## Steven A. Abrams

List of Publications by Year in descending order

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147 papers 12,279 citations

47006 47 h-index 25787 108 g-index

174 all docs

174 docs citations

174 times ranked

13217 citing authors

#	Article	IF	CITATIONS
1	Infant and child formula shortages: now is the time to prevent recurrences. American Journal of Clinical Nutrition, 2022, 116, 289-292.	4.7	30
2	Growth outcomes of small for gestational age preterm infants before and after implementation of an exclusive human milk-based diet. Journal of Perinatology, 2021, 41, 1859-1864.	2.0	7
3	Vitamin D and bone minerals in neonates. Early Human Development, 2021, 162, 105461.	1.8	6
4	Comment on "Human Milkâ€"Derived Fortifiers Compared with Bovine Milkâ€"Derived Fortifiers in Preterm Infants: A Systematic Review and Meta-Analysis". Advances in Nutrition, 2020, 11, 1712-1713.	6.4	2
5	Human milk fortifiers: corrigenda. American Journal of Clinical Nutrition, 2020, 111, 1301-1302.	4.7	O
6	Using stable isotope tracers to study bone metabolism in children. Journal of Physiology, 2019, 597, 1311-1319.	2.9	5
7	Long-Term Growth and Body Composition Consequences of Using Fortified Donor Milk or Preterm Formula for Very-Low-Birth-Weight Infants. Journal of Nutrition, 2019, 150, 188-189.	2.9	O
8	Protecting Vulnerable Infants by Ensuring Safe Infant Formula Use. Journal of Pediatrics, 2019, 211, 201-206.	1.8	13
9	Infant milk-feeding practices and food allergies, allergic rhinitis, atopic dermatitis, and asthma throughout the life span: a systematic review. American Journal of Clinical Nutrition, 2019, 109, 772S-799S.	4.7	86
10	Infant milk-feeding practices and childhood leukemia: a systematic review. American Journal of Clinical Nutrition, 2019, 109, 757S-771S.	4.7	15
11	Infant milk-feeding practices and diabetes outcomes in offspring: a systematic review. American Journal of Clinical Nutrition, 2019, 109, 817S-837S.	4.7	28
12	Infant milk-feeding practices and cardiovascular disease outcomes in offspring: a systematic review. American Journal of Clinical Nutrition, 2019, 109, 800S-816S.	4.7	18
13	Infant milk-feeding practices and diagnosed celiac disease and inflammatory bowel disease in offspring: a systematic review. American Journal of Clinical Nutrition, 2019, 109, 838S-851S.	4.7	23
14	Delaying Iron Therapy until 28 Days after Antimalarial Treatment Is Associated with Greater Iron Incorporation and Equivalent Hematologic Recovery after 56 Days in Children: A Randomized Controlled Trial. Journal of Nutrition, 2016, 146, 1769-1774.	2.9	18
15	Delayed Introduction of Parenteral Phosphorus Is Associated with Hypercalcemia in Extremely Preterm Infants. Journal of Nutrition, 2016, 146, 1212-1216.	2.9	12
16	What does it mean to target specific serum 25-hydroxyvitamin D concentrations in children and adolescents?. American Journal of Clinical Nutrition, 2016, 104, 1193-1194.	4.7	5
17	Beyond Necrotizing Enterocolitis Prevention: Improving Outcomes with an Exclusive Human Milk–Based Diet. Breastfeeding Medicine, 2016, 11, 70-74.	1.7	162
18	Fortifier and Cream Improve Fat Delivery in Continuous Enteral Infant Feeding of Breast Milk. Nutrients, 2015, 7, 1174-1183.	4.1	15

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19	Serum Phosphorus Levels in Premature Infants Receiving a Donor Human Milk Derived Fortifier. Nutrients, 2015, 7, 2562-2573.	4.1	8
20	A Novel Approach to Improving Fat Delivery in Neonatal Enteral Feeding. Nutrients, 2015, 7, 5051-5064.	4.1	8
21	Snacks, Sweetened Beverages, Added Sugars, and Schools. Pediatrics, 2015, 135, 575-583.	2.1	73
22	Is It Time to Put a Moratorium on New Infant Formulas that Are Not Adequately Investigated?. Journal of Pediatrics, 2015, 166, 756-760.	1.8	11
23	A Systematic Review of Controlled Trials of Lower-Protein or Energy-Containing Infant Formulas for Use by Healthy Full-Term Infants. Advances in Nutrition, 2015, 6, 178-188.	6.4	39
24	Free 25(OH)D and Calcium Absorption, PTH, and Markers of Bone Turnover. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4140-4145.	3.6	55
25	The Role of the Pediatrician in Primary Prevention of Obesity. Pediatrics, 2015, 136, e275-e292.	2.1	298
26	Optimizing Bone Health in Children and Adolescents. Pediatrics, 2014, 134, e1229-e1243.	2.1	351
27	Greater Mortality and Morbidity in Extremely Preterm Infants Fed a Diet Containing Cow Milk Protein Products. Breastfeeding Medicine, 2014, 9, 281-285.	1.7	137
28	Bioavailability of enteric-coated microencapsulated calcium during pregnancy: a randomized crossover trial in Bangladesh. American Journal of Clinical Nutrition, 2014, 100, 1587-1595.	4.7	9
29	Isotope Concentrations from 24-h Urine and 3-h Serum Samples Can Be Used to Measure Intestinal Magnesium Absorption in Postmenopausal Women. Journal of Nutrition, 2014, 144, 533-537.	2.9	5
30	Reply. Journal of Pediatrics, 2014, 164, 947.	1.8	0
31	Vitamin D supplementation increases calcium absorption without a threshold effect. American Journal of Clinical Nutrition, 2014, 99, 624-631.	4.7	70
32	Increased Calcium Absorption From Synthetic Stable Amorphous Calcium Carbonate: Double-Blind Randomized Crossover Clinical Trial in Postmenopausal Women. Journal of Bone and Mineral Research, 2014, 29, 2203-2209.	2.8	18
33	Consumption of Raw or Unpasteurized Milk and Milk Products by Pregnant Women and Children. Pediatrics, 2014, 133, 175-179.	2.1	73
34	Randomized Trial of Human Milk Cream as a Supplement to Standard Fortification of an Exclusive Human Milk-Based Diet in Infants 750-1250Âg Birth Weight. Journal of Pediatrics, 2014, 165, 915-920.	1.8	55
35	Fish Oil–Based Lipid Emulsions in the Treatment of Parenteral Nutrition-Associated Liver Disease: An Ongoing Positive Experience. Advances in Nutrition, 2014, 5, 65-70.	6.4	52
36	Calcium kinetics during bed rest with artificial gravity and exercise countermeasures. Osteoporosis International, 2014, 25, 2237-2244.	3.1	8

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37	Micronutrient Requirements of High-Risk Infants. Clinics in Perinatology, 2014, 41, 347-361.	2.1	10
38	Fifty Years of Human Space Travel: Implications for Bone and Calcium Research. Annual Review of Nutrition, 2014, 34, 377-400.	10.1	85
39	Bone Densitometry in Infants and Young Children: The 2013 ISCD Pediatric Official Positions. Journal of Clinical Densitometry, 2014, 17, 243-257.	1.2	78
40	Magnesium Metabolism in 4-Year-Old to 8-Year-Old Children. Journal of Bone and Mineral Research, 2014, 29, 118-122.	2.8	27
41	Infant iron status affects iron absorption in Peruvian breastfed infants at 2 and 5 mo of age. American Journal of Clinical Nutrition, 2013, 98, 1475-1484.	4.7	17
42	Zinc for preterm infants: who needs it and how much is needed?. American Journal of Clinical Nutrition, 2013, 98, 1373-1374.	4.7	10
43	Vitamin D: effects on childhood health and disease. Nature Reviews Endocrinology, 2013, 9, 162-170.	9.6	34
44	Impact of New-Generation Parenteral Lipid Emulsions in Pediatric Nutrition. Advances in Nutrition, 2013, 4, 518-520.	6.4	7
45	Supplementation with 1000 IU vitamin D/d leads to parathyroid hormone suppression, but not increased fractional calcium absorption, in $4\hat{a}\in 8$ -y-old children: a double-blind randomized controlled trial. American Journal of Clinical Nutrition, 2013, 97, 217-223.	4.7	40
46	Inclusion of Guava Enhances Non-Heme Iron Bioavailability but Not Fractional Zinc Absorption from a Rice-Based Meal in Adolescents. Journal of Nutrition, 2013, 143, 852-858.	2.9	32
47	Targeting Dietary Vitamin D Intakes and Plasma 25-Hydroxyvitamin D in Healthy Infants. JAMA - Journal of the American Medical Association, 2013, 309, 1830.	7.4	5
48	Calcium and Vitamin D Requirements of Enterally Fed Preterm Infants. Pediatrics, 2013, 131, e1676-e1683.	2.1	262
49	Efficacy of a multi micronutrient-fortified drink in improving iron and micronutrient status among schoolchildren with low iron stores in India: a randomised, double-masked placebo-controlled trial. European Journal of Clinical Nutrition, 2013, 67, 36-41.	2.9	27
50	Genetic Defect in <i>CYP24A1</i> , the Vitamin D 24-Hydroxylase Gene, in a Patient with Severe Infantile Hypercalcemia. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E268-E274.	3.6	113
51	Serum 1,25-dihydroxyvitamin D and calcium intake affect rates of bone calcium deposition during pregnancy and the early postpartum period. American Journal of Clinical Nutrition, 2012, 96, 64-72.	4.7	20
52	$\hat{l}_{\pm}$ -Lactalbumin and Casein-Glycomacropeptide Do Not Affect Iron Absorption from Formula in Healthy Term Infants. Journal of Nutrition, 2012, 142, 1226-1231.	2.9	18
53	Hepcidin is the major predictor of erythrocyte iron incorporation in anemic African children. Blood, 2012, 119, 1922-1928.	1.4	149
54	Organic Foods: Health and Environmental Advantages and Disadvantages. Pediatrics, 2012, 130, e1406-e1415.	2.1	117

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55	Low Zinc Status and Absorption Exist in Infants with Jejunostomies or Ileostomies Which Persists after Intestinal Repair. Nutrients, 2012, 4, 1273-1281.	4.1	14
56	IOM Committee Members Respond to Endocrine Society Vitamin D Guideline. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1146-1152.	3.6	492
57	Vitamin D requirements of children: "all my life's a circle― Nutrition Reviews, 2012, 70, 201-206.	5.8	7
58	The 2011 Report on Dietary Reference Intakes for Calcium and Vitamin D from the Institute of Medicine: What Clinicians Need to Know. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 53-58.	3.6	3,343
59	Knowazaz I his article is a summary of the institute of Medicine report entitled Dietary Reference Intakes for Calcium and Vitamin D (available at) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (http://www.iom.ed	du/Reports	/2010/Die <mark>ta</mark>

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73	Fractional Absorption of Active Absorbable Algal Calcium (AAACa) and Calcium Carbonate Measured by a Dual Stable-Isotope Method. Nutrients, 2010, 2, 752-761.	4.1	14
74	Setting Dietary Reference Intakes with the use of bioavailability data: calcium. American Journal of Clinical Nutrition, 2010, 91, 1474S-1477S.	4.7	14
75	High Rates of Mortality and Morbidity Occur in Infants With Parenteral Nutrition–Associated Cholestasis. Journal of Parenteral and Enteral Nutrition, 2010, 34, 32-37.	2.6	111
76	An Inflection Point of Serum 25-Hydroxyvitamin D for Maximal Suppression of Parathyroid Hormone Is Not Evident from Multi-Site Pooled Data in Children and Adolescents ,. Journal of Nutrition, 2010, 140, 1983-1988.	2.9	51
77	Mineral homeostasis in young children consuming typical U.S. diets. Pure and Applied Chemistry, 2010, 82, 437-445.	1.9	0
78	Perturbed Zinc Homeostasis in Rural $3\hat{a}\in$ "5-y-Old Malawian Children Is Associated With Abnormalities in Intestinal Permeability Attributed to Tropical Enteropathy. Pediatric Research, 2010, 67, 671-675.	2.3	62
79	A Simple Single Serum Method to Measure Fractional Calcium Absorption using Dual Stable Isotopes. Experimental and Clinical Endocrinology and Diabetes, 2010, 118, 653-656.	1.2	6
80	Diagnosis and Prevention of Iron Deficiency and Iron-Deficiency Anemia in Infants and Young Children (O–3 Years of Age). Pediatrics, 2010, 126, 1040-1050.	2.1	761
81	Orange But Not Apple Juice Enhances Ferrous Fumarate Absorption in Small Children. Journal of Pediatric Gastroenterology and Nutrition, 2010, 50, 545-550.	1.8	13
82	Can lactoferrin prevent neonatal sepsis and necrotizing enterocolitis?. Expert Review of Anti-Infective Therapy, 2009, 7, 515-525.	4.4	8
83	Meals and Dephytinization Affect Calcium and Zinc Absorption in Nigerian Children with Rickets. Journal of Nutrition, 2009, 139, 926-932.	2.9	31
84	Higher Serum 25-Hydroxyvitamin D Levels in School-Age Children Are Inconsistently Associated with Increased Calcium Absorption. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 2421-2427.	3.6	75
85	Potassium Bicarbonate Attenuates the Urinary Nitrogen Excretion That Accompanies an Increase in Dietary Protein and May Promote Calcium Absorption. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 645-653.	3.6	81
86	The Effect of Vitamin D2 and Vitamin D3 on Intestinal Calcium Absorption in Nigerian Children with Rickets. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 3314-3321.	3.6	66
87	Iron supplementation does not affect copper and zinc absorption in breastfed infants. American Journal of Clinical Nutrition, 2009, 89, 185-190.	4.7	27
88	Docosahexaenoic Acid (DHA) Supplementation of Orange Juice Increases Plasma Phospholipid DHA Content of Children. Journal of the American Dietetic Association, 2009, 109, 708-712.	1.1	13
89	Assessing mineral metabolism in children using stable isotopes. Pediatric Blood and Cancer, 2008, 50, 438-441.	1.5	19
90	The efficacy of micronutrient supplementation in reducing the prevalence of anaemia and deficiencies of zinc and iron among adolescents in Sri Lanka. European Journal of Clinical Nutrition, 2008, 62, 856-865.	2.9	41

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91	Nutritional impact of elevated calcium transport activity in carrots. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1431-1435.	7.1	111
92	Postnatal Vitamin A Supplementation in Developing Countries: An Intervention Whose Time Has Come?. Pediatrics, 2008, 122, 180-181.	2.1	12
93	Adaptation of calcium absorption during treatment of nutritional rickets in Nigerian children. British Journal of Nutrition, 2008, 100, 387-392.	2.3	23
94	Iron Incorporation and Post-Malaria Anaemia. PLoS ONE, 2008, 3, e2133.	2.5	48
95	Effects of oligofructose-enriched inulin on intestinal absorption of calcium and magnesium and bone turnover markers in postmenopausal women. British Journal of Nutrition, 2007, 97, 365-372.	2.3	142
96	Zinc homeostasis in 1–4 year olds consuming diets typical of US children. British Journal of Nutrition, 2007, 98, 358-363.	2.3	13
97	Improving Rehydration Solutions With Human Milk Proteins: Are the Benefits Worth the Challenges?. Journal of Pediatric Gastroenterology and Nutrition, 2007, 44, 298-299.	1.8	1
98	Effect of Prebiotic Supplementation and Calcium Intake on Body Mass Index. Journal of Pediatrics, 2007, 151, 293-298.	1.8	109
99	Fractional Calcium Absorption Is Increased in Girls with Rett Syndrome. Journal of Pediatric Gastroenterology and Nutrition, 2006, 42, 419-426.	1.8	37
100	An Educational Program Enhances Food Label Understanding of Young Adolescents. Journal of the American Dietetic Association, 2006, 106, 913-916.	1.1	41
101	Bone Markers, Calcium Metabolism, and Calcium Kinetics During Extended-Duration Space Flight on the Mir Space Station. Journal of Bone and Mineral Research, 2005, 20, 208-218.	2.8	204
102	Vitamin D Receptor <i>Fok1</i> Polymorphisms Affect Calcium Absorption, Kinetics, and Bone Mineralization Rates During Puberty. Journal of Bone and Mineral Research, 2005, 20, 945-953.	2.8	114
103	Relationships among Vitamin D Levels, Parathyroid Hormone, and Calcium Absorption in Young Adolescents. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5576-5581.	3.6	158
104	Height and Height Z-Score Are Related to Calcium Absorption in Five- to Fifteen-Year-Old Girls. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5077-5081.	3.6	19
105	Effects of Potassium Alkali and Calcium Supplementation on Bone Turnover in Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3528-3533.	3.6	62
106	Absorption of calcium from the carbonated dairy soft drink is greater than that from fat-free milk and calcium-fortified orange juice in women. Nutrition Research, 2005, 25, 737-742.	2.9	6
107	Zinc Metabolism in Adolescents with Crohn's Disease. Pediatric Research, 2004, 56, 235-239.	2.3	38
108	Improved Estimation of the Calcium Content of Total Digestive Secretions. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1193-1195.	3.6	14

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109	CALCIUM AND BONE MINERAL METABOLISM IN CHILDREN WITH CHRONIC ILLNESSES. Annual Review of Nutrition, 2004, 24, 13-32.	10.1	19
110	Bioavailability of elemental iron powder in white wheat bread. European Journal of Clinical Nutrition, 2004, 58, 555-558.	2.9	19
111	Safety and Efficacy of Human Milk Fortification for Very-Low-Birth-Weight Infants. Nutrition Reviews, 2004, 62, 482-485.	5.8	15
112	Pubertal Girls Only Partially Adapt to Low Dietary Calcium Intakes. Journal of Bone and Mineral Research, 2004, 19, 759-763.	2.8	60
113	Bioavailability of iron and zinc from a multiple micronutrient-fortified beverage. Journal of Pediatrics, 2004, 145, 26-31.	1.8	25
114	Enriched chicory inulin increases calcium absorption mainly in girls with lower calcium absorption. Nutrition Research, 2003, 23, 901-909.	2.9	116
115	Inductively Coupled Plasma Mass Spectrometric Analysis of Calcium Isotopes in Human Serum: A Low-Sample-Volume Acid-Equilibration Method. Clinical Chemistry, 2003, 49, 2050-2055.	3.2	23
116	Nutritional Rickets: An Old Disease Returns. Nutrition Reviews, 2002, 60, 111-115.	5.8	74
117	Calcium fortification of breakfast cereal enhances calcium absorption in children without affecting iron absorption. Journal of Pediatrics, 2001, 139, 522-526.	1.8	42
118	Peak Bone Mass. Osteoporosis International, 2001, 11, 985-1009.	3.1	982
119	Total body calcium by neutron activation analysis: Reference data for children. Journal of Radioanalytical and Nuclear Chemistry, 2001, 249, 461-464.	1.5	4
120	Compartmental analysis of magnesium kinetics in Mg-sufficient and Mg-deficient rats. Metabolism: Clinical and Experimental, 2000, 49, 1326-1329.	3.4	8
121	Calcium Absorption, Bone Mass Accumulation, and Kinetics Increase during Early Pubertal Development in Girls. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 1805-1809.	3.6	55
122	Vitamin D Receptor Gene Fok1 Polymorphism Predicts Calcium Absorption and Bone Mineral Density in Children. Journal of Bone and Mineral Research, 1999, 14, 740-746.	2.8	188
123	Effect of growth hormone treatment on calcium kinetics in patients with osteogenesis Imperfecta Type III and IV. Bone, 1999, 25, 501-505.	2.9	28
124	The Relationship Between Magnesium and Calcium Kinetics in 9- to 14-Year-Old Children. Journal of Bone and Mineral Research, 1998, 13, 149-153.	2.8	13
125	Bone Turnover Response to Changes in Calcium Intake Is Altered in Girls and Adult Women in Families with Histories of Osteoporosis. Journal of Bone and Mineral Research, 1998, 13, 491-499.	2.8	29
126	Body composition reference data for a young multiethnic female population. Applied Radiation and Isotopes, 1998, 49, 587-588.	1.5	14

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127	Addition of Rice Cereal to Formula Does Not Impair Mineral Bioavailability. Journal of Pediatric Gastroenterology and Nutrition, 1998, 26, 175-178.	1.8	22
128	Bone Turnover during LactationCan Calcium Supplementation Make a Difference?. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 1056-1058.	3.6	11
129	Vitamin K Status and Bone Health: An Analysis of Methods for Determination of Undercarboxylated Osteocalcin. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 3258-3266.	3.6	192
130	Nutritional Controversy Nutrition and Health: Topics and Controversies Felix Bronner. BioScience, 1997, 47, 125-126.	4.9	0
131	Variables Related to Urinary Calcium Excretion in Young Girls. Journal of Pediatric Gastroenterology and Nutrition, 1996, 23, 8-12.	1.8	34
132	Changes in calcium kinetics associated with menarche. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 2017-2020.	3.6	38
133	Calcium Kinetics in Glycogen Storage Disease Type 1a. Calcified Tissue International, 1996, 59, 449-453.	3.1	1
134	Precise determination of the absorptive component of urinary calcium excretion using stable isotopes. Pediatric Nephrology, 1995, 9, 295-297.	1.7	10
135	Calcium tracer kinetics show decreased irreversible flow to bone in glucocorticoid treated patients. Calcified Tissue International, 1995, 56, 533-535.	3.1	17
136	Use of Stable Isotopic Tracers in Studies of Whole Body Calcium Metabolism. Connective Tissue Research, 1995, 31, 291-293.	2.3	4
137	Postnatal attainment of intrauterine macromineral accretion rates in low birth weight infants fed fortified human milk. Journal of Pediatrics, 1995, 126, 441-447.	1.8	89
138	Extraction of Magnesium from Biological Fluids Using 8-Hydroxyquinoline and Cation-Exchange Chromatography for Isotopic Enrichment Analysis Using Thermal Ionization Mass Spectrometry. Analytical Biochemistry, 1994, 218, 92-97.	2.4	12
139	Effects of development on techniques for calcium stable isotope studies in children. Biological Mass Spectrometry, 1994, 23, 357-361.	0.5	17
140	Application of magnetic sector thermal ionization mass spectrometry to studies of erythrocyte iron incorporation in small children. Biological Mass Spectrometry, 1994, 23, 771-775.	0.5	32
141	A non-markovian model for calcium kinetics in the body. Journal of Pharmacokinetics and Pharmacodynamics, 1994, 22, 367-379.	0.6	21
142	Relationship between balance and dual tracer isotopic measurements of calcium absorption and excretion. Journal of Clinical Endocrinology and Metabolism, 1994, 79, 965-969.	3.6	19
143	Mineral balance and bone turnover in adolescents with anorexia nervosa. Journal of Pediatrics, 1993, 123, 326-331.	1.8	88
144	Pubertal Changes in Calcium Kinetics in Girls Assessed Using 42Ca. Pediatric Research, 1993, 34, 455-459.	2.3	28

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145	Bone mineralization in former very low birth weight infants fed either human milk or commercial formula. Journal of Pediatrics, 1988, 112, 956-960.	1.8	64
146	Bioavailability of calcium and phosphorus in human milk fortifiers and formula for very low birth weight infants. Journal of Pediatrics, 1988, 113, 95-100.	1.8	50
147	Mineral balance studies in very low birth weight infants fed human milk. Journal of Pediatrics, 1988, 113, 230-238.	1.8	27