journal of Pediatrics</i> , 2013 , 163, 1605-1611.e3	3.5	53
66	Use and Misuse of Stunting as a Measure of Child Health. <i>Journal of Nutrition</i> , 2018 , 148, 311-315	3.9	53
65	Early childhood linear growth faltering in low-income and middle-income countries as a whole-population condition: analysis of 179 Demographic and Health Surveys from 64 countries (1993-2015). <i>The Lancet Global Health</i> , 2017 , 5, e1249-e1257	12	42
64	Maternal-fetal-infant dynamics of the C3-epimer of 25-hydroxyvitamin D. <i>Clinical Biochemistry</i> , 2014 , 47, 816-22	3.4	41
63	Maternal vitamin D status and infant anthropometry in a US multi-centre cohort study. <i>Annals of Human Biology</i> , 2015 , 42, 215-22	1.7	37
62	Pneumococcal conjugate vaccine triggers a better immune response than pneumococcal polysaccharide vaccine in patients with chronic lymphocytic leukemia A randomized study by the Swedish CLL group. <i>Vaccine</i> , 2018 , 36, 3701-3707	3.9	30
61	Maternal vitamin D supplementation during pregnancy and lactation to promote infant growth in Dhaka, Bangladesh (MDIG trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 300	2.7	28
60	Vitamin D status of infants in northeastern rural Bangladesh: preliminary observations and a review of potential determinants. <i>Journal of Health, Population and Nutrition</i> , 2010 , 28, 458-69	2.4	21
59	Pharmacokinetics of high-dose weekly oral vitamin D3 supplementation during the third trimester of pregnancy in Dhaka, Bangladesh. <i>Nutrients</i> , 2013 , 5, 788-810	6.4	21
58	Vitamin D and fetal-neonatal calcium homeostasis: findings from a randomized controlled trial of high-dose antenatal vitamin D supplementation. <i>Pediatric Research</i> , 2014 , 76, 302-9	3.1	20
57	New approach for the identification of implausible values and outliers in longitudinal childhood anthropometric data. <i>Annals of Epidemiology</i> , 2018 , 28, 204-211.e3	6.1	16
56	Maternal vitamin D supplementation during pregnancy and lactation to prevent acute respiratory infections in infancy in Dhaka, Bangladesh (MDARI trial): protocol for a prospective cohort study nested within a randomized controlled trial. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 309	3.1	16
55	Pharmacokinetics of a single oral dose of vitamin D3 (70,000 IU) in pregnant and non-pregnant women. <i>Nutrition Journal</i> , 2012 , 11, 114	4	16
54	Tablets are preferred and more acceptable than powdered prenatal calcium supplements among pregnant women in Dhaka, Bangladesh. <i>Journal of Nutrition</i> , 2014 , 144, 1106-12	3.9	15
53	Utility and feasibility of integrating pulse oximetry into the routine assessment of young infants at primary care clinics in Karachi, Pakistan: a cross-sectional study. <i>BMC Pediatrics</i> , 2015 , 15, 141	2.5	14
52	Vitamin D Supplementation in Pregnancy and Lactation and Infant Growth. <i>New England Journal of Medicine</i> , 2018 , 379, 1881	57.2	15
51	Prenatal vitamin D supplementation and infant vitamin D status in Bangladesh. <i>Public Health Nutrition</i> , 2017 , 20, 1865-1873	3.1	13

50	Bones and beyond: an update on the role of vitamin D in child and adolescent health in Canada. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007 , 32, 770-7	2.8	12
49	Prenatal high-dose vitamin D3 supplementation has balanced effects on cord blood Th1 and Th2 responses. <i>Nutrition Journal</i> , 2016 , 15, 75	4	11
48	Choosing medications wisely: Is it time to address paediatric polypharmacy?. <i>Paediatrics and Child Health</i> , 2019 , 24, 303-305	0.7	9
47	WHO Child Growth Standards Are Often Incorrectly Applied to Children Born Preterm in Epidemiologic Research. <i>Journal of Nutrition</i> , 2015 , 145, 2429-39	3.9	9
46	Prenatal vitamin D3 supplementation suppresses LL-37 peptide expression in ex vivo activated neonatal macrophages but not their killing capacity. <i>British Journal of Nutrition</i> , 2014 , 112, 908-15	3.4	9
45	Commentary on Oral iron supplementation for preventing or treating anaemia among children in malaria-endemic areas with a response from the review authors. <i>Evidence-Based Child Health: A Cochrane Review Journal</i> , 2010 , 5, 1186-1188		9
44	Metrics of early childhood growth in recent epidemiological research: A scoping review. <i>PLoS ONE</i> , 2018 , 13, e0194565	3.6	9
43	Effect of weekly high-dose vitamin D3 supplementation on serum cholecalciferol concentrations in pregnant women. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 158, 76-81	4.9	8
42	Acute respiratory infection case definitions for young children: a systematic review of community-based epidemiologic studies in South Asia. <i>Tropical Medicine and International Health</i> , 2015 , 20, 1607-20	2.2	9
41	Bioavailability of enteric-coated microencapsulated calcium during pregnancy: a randomized crossover trial in Bangladesh. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 1587-95	6.6	8
40	Effect of Food Environment Interventions on Anthropometric Outcomes in School-Aged Children and Adolescents in Low- and Middle-Income Countries: A Systematic Review and Meta-Analysis. <i>Current Developments in Nutrition</i> , 2020 , 4, nzaa098	0.3	8
39	Standardization of laboratory practices and reporting of biomarker data in clinical nutrition research. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 453S-457S	6.6	6
38	Vitamin D in Breastfed Infants: Systematic Review of Alternatives to Daily Supplementation. <i>Advances in Nutrition</i> , 2020 , 11, 144-159	9.4	6
37	What should I say to parents about vitamin D supplementation from infancy to adolescence?. <i>Paediatrics and Child Health</i> , 2009 , 14, 575-7	0.7	6
36	Effect of correcting for gestational age at birth on population prevalence of early childhood undernutrition. <i>Emerging Themes in Epidemiology</i> , 2018 , 15, 3	3.6	5
35	Genetic characterization of human metapneumovirus identified through community and facility-based surveillance of infants in Dhaka, Bangladesh. <i>Journal of Medical Virology</i> , 2019 , 91, 549-554 ^{19.3}		5
34	Anthropometric data quality assessment in multisurvey studies of child growth. <i>American Journal of Clinical Nutrition</i> , 2020 , 112, 806S-815S	6.6	6
33	Randomized open-label trial of two weekly oral vitamin D3 supplementation regimens during the third trimester of pregnancy in Bangladeshi women: effects on maternal vitamin D status and safety. <i>FASEB Journal</i> , 2011 , 25, 236.6	0.9	5

32	Maternal postpartum high-dose vitamin D3 supplementation (6400 IU/day) or conventional infant vitamin D3 supplementation (400 IU/day) lead to similar vitamin D status of healthy exclusively/fully breastfeeding infants by 7 months of age. <i>Evidence-Based Medicine</i> , 2016 , 21, 75		5
31	Campylobacter infection and household factors are associated with childhood growth in urban Bangladesh: An analysis of the MAL-ED study. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008328	4.6	4
30	Conditional random slope: A new approach for estimating individual child growth velocity in epidemiological research. <i>American Journal of Human Biology</i> , 2017 , 29, e23009	2.6	3
29	Effects of high-dose antenatal 3rd-trimester vitamin D supplementation (35,000 IU/week) on maternal and newborn vitamin D status: a randomized placebo-controlled trial in Dhaka, Bangladesh. <i>FASEB Journal</i> , 2012 , 26, 392.3	0.9	1
28	Maternal-Child Exposures to Persistent Organic Pollutants in Dhaka, Bangladesh. <i>Exposure and Health</i> , 2020 , 12, 79-87	8.7	2
27	Vitamin D Treatment during Pregnancy and Maternal and Neonatal Cord Blood Metal Concentrations at Delivery: Results of a Randomized Controlled Trial in Bangladesh. <i>Environmental Health Perspectives</i> , 2020 , 128, 117007	8.3	2
26	Prenatal vitamin D and cord blood insulin-like growth factors in Dhaka, Bangladesh. <i>Endocrine Connections</i> , 2019 , 8, 745-753	3.3	2
25	Availability and Intake of Foods with Naturally Occurring or Added Vitamin D in a Setting of High Vitamin D Deficiency. <i>FASEB Journal</i> , 2015 , 29, 391.3	0.9	2
24	Effect of vitamin D supplementation during pregnancy on mid-to-late gestational blood pressure in a randomized controlled trial in Bangladesh. <i>Journal of Hypertension</i> , 2021 , 39, 135-142	1.5	2
23	Calcium supplementation for the prevention of hypertensive disorders of pregnancy: current evidence and programmatic considerations.. <i>Annals of the New York Academy of Sciences</i> , 2022 ,	6.3	1
22	Determinants of Vitamin D Status of Women of Reproductive Age in Dhaka, Bangladesh: Insights from Husband-Wife Comparisons. <i>Current Developments in Nutrition</i> , 2019 , 3, nzz112	0.3	1
21	Growth Delay and Height-Age: Alternative Indicators of Population Health Based on Child Height Distributions. <i>Current Developments in Nutrition</i> , 2020 , 4, 865-865	0.3	0
20	Gaps and priorities in assessment of food environments for children and adolescents in low- and middle-income countries. <i>Nature Food</i> , 2021 , 2, 396-403	14	1
19	Effects of Maternal Vitamin D Supplementation During Pregnancy and Lactation on Infant Acute Respiratory Infections: Follow-up of a Randomized Trial in Bangladesh. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2021 , 10, 901-909	4.6	1
18	Basal Vitamin D Status and Supplement Dose Are Primary Contributors to Maternal 25-Hydroxyvitamin D Response to Prenatal and Postpartum Cholecalciferol Supplementation. <i>Journal of Nutrition</i> , 2021 , 151, 3361-3378	3.9	1
17	Antimicrobial susceptibilities and comparative whole genome analysis of two isolates of the probiotic bacterium <i>Lactiplantibacillus plantarum</i> , strain ATCC 202195. <i>Scientific Reports</i> , 2021 , 11, 15893	4.7	1
16	Association of maternal prenatal selenium concentration and preterm birth: a multicountry meta-analysis. <i>BMJ Global Health</i> , 2021 , 6,	5.4	1
15	Do Early Infant Feeding Practices and Modifiable Household Behaviors Contribute to Age-Specific Interindividual Variations in Infant Linear Growth? Evidence from a Birth Cohort in Dhaka, Bangladesh. <i>Current Developments in Nutrition</i> , 2021 , 5, nzab077	0.3	1

14	The Human-Milk Oligosaccharide Profile of Lactating Women in Dhaka, Bangladesh.. <i>Current Developments in Nutrition</i> , 2021 , 5, nzab137	0.3	1
13	Prenatal vitamin D supplementation and infant vitamin D status in Bangladesh (256.4). <i>FASEB Journal</i> , 2014 , 28, 256.4	0.9	
12	Effect of Maternal Vitamin D Supplementation on Iron Status During Pregnancy. <i>Current Developments in Nutrition</i> , 2020 , 4, 1054-1054	0.3	0
11	The Association Between Maternal and Umbilical Cord Selenium Status and Fetal and Infant Growth in a Birth Cohort in Dhaka, Bangladesh. <i>Current Developments in Nutrition</i> , 2020 , 4, 1087-1087	0.3	0
10	Linear growth and mid-childhood cognitive outcomes in three birth cohorts of term-born children: an approach to integrating three growth models to explore critical windows. <i>BMJ Open</i> , 2020 , 10, e036830	2.9	
9	Effect of Correcting the Postnatal Age of Preterm-Born Children on Measures of Associations Between Infant Length-for-Age z Scores and Mid-Childhood Outcomes. <i>American Journal of Epidemiology</i> , 2021 , 190, 477-486	3.7	0
8	Higher maternal parathyroid hormone concentration at delivery is not associated with smaller newborn size. <i>Endocrine Connections</i> , 2021 , 10, 345-357	3.3	0
7	Stunting: prevalence and prevention 2021 ,		
6	Effect of maternal vitamin D supplementation on nasal pneumococcal acquisition, carriage dynamics and carriage density in infants in Dhaka, Bangladesh.. <i>BMC Infectious Diseases</i> , 2022 , 22, 52	3.9	
5	Bioavailability of enteric-coated microencapsulated calcium during pregnancy: a randomized crossover trial in Bangladesh (804.4). <i>FASEB Journal</i> , 2014 , 28, 804.4	0.9	
4	Preference and acceptability of alternative delivery vehicles for prenatal calcium supplementation among pregnant women in urban Bangladesh (256.2). <i>FASEB Journal</i> , 2014 , 28, 256.2	0.9	
3	Measuring Child Length and Height: Assessing the Accuracy of a Portable Infrared-based Digital Tool. <i>FASEB Journal</i> , 2015 , 29, 31.3	0.9	
2	25-hydroxyvitamin D response to a single vitamin D3 dose in pregnant and non-pregnant women: a pharmacokinetic study in Dhaka, Bangladesh. <i>FASEB Journal</i> , 2010 , 24, lb341	0.9	
1	Seasonal variations in vitamin D status in Bangladesh: a preliminary look at the potential role of aerosol pollution. <i>FASEB Journal</i> , 2011 , 25, 996.19	0.9	