Bo LÃ¶nnerdal

List of Publications by Year
in descending order

#	Article	IF	Citations
1	Nutritional and physiologic significance of human milk proteins. American Journal of Clinical Nutrition, 2003, 77, 1537S-1543S.	4.7	677
2	International Zinc Nutrition Consultative Group (IZiNCG) technical document #1. Assessment of the risk of zinc deficiency in populations and options for its control. Food and Nutrition Bulletin, 2004, 25, S99-203.	1.4	584
3	Global Standard for the Composition of Infant Formula: Recommendations of an ESPGHAN Coordinated International Expert Group. Journal of Pediatric Gastroenterology and Nutrition, 2005, 41, 584-599.	1.8	503
4	Influence of ashing techniques on the analysis of trace elements in animal tissue. Biological Trace Element Research, 1981, 3, 107-115.	3.5	429
5	Molecular Cloning and Functional Expression of a Human Intestinal Lactoferrin Receptor. Biochemistry, 2001, 40, 15771-15779.	2.5	304
6	Neurodevelopment, nutrition, and growth until 12 mo of age in infants fed a low-energy, low-protein formula supplemented with bovine milk fat globule membranes: a randomized controlled trial. American Journal of Clinical Nutrition, 2014, 99, 860-868.	4.7	277
7	Human milk exosomes and their microRNAs survive digestion in vitro and are taken up by human intestinal cells. Molecular Nutrition and Food Research, 2017, 61, 1700082.	3.3	255
8	Identification of a Mutation in SLC30A2 (ZnT-2) in Women with Low Milk Zinc Concentration That Results in Transient Neonatal Zinc Deficiency. Journal of Biological Chemistry, 2006, 281, 39699-39707.	3.4	242
9	Inhibitory Effects of Phytic Acid and Other Inositol Phosphates on Zinc and Calcium Absorption in Suckling Rats. Journal of Nutrition, 1989, 119, 211-214.	2.9	232
10	Iron Supplementation Affects Growth and Morbidity of Breast-Fed Infants: Results of a Randomized Trial in Sweden and Honduras. Journal of Nutrition, 2002, 132, 3249-3255.	2.9	225
11	Infant formula and infant nutrition: bioactive proteins of human milk and implications for composition of infant formulas. American Journal of Clinical Nutrition, 2014, 99, 712S-717S.	4.7	219
12	The Human Milk Metabolome Reveals Diverse Oligosaccharide Profiles. Journal of Nutrition, 2013, 143, 1709-1718.	2.9	212
13	Effects of Maternal Dietary Intake on Human Milk Composition. Journal of Nutrition, 1986, 116, 499-513.	2.9	206
14	Persistence of Human Milk Proteins in the Breastâ€Fed Infant. Acta Paediatrica, International Journal of Paediatrics, 1987, 76, 733-740.	1.5	202
15	Gender and age differences in the metabolism of inorganic arsenic in a highly exposed population in Bangladesh. Environmental Research, 2008, 106, 110-120.	7.5	200
16	Iron in human milk. Journal of Pediatrics, 1980, 96, 380-384.	1.8	196
17	Oral Iron, Dietary Ligands and Zinc Absorption. Journal of Nutrition, 1985, 115, 411-414.	2.9	189
18	Applications for Î±-lactalbumin in human nutrition. Nutrition Reviews, 2018, 76, 444-460.	5.8	186

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19	Iron, zinc, and copper concentrations in breast milk are independent of maternal mineral status. American Journal of Clinical Nutrition, 2004, 79, 111-115.	4.7	182
20	A community-based randomized controlled trial of iron and zinc supplementation in Indonesian infants: interactions between iron and zinc. American Journal of Clinical Nutrition, 2003, 77, 883-890.	4.7	180
21	Bioactive peptides derived from human milk proteins â€" mechanisms of action. Journal of Nutritional Biochemistry, 2014, 25, 503-514.	4.2	175
22	Iron supplementation of breast-fed Honduran and Swedish infants from 4 to 9 months of age. Journal of Pediatrics, 2001, 138, 679-687.	1.8	172
23	Developmental Changes in Composition of Rat Milk: Trace Elements, Minerals, Protein, Carbohydrate and Fat. Journal of Nutrition, 1981, 111, 226-236.	2.9	171
24	Expression of human lactoferrin in transgenic rice grains for the application in infant formula. Plant Science, 2002, 163, 713-722.	3.6	164
25	Milk and Nutrient Intake of Breast-Fed Infants from 1 to 6 Months. Journal of Pediatric Gastroenterology and Nutrition, 1983, 2, 497-506.	1.8	162
26	Compositional Dynamics of the Milk Fat Globule and Its Role in Infant Development. Frontiers in Pediatrics, 2018, 6, 313.	1.9	162
27	Bioactive proteins in breast milk. Journal of Paediatrics and Child Health, 2013, 49, 1-7.	0.8	155
28	Longitudinal evolution of true protein, amino acids and bioactive proteins in breast milk: a developmental perspective. Journal of Nutritional Biochemistry, 2017, 41, 1-11.	4.2	154
29	Sex Differences in Iron Status During Infancy. Pediatrics, 2002, 110, 545-552.	2.1	151
30	Amino Acid Profiles in Term and Preterm Human Milk through Lactation: A Systematic Review. Nutrients, 2013, 5, 4800-4821.	4.1	151
31	Nutritional roles of lactoferrin. Current Opinion in Clinical Nutrition and Metabolic Care, 2009, 12, 293-297.	2.5	144
32	Infections in Infants Fed Formula Supplemented With Bovine Milk Fat Globule Membranes. Journal of Pediatric Gastroenterology and Nutrition, 2015, 60, 384-389.	1.8	144
33	Bioactive Proteins in Human Milk: Health, Nutrition, and Implications forÂInfant Formulas. Journal of Pediatrics, 2016, 173, S4-S9.	1.8	144
34	DMT1 gene expression and cadmium absorption in human absorptive enterocytes. Toxicology Letters, 2001, 122, 171-177.	0.8	143
35	Glycosylation of Human Milk Lactoferrin Exhibits Dynamic Changes During Early Lactation Enhancing Its Role in Pathogenic Bacteria-Host Interactions. Molecular and Cellular Proteomics, 2012, 11, M111.015248.	3.8	143
36	Proteomic Characterization of Human Milk Whey Proteins during a Twelve-Month Lactation Period. Journal of Proteome Research, 2011, 10, 1746-1754.	3.7	142

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37	Adequacy of energy intake among breast-fed infants in the DARLING study: Relationships to growth velocity, morbidity, and activity levels. Journal of Pediatrics, 1991, 119, 538-547.	1.8	141
38	Clinical Benefits of Milk Fat Globule Membranes for Infants and Children. Journal of Pediatrics, 2016, 173, S60-S65.	1.8	140
39	Distribution of Trace Elements and Minerals in Human and Cow's Milk. Pediatric Research, 1983, 17, 912-915.	2.3	137
40	Reâ€evaluation of the whey protein/casein ratio of human milk. Acta Paediatrica, International Journal of Paediatrics, 1992, 81, 107-112.	1.5	135
41	Nutritional and Physiologic Significance of Î±-Lactalbumin in Infants. Nutrition Reviews, 2003, 61, 295-305.	5.8	135
42	Apoâ€•and holoâ€lactoferrin are both internalized by lactoferrin receptor via clathrinâ€mediated endocytosis but differentially affect ERKâ€signaling and cell proliferation in cacoâ€2 cells. Journal of Cellular Physiology, 2011, 226, 3022-3031.	4.1	133
43	Bioactive Proteins in Human Milk: Mechanisms of Action. Journal of Pediatrics, 2010, 156, S26-S30.	1.8	131
44	Iron absorption in breast-fed infants: effects of age, iron status, iron supplements, and complementary foods,,. American Journal of Clinical Nutrition, 2002, 76, 198-204.	4.7	130
45	Intake and growth of breastâ€fed and formulaâ€fed infants in relation to the timing of introduction of complementary foods: the DARLING study. Acta Paediatrica, International Journal of Paediatrics, 1993, 82, 999-1006.	1.5	128
46	Maternal Versus Infant Factors Related to Breast Milk Intake and Residual Milk Volume: The DARLING Study. Pediatrics, 1991, 87, 829-837.	2.1	128
47	Human Milk K-Casein and Inhibition of Helicobacter pylori Adhesion to Human Gastric Mucosa. Journal of Pediatric Gastroenterology and Nutrition, 1995, 21, 288-296.	1.8	126
48	Influence of Lactoferrin on Iron Absorption from Human Milk in Infants. Pediatric Research, 1994, 35, 117-124.	2.3	124
49	Proteomic Characterization of Human Milk Fat Globule Membrane Proteins during a 12 Month Lactation Period. Journal of Proteome Research, 2011, 10, 3530-3541.	3.7	124
50	Effects of Different Industrial Heating Processes of Milk on Site-Specific Protein Modifications and Their Relationship to in Vitro and in Vivo Digestibility. Journal of Agricultural and Food Chemistry, 2014, 62, 4175-4185.	5.2	124
51	Neurobehavioral evaluation of rhesus monkey infants fed cow's milk formula, soy formula, or soy formula with added manganese. Neurotoxicology and Teratology, 2005, 27, 615-627.	2.4	120
52	Phytic acid-trace element (Zn, Cu, Mn) interactions. International Journal of Food Science and Technology, 2002, 37, 749-758.	2.7	119
53	The Effect of Casein Phosphopetides on Zinc and Calcium Absorption from High Phytate Infant Diets Assessed in Rat Pups and Caco-2 Cells. Pediatric Research, 1996, 40, 547-552.	2.3	118
54	Exosomal MicroRNAs in Milk from Mothers Delivering Preterm Infants Survive in Vitro Digestion and Are Taken Up by Human Intestinal Cells. Molecular Nutrition and Food Research, 2018, 62, e1701050.	3.3	116

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55	Randomized trial of the short-term effects of dieting compared with dieting plus aerobic exercise on lactation performance. American Journal of Clinical Nutrition, 1999, 69, 959-967.	4.7	114
56	Identification of Transferrin as the Major Plasma Carrier Protein for Manganese Introduced Orally or Intravenously or After In Vitro Addition in the Rat. Journal of Nutrition, 1989, 119, 1461-1464.	2.9	112
57	Biochemical and molecular impacts of lactoferrin on small intestinal growth and development during early life¹This article is part of a Special Issue entitled Lactoferrin and has undergone the Journal's usual peer review process.. Biochemistry and Cell Biology, 2012, 90, 476-484.	2.0	111
58	Recent Advances in Knowledge of Zinc Nutrition and Human Health. Food and Nutrition Bulletin, 2009, 30, S5-S11.	1.4	110
59	Efficacy of Rice-based Oral Rehydration Solution Containing Recombinant Human Lactoferrin and Lysozyme in Peruvian Children With Acute Diarrhea. Journal of Pediatric Gastroenterology and Nutrition, 2007, 44, 258-264.	1.8	109
60	Bovine Lactoferrin Can Be Taken Up by the Human Intestinal Lactoferrin Receptor and Exert Bioactivities. Journal of Pediatric Gastroenterology and Nutrition, 2011, 53, 606-614.	1.8	109
61	Benefits of Lactoferrin, Osteopontin and Milk Fat Globule Membranes for Infants. Nutrients, 2017, 9, 817.	4.1	109
62	Soybean ferritin: implications for iron status of vegetarians. American Journal of Clinical Nutrition, 2009, 89, 1680S-1685S.	4.7	108
63	Breast milk: a truly functional food. Nutrition, 2000, 16, 509-511.	2.4	106
64	Excess iron intake as a factor in growth, infections, and development of infants and young children. American Journal of Clinical Nutrition, 2017, 106, 1681S-1687S.	4.7	105
65	Iron absorption from soybean ferritin in nonanemic women. American Journal of Clinical Nutrition, 2006, 83, 103-107.	4.7	104
66	Calcium and Iron Absorption - Mechanisms and Public Health Relevance. International Journal for Vitamin and Nutrition Research, 2010, 80, 293-299.	1.5	103
67	The Effect of Age on Manganese Uptake and Retention from Milk and Infant Formulas in Rats. Journal of Nutrition, 1986, 116, 395-402.	2.9	100
68	Efficacy of an MFGMâ€enriched Complementary Food in Diarrhea, Anemia, and Micronutrient Status in Infants. Journal of Pediatric Gastroenterology and Nutrition, 2011, 53, 561-568.	1.8	100
69	Milk fat globule membrane: the role of its various components in infant health and development. Journal of Nutritional Biochemistry, 2020, 85, 108465.	4.2	100
70	Arsenic methylation efficiency increases during the first trimester of pregnancy independent of folate status. Reproductive Toxicology, 2011, 31, 210-218.	2.9	99
71	Expression of functional recombinant human lysozyme in transgenic rice cell culture. Transgenic Research, 2002, 11, 229-239.	2.4	98
72	Cellular internalization of lactoferrin in intestinal epithelial cells. BioMetals, 2004, 17, 311-315.	4.1	97

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73	Influence of iron and zinc status on cadmium accumulation in Bangladeshi women. Toxicology and Applied Pharmacology, 2007, 222, 221-226.	2.8	97
74	Receptor-mediated uptake of ferritin-bound iron by human intestinal Caco-2 cells. Journal of Nutritional Biochemistry, 2009, 20, 304-311.	4.2	97
75	Iron status of infants fed low-iron formula: no effect of added bovine lactoferrin or nucleotides. American Journal of Clinical Nutrition, 2002, 76, 858-864.	4.7	96
76	Superoxide Dismutase Activity and Lipid Peroxidation in the Rat: Developmental Correlations Affected by Manganese Deficiency. Journal of Nutrition, 1983, 113, 2498-2504.	2.9	95
77	Longitudinal Changes in Lactoferrin Concentrations in Human Milk: A Global Systematic Review,. Critical Reviews in Food Science and Nutrition, 2014, 54, 1539-1547.	10.3	94
78	Iron in ferritin or in salts (ferrous sulfate) is equally bioavailable in nonanemic women. American Journal of Clinical Nutrition, 2004, 80, 936-940.	4.7	93
79	Expression, Characterization, and Biologic Activity of Recombinant Human Lactoferrin in Rice. Journal of Pediatric Gastroenterology and Nutrition, 2003, 36, 190-199.	1.8	92
80	A folding variant of Î±-lactalbumin with bactericidal activity against Streptococcus pneumoniae. Molecular Microbiology, 2002, 35, 589-600.	2.5	91
81	Hepcidin, the Recently Identified Peptide that Appears to Regulate Iron Absorption. Journal of Nutrition, 2004, 134, 1-4.	2.9	91
82	Compartmentalization and Quantitation of Protein in Human Milk. Journal of Nutrition, 1987, 117, 1385-1395.	2.9	90
83	Zn Transporter Levels and Localization Change Throughout Lactation in Rat Mammary Gland and Are Regulated by Zn in Mammary Cells. Journal of Nutrition, 2003, 133, 3378-3385.	2.9	90
84	Early Diet Impacts Infant Rhesus Gut Microbiome, Immunity, and Metabolism. Journal of Proteome Research, 2013, 12, 2833-2845.	3.7	90
85	Glycomacropeptide and Î±-lactalbumin supplementation of infant formula affects growth and nutritional status in infant rhesus monkeys. American Journal of Clinical Nutrition, 2003, 77, 1261-1268.	4.7	89
86	Solubility and Digestibility of Milk Proteins in Infant Formulas Exposed to Different Heat Treatments. Journal of Pediatric Gastroenterology and Nutrition, 1992, 15, 25-33.	1.8	86
87	Gender and age differences in mixed metal exposure and urinary excretion. Environmental Research, 2011, 111, 1271-1279.	7.5	85
88	Growth, Nutrition, and Cytokine Response of Breastâ€fed Infants and Infants Fed Formula With Added Bovine Osteopontin. Journal of Pediatric Gastroenterology and Nutrition, 2016, 62, 650-657.	1.8	85
89	Frataxin expression rescues mitochondrial dysfunctions in FRDA cells. Human Molecular Genetics, 2001, 10, 2099-2107.	2.9	84
90	Effects of Î±-lactalbuminâ€“enriched formula containing different concentrations of glycomacropeptide on infant nutrition. American Journal of Clinical Nutrition, 2008, 87, 921-928.	4.7	82

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91	Absorption of iron from unmodified maize and genetically altered, low-phytate maize fortified with ferrous sulfate or sodium iron EDTA. American Journal of Clinical Nutrition, 2001, 73, 80-85.	4.7	79
92	Serum leptin concentrations in infants: effects of diet, sex, and adiposity. American Journal of Clinical Nutrition, 2000, 72, 484-489.	4.7	75
93	Î±1-Antitrypsin and antichymotrypsin in human milk: origin, concentrations, and stability. American Journal of Clinical Nutrition, 2002, 76, 828-833.	4.7	74
94	Human Milk Proteins. Advances in Experimental Medicine and Biology, 2004, , 11-25.	1.6	73
95	Nutritional evaluation of protein hydrolysate formulas in healthy term infants: plasma amino acids, hematology, and trace elements. American Journal of Clinical Nutrition, 2003, 78, 296-301.	4.7	72
96	Prevalence and predictors of iron deficiency in fully breastfed infants at 6 mo of age: comparison of data from 6 studies. American Journal of Clinical Nutrition, 2009, 89, 1433-1440.	4.7	72
97	Fecal microbiome and metabolome of infants fed bovine MFGM supplemented formula or standard formula with breast-fed infants as reference: a randomized controlled trial. Scientific Reports, 2019, 9, 11589.	3.3	72
98	rRNA Probes Used to Quantify the Effects of Glycomacropeptide and Î±-Lactalbumin Supplementation on the Predominant Groups of Intestinal Bacteria of Infant Rhesus Monkeys Challenged with Enteropathogenic Escherichia coli. Journal of Pediatric Gastroenterology and Nutrition, 2003, 37, 273-280.	1.8	69
99	Zinc Deficiency Is Associated with Increased Brain Zinc Import and LIV-1 Expression and Decreased ZnT-1 Expression in Neonatal Rats. Journal of Nutrition, 2005, 135, 1002-1007.	2.9	69
100	Absolute Quantification of Human Milk Caseins and the Whey/Casein Ratio during the First Year of Lactation. Journal of Proteome Research, 2017, 16, 4113-4121.	3.7	69
101	Genetically Modified Plants for Improved Trace Element Nutrition. Journal of Nutrition, 2003, 133, 1490S-1493S.	2.9	68
102	A multinational study of Î±-lactalbumin concentrations in human milk. Journal of Nutritional Biochemistry, 2004, 15, 517-521.	4.2	68
103	Bovine lactoferrin and lactoferricin exert antitumor activities on human colorectal cancer cells (HT-29) by activating various signaling pathways. Biochemistry and Cell Biology, 2017, 95, 99-109.	2.0	68
104	Zinc Transporters in the Rat Mammary Gland Respond to Marginal Zinc and Vitamin A Intakes during Lactation. Journal of Nutrition, 2002, 132, 3280-3285.	2.9	67
105	Nutritional adequacy of goat milk infant formulas for term infants: a double-blind randomised controlled trial. British Journal of Nutrition, 2014, 111, 1641-1651.	2.3	67
106	Supplementation of Infant Formula with Bovine Milk Fat Globule Membranes. Advances in Nutrition, 2017, 8, 351-355.	6.4	67
107	Zinc Deficiency Teratogenicity: The Protective Role of Maternal Tissue Catabolism. Journal of Nutrition, 1983, 113, 905-912.	2.9	66
108	Nonâ€Protein Nitrogen and True Protein in Infant Formulas. Acta Paediatrica, International Journal of Paediatrics, 1989, 78, 497-504.	1.5	66

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109	Purification and quantification of lactoperoxidase in human milk with use of immunoadsorbents with antibodies against recombinant human lactoperoxidase. American Journal of Clinical Nutrition, 2001, 73, 984-989.	4.7	66
110	Iron supplementation during infancyâ€"effects on expression of iron transporters, iron absorption, and iron utilization in rat pups. American Journal of Clinical Nutrition, 2003, 78, 1203-1211.	4.7	66
111	Viral, Nutritional, and Bacterial Safety of Flash-Heated and Pretoria-Pasteurized Breast Milk to Prevent Mother-to-Child Transmission of HIV in Resource-Poor Countries. Journal of Acquired Immune Deficiency Syndromes (1999), 2005, 40, 175-181.	2.1	66
112	Trace Element Transport in the Mammary Gland. Annual Review of Nutrition, 2007, 27, 165-177.	10.1	66
113	The N1 Domain of Human Lactoferrin Is Required for Internalization by Caco-2 Cells and Targeting to the Nucleus. Biochemistry, 2008, 47, 10915-10920.	2.5	66
114	Cadmium interacts with the transport of essential micronutrients in the mammary glandâ€"A study in rural Bangladeshi women. Toxicology, 2009, 257, 64-69.	4.2	66
115	Bioactive peptides released from in vitro digestion of human milk with or without pasteurization. Pediatric Research, 2015, 77, 546-553.	2.3	66
116	Zip3 plays a major role in zinc uptake into mammary epithelial cells and is regulated by prolactin. American Journal of Physiology - Cell Physiology, 2005, 288, C1042-C1047.	4.6	65
117	Effects of dietary factors on iron uptake from ferritin by Caco-2 cells. Journal of Nutritional Biochemistry, 2008, 19, 33-39.	4.2	65
118	Bioactive Proteins in Human Milkâ€"Potential Benefits for Preterm Infants. Clinics in Perinatology, 2017, 44, 179-191.	2.1	63
119	Concentration of Lactoferrin in Human Milk and Its Variation during Lactation in Different Chinese Populations. Nutrients, 2018, 10, 1235.	4.1	63
120	Iron supplementation of ironâ€replete Indonesian infants is associated with reduced weightâ€forâ€age. Acta Paediatrica, International Journal of Paediatrics, 2008, 97, 770-775.	1.5	62
121	Effect of reducing the phytate content and of partially hydrolyzing the protein in soy formula on zinc and copper absorption and status in infant rhesus monkeys and rat pups. American Journal of Clinical Nutrition, 1999, 69, 490-496.	4.7	61
122	Intestinal regulation of copper homeostasis: a developmental perspective. American Journal of Clinical Nutrition, 2008, 88, 846S-850S.	4.7	60
123	Comparative Proteomics of Human and Macaque Milk Reveals Species-Specific Nutrition during Postnatal Development. Journal of Proteome Research, 2015, 14, 2143-2157.	3.7	60
124	Functional and molecular responses of human intestinal Caco-2 cells to iron treatment. American Journal of Clinical Nutrition, 2000, 72, 770-775.	4.7	59
125	Maternal zinc deficiency reduces NMDA receptor expression in neonatal rat brain, which persists into early adulthood. Journal of Neurochemistry, 2005, 94, 510-519.	3.9	59
126	Effects of Bovine Î±-Lactalbumin and Casein Glycomacropeptideâ€"enriched Infant Formulae on Faecal Microbiota in Healthy Term Infants. Journal of Pediatric Gastroenterology and Nutrition, 2006, 43, 673-679.	1.8	59

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127	Effect of phytate reduction of sorghum, through genetic modification, on iron and zinc availability as assessed by an in vitro dialysability bioaccessibility assay, Caco-2 cell uptake assay, and suckling rat pup absorption model. Food Chemistry, 2013, 141, 1019-1025.	8.2	59
128	Cardiovascular risk markers until 12 mo of age in infants fed a formula supplemented with bovine milk fat globule membranes. Pediatric Research, 2014, 76, 394-400.	2.3	59
129	Obesogenic diets alter metabolism in mice. PLoS ONE, 2018, 13, e0190632.	2.5	59
130	DMT1 and FPN1 expression during infancy: developmental regulation of iron absorption. American Journal of Physiology - Renal Physiology, 2003, 285, G1153-G1161.	3.4	58
131	Development of iron homeostasis in infants and young children. American Journal of Clinical Nutrition, 2017, 106, 1575S-1580S.	4.7	58
132	Effects of Shortâ€Term Caloric Restriction on Lactational Performance of Wellâ€Nourished Women. Acta Paediatrica, International Journal of Paediatrics, 1986, 75, 222-229.	1.5	57
133	Caco-2 Cell Acquisition of Dietary Iron(III) Invokes a Nanoparticulate Endocytic Pathway. PLoS ONE, 2013, 8, e81250.	2.5	57
134	A Longitudinal Study of Rhesus Monkey (Macaca mulatta) Milk Composition: Trace Elements, Minerals, Protein, Carbohydrate, and Fat. Pediatric Research, 1984, 18, 911-914.	2.3	55
135	Developmental Physiology of Iron Absorption, Homeostasis, and Metabolism in the Healthy Term Infant. Journal of Pediatrics, 2015, 167, S8-S14.	1.8	55
136	Effects of weaning cereals with different phytate contents on hemoglobin, iron stores, and serum zinc: a randomized intervention in infants from 6 to 12 mo of age. American Journal of Clinical Nutrition, 2003, 78, 168-175.	4.7	54
137	Metabolomic Phenotyping Validates the Infant Rhesus Monkey as a Model of Human Infant Metabolism. Journal of Pediatric Gastroenterology and Nutrition, 2013, 56, 355-363.	1.8	54
138	Zinc, copper, calcium, and magnesium in human milk. Journal of Pediatrics, 1982, 101, 504-508.	1.8	53
139	miR-214 Regulates Lactoferrin Expression and Pro-Apoptotic Function in Mammary Epithelial Cells. Journal of Nutrition, 2010, 140, 1552-1556.	2.9	53
140	Novel angiotensin-I-converting enzyme inhibitory peptides derived from recombinant human Î±s1-casein expressed in Escherichia coli. Journal of Dairy Research, 1999, 66, 431-439.	1.4	51
141	Baculovirus expression of mouse lactoferrin receptor and tissue distribution in the mouse. BioMetals, 2004, 17, 301-309.	4.1	51
142	A follow-up study of nutrient intake, nutritional status, and growth in infants with cow milk allergy fed either a soy formula or an extensively hydrolyzed whey formula. American Journal of Clinical Nutrition, 2005, 82, 140-145.	4.7	51
143	Expression of natural antimicrobial human lysozyme in rice grains. Molecular Breeding, 2002, 10, 83-94.	2.1	50
144	Molecular regulation of milk trace mineral homeostasis. Molecular Aspects of Medicine, 2005, 26, 328-339.	6.4	50

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145	Absorption of iron from recombinant human lactoferrin in young US women. American Journal of Clinical Nutrition, 2006, 83, 305-309.	4.7	50
146	Maternal Zinc Deficiency in Rats Affects Growth and Glucose Metabolism in the Offspring by Inducing Insulin Resistance Postnatally. Journal of Nutrition, 2010, 140, 1621-1627.	2.9	50
147	Calcium Binding by Î±-Lactalbumin in Human Milk and Bovine Milk. Journal of Nutrition, 1985, 115, 1209-1216.	2.9	49
148	Bovine Osteopontin Modifies the Intestinal Transcriptome of Formula-Fed Infant Rhesus Monkeys to Be More Similar to Those That Were Breastfed. Journal of Nutrition, 2014, 144, 1910-1919.	2.9	49
149	A follow-up study of nutrient intake, nutritional status, and growth in infants with cow milk allergy fed either a soy formula or an extensively hydrolyzed whey formula. American Journal of Clinical Nutrition, 2005, 82, 140-145.	4.7	48
150	Effects of copper supplementation on copper absorption, tissue distribution, and copper transporter expression in an infant rat model. American Journal of Physiology - Renal Physiology, 2005, 288, G1007-G1014.	3.4	48
151	Postprandial metabolic response of breast-fed infants and infants fed lactose-free vs regular infant formula: A randomized controlled trial. Scientific Reports, 2017, 7, 3640.	3.3	48
152	Oral Microbiota in Infants Fed a Formula Supplemented with Bovine Milk Fat Globule Membranes - A Randomized Controlled Trial. PLoS ONE, 2017, 12, e0169831.	2.5	48
153	Potential host-defense role of a human milk vitamin B-12â€"binding protein, haptocorrin, in the gastrointestinal tract of breastfed infants, as assessed with porcine haptocorrin in vitro. American Journal of Clinical Nutrition, 2003, 77, 1234-1240.	4.7	47
154	Anaemia and iron deficiency during pregnancy in rural Bangladesh. Public Health Nutrition, 2004, 7, 1065-1070.	2.2	47
155	Inhibitory effects of native and recombinant full-length camel lactoferrin and its N and C lobes on hepatitis C virus infection of Huh7.5 cells. Journal of Medical Microbiology, 2012, 61, 375-383.	1.8	47
156	Metabolic phenotype of breast-fed infants, and infants fed standard formula or bovine MFGM supplemented formula: a randomized controlled trial. Scientific Reports, 2019, 9, 339.	3.3	45
157	Effects of Varying Dietary Iron on the Expression of Copper Deficiency in the Growing Rat: Anemia, Ferroxidase I and II, Tissue Trace Elements, Ascorbic Acid, and Xanthine Dehydrogenase. Journal of Nutrition, 1985, 115, 633-649.	2.9	44
158	Selenium Content and Glutathione Peroxidase Activity of Milk from Vegetarian and Nonvegetarian Women. Journal of Nutrition, 1989, 119, 215-220.	2.9	44
159	Supplementation of Infant Formula With the Probiotic Lactobacillus reuteri and Zinc: Impact on Enteric Infection and Nutrition in Infant Rhesus Monkeys. Journal of Pediatric Gastroenterology and Nutrition, 2002, 35, 162-168.	1.8	44
160	Iron Retention from Lactoferrin-Supplemented Formulas in Infant Rhesus Monkeys. Pediatric Research, 1990, 27, 176-180.	2.3	43
161	Analysis of whole blood manganese by flameless atomic absorption spectrophotometry and its use as an indicator of manganese status in animals. Analytical Biochemistry, 1986, 157, 12-18.	2.4	42
162	Higher retention of manganese in suckling than in adult rats is not due to maturational differences in manganese uptake by rat small intestine. Journal of Toxicology and Environmental Health - Part A: Current Issues, 1989, 26, 387-398.	2.3	42

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163	Ontogenic changes in lactoferrin receptor and DMT1 in mouse small intestine: implications for iron absorption during early lifeThis paper is one of a selection of papers published in this Special Issue, entitled 7th International Conference on Lactoferrin: Structure, Function, and Applications, and has undergone the Journal's usual peer review process.. Biochemistry and Cell Biology, 2006, 84, 337-344.	2.0	42
164	Regulation of Mineral and Trace Elements in Human Milk: Exogenous and Endogenous Factors. Nutrition Reviews, 2000, 58, 223-229.	5.8	42
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