Bo Lnnerdal

List of Publications by Year in Descending Order

350 papers	17,244 citations	75 h-index	111 g-index
361 ext. papers	19,389 ext. citations	4.3 avg, IF	7.16 L-index

#	Paper	IF	Citations
350	Human intelectin-2 (ITLN2) is selectively expressed by secretory Paneth cells.. *FASEB Journal*, **2022**, 36, e22200	0.9	0
349	Metabolic Phenotype and Microbiome of Infants Fed Formula Containing Strain F-19.. *Frontiers in Pediatrics*, **2022**, 10, 856951	3.4	1
348	Postnatal Iron Supplementation with Ferrous Sulfate vs. Ferrous Bis-Glycinate Chelate: Effects on Iron Metabolism, Growth, and Central Nervous System Development in Sprague Dawley Rat Pups. *Nutrients*, **2021**, 13,	6.7	1
347	Serum cytokine patterns are modulated in infants fed formula with probiotics or milk fat globule membranes: A randomized controlled trial. *PLoS ONE*, **2021**, 16, e0251293	3.7	4
346	Recombinant Bovine and Human Osteopontin Generated by Chlamydomonas reinhardtii Exhibit Bioactivities Similar to Bovine Milk Osteopontin When Assessed in Mouse Pups Fed Osteopontin-Deficient Milk. *Molecular Nutrition and Food Research*, **2021**, 65, e2000644	5.9	3
345	Human intelectin-1 (ITLN1) genetic variation and intestinal expression. *Scientific Reports*, **2021**, 11, 12889	4.9	3
344	Biological activities of commercial bovine lactoferrin sources. *Biochemistry and Cell Biology*, **2021**, 99, 35-46	3.6	6
343	Milk Fat Globule Membrane as a Modulator of Infant Metabolism and Gut Microbiota: A Formula Supplement Narrowing the Metabolic Differences between Breastfed and Formula-Fed Infants. *Molecular Nutrition and Food Research*, **2021**, 65, e2000603	5.9	5
342	Acceptance of a Nordic, Protein-Reduced Diet for Young Children during Complementary Feeding-A Randomized Controlled Trial. *Foods*, **2021**, 10,	4.9	1
341	Neurodevelopment and growth until 6.5 years of infants who consumed a low-energy, low-protein formula supplemented with bovine milk fat globule membranes: a randomized controlled trial. *American Journal of Clinical Nutrition*, **2021**, 113, 586-592	7	5
340	Extensive variation in the intelectin gene family in laboratory and wild mouse strains. *Scientific Reports*, **2021**, 11, 15548	4.9	1
339	Immunological Effects of Adding Bovine Lactoferrin and Reducing Iron in Infant Formula: A Randomized Controlled Trial.. *Journal of Pediatric Gastroenterology and Nutrition*, **2021**, 74,	2.8	2
338	Evaluation of Bioactivities of the Bovine Milk Lactoferrin-Osteopontin Complex in Infant Formulas. *Journal of Agricultural and Food Chemistry*, **2020**, 68, 6104-6111	5.7	6
337	Milk Fat Globule Membranes: Effects on Microbiome, Metabolome, and Infections in Infants and Children. *Nestle Nutrition Institute Workshop Series*, **2020**, 94, 133-140	1.9	5
336	Effects of Milk Osteopontin on Intestine, Neurodevelopment, and Immunity. *Nestle Nutrition Institute Workshop Series*, **2020**, 94, 152-157	1.9	5
335	Bioactive peptides derived from human milk proteins: an update. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2020**, 23, 217-222	3.8	9
334	Effects of Milk Secretory Immunoglobulin A on the Commensal Microbiota. *Nestle Nutrition Institute Workshop Series*, **2020**, 94, 158-168	1.9	5

333	Omics analysis reveals variations among commercial sources of bovine milk fat globule membrane. *Journal of Dairy Science*, **2020**, 103, 3002-3016	4	21
332	Reducing Iron Content in Infant Formula from 8 to 2 mg/L Does Not Increase the Risk of Iron Deficiency at 4 or 6 Months of Age: A Randomized Controlled Trial. *Nutrients*, **2020**, 13,	6.7	3
331	Effects of age, sex and diet on salivary nitrate and nitrite in infants. *Nitric Oxide - Biology and Chemistry*, **2020**, 94, 73-78	5	5
330	The bovine Lactoferrin-Osteopontin complex increases proliferation of human intestinal epithelial cells by activating the PI3K/Akt signaling pathway. *Food Chemistry*, **2020**, 310, 125919	8.5	7
329	Evaluation of Bioactivities of Bovine Milk Osteopontin Using a Knockout Mouse Model. *Journal of Pediatric Gastroenterology and Nutrition*, **2020**, 71, 125-131	2.8	8
328	Milk fat globule membrane: the role of its various components in infant health and development. *Journal of Nutritional Biochemistry*, **2020**, 85, 108465	6.3	29
327	A mouse model and F NMR approach to investigate the effects of sialic acid supplementation on cognitive development. *FEBS Letters*, **2020**, 594, 135-143	3.8	1
326	Feeding Infants Formula With Probiotics or Milk Fat Globule Membrane: A Double-Blind, Randomized Controlled Trial. *Frontiers in Pediatrics*, **2019**, 7, 347	3.4	25
325	An Experimental Approach to Rigorously Assess Paneth Cell Defensin (Defa) mRNA Expression in C57BL/6 Mice. *Scientific Reports*, **2019**, 9, 13115	4.9	9
324	Osteopontin in human milk and infant formula affects infant plasma osteopontin concentrations. *Pediatric Research*, **2019**, 85, 502-505	3.2	15
323	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	4.9	22
322	Study protocol: optimized complementary feeding study (OTIS): a randomized controlled trial of the impact of a protein-reduced complementary diet based on Nordic foods. *BMC Public Health*, **2019**, 19, 134	4.1	7
321	Protein-Reduced Complementary Foods Based on Nordic Ingredients Combined with Systematic Introduction of Taste Portions Increase Intake of Fruits and Vegetables in 9 Month Old Infants: A Randomised Controlled Trial. *Nutrients*, **2019**, 11,	6.7	5
320	Effects of milk fat globule membrane and its various components on neurologic development in a postnatal growth restriction rat model. *Journal of Nutritional Biochemistry*, **2019**, 69, 163-171	6.3	19
319	Assessment of bioactivities of the human milk lactoferrin-osteopontin complex in vitro. *Journal of Nutritional Biochemistry*, **2019**, 69, 10-18	6.3	16
318	The Role of Protein and Free Amino Acids on Intake, Metabolism, and Gut Microbiome: A Comparison Between Breast-Fed and Formula-Fed Rhesus Monkey Infants. *Frontiers in Pediatrics*, **2019**, 7, 563	3.4	10
317	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	4.9	30
316	Excess Iron Enhances Purine Catabolism Through Activation of Xanthine Oxidase and Impairs Myelination in the Hippocampus of Nursing Piglets. *Journal of Nutrition*, **2019**, 149, 1911-1919	4.1	2

315	Milk osteopontin promotes brain development by up-regulating osteopontin in the brain in early life. *FASEB Journal*, **2019**, 33, 1681-1694	0.9	18
314	Iron Oversupplementation Causes Hippocampal Iron Overloading and Impairs Social Novelty Recognition in Nursing Piglets. *Journal of Nutrition*, **2019**, 149, 398-405	4.1	7
313	Administration of ferrous sulfate drops has significant effects on the gut microbiota of iron-sufficient infants: a randomised controlled study. *Gut*, **2019**, 68, 2095-2097	19.2	25
312	Cloning and characterization of the human lactoferrin receptor gene promoter. *BioMetals*, **2018**, 31, 357-368	3.4	3
311	Effect of bovine milk fat globule membranes as a complementary food on the serum metabolome and immune markers of 6-11-month-old Peruvian infants. *Npj Science of Food*, **2018**, 2, 6	6.3	18
310	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	5.9	59
309	Applications for □actalbumin in human nutrition. *Nutrition Reviews*, **2018**, 76, 444-460	6.4	99
308	Serum, plasma and erythrocyte membrane lipidomes in infants fed formula supplemented with bovine milk fat globule membranes. *Pediatric Research*, **2018**, 84, 726-732	3.2	25
307	Obesogenic diets alter metabolism in mice. *PLoS ONE*, **2018**, 13, e0190632	3.7	38
306	Compositional Dynamics of the Milk Fat Globule and Its Role in Infant Development. *Frontiers in Pediatrics*, **2018**, 6, 313	3.4	89
305	Concentration of Lactoferrin in Human Milk and Its Variation during Lactation in Different Chinese Populations. *Nutrients*, **2018**, 10,	6.7	39
304	The role of milk fat globule membranes in behavior and cognitive function using a suckling rat pup supplementation model. *Journal of Nutritional Biochemistry*, **2018**, 58, 131-137	6.3	19
303	Effects of osteopontin-enriched formula on lymphocyte subsets in the first 6 months of life: a randomized controlled trial. *Pediatric Research*, **2017**, 82, 63-71	3.2	25
302	Plasma Ferritin and Hepcidin Are Lower at 4 Months Postpartum among Women with Elevated C-Reactive Protein or □-Acid Glycoprotein. *Journal of Nutrition*, **2017**, 147, 1194-1199	4.1	2
301	Effect of iron supplementation during lactation on maternal iron status and oxidative stress: A randomized controlled trial. *Maternal and Child Nutrition*, **2017**, 13,	3.4	6
300	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	4.9	29
299	Supplementation of Infant Formula with Bovine Milk Fat Globule Membranes. *Advances in Nutrition*, **2017**, 8, 351-355	10	48
298	Lactoferrin and the lactoferrin-sophorolipids-assembly can be internalized by dermal fibroblasts and regulate gene expression. *Biochemistry and Cell Biology*, **2017**, 95, 110-118	3.6	8

297	Bioactive Proteins in Human Milk-Potential Benefits for Preterm Infants. *Clinics in Perinatology*, **2017**, 44, 179-191	2.8	40
296	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	3.6	46
295	In vivo digestomics of milk proteins in human milk and infant formula using a suckling rat pup model. *Peptides*, **2017**, 88, 18-31	3.8	18
294	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	7	67
293	Development of iron homeostasis in infants and young children. *American Journal of Clinical Nutrition*, **2017**, 106, 1575S-1580S	7	38
292	Selenium fortification of infant formulas: does selenium form matter?. *Food and Function*, **2017**, 8, 3856-3868	3.2	13
291	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	5.6	38
290	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	5.9	143
289	Longitudinal evolution of true protein, amino acids and bioactive proteins in breast milk: a developmental perspective. *Journal of Nutritional Biochemistry*, **2017**, 41, 1-11	6.3	96
288	Benefits of Lactoferrin, Osteopontin and Milk Fat Globule Membranes for Infants. *Nutrients*, **2017**, 9,	6.7	76
287	Oral Microbiota in Infants Fed a Formula Supplemented with Bovine Milk Fat Globule Membranes - A Randomized Controlled Trial. *PLoS ONE*, **2017**, 12, e0169831	3.7	36
286	Effects of iron supplementation on growth, gut microbiota, metabolomics and cognitive development of rat pups. *PLoS ONE*, **2017**, 12, e0179713	3.7	16
285	Clinical Benefits of Milk Fat Globule Membranes for Infants and Children. *Journal of Pediatrics*, **2016** , 173 Suppl, S60-5	3.6	106
284	Human Milk: Bioactive Proteins/Peptides and Functional Properties. *Nestle Nutrition Institute Workshop Series*, **2016**, 86, 97-107	1.9	26
283	Biological roles of milk osteopontin. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2016**, 1	3.8	8
282	Growth, Nutrition, and Cytokine Response of Breast-fed Infants and Infants Fed Formula With Added Bovine Osteopontin. *Journal of Pediatric Gastroenterology and Nutrition*, **2016**, 62, 650-7	2.8	55
281	An Opinion on "Staging" of Infant Formula: A Developmental Perspective on Infant Feeding. *Journal of Pediatric Gastroenterology and Nutrition*, **2016**, 62, 9-21	2.8	24
280	Integrated Role of subsp. Supplementation in Gut Microbiota, Immunity, and Metabolism of Infant Rhesus Monkeys. *MSystems*, **2016**, 1,	7.6	14

279	A Prenatal Multiple Micronutrient Supplement Produces Higher Maternal Vitamin B-12 Concentrations and Similar Folate, Ferritin, and Zinc Concentrations as the Standard 60-mg Iron Plus 400-? Folic Acid Supplement in Rural Bangladeshi Women. *Journal of Nutrition*, **2016**, 146, 2520-2529	4.1	8
278	Mode of oral iron administration and the amount of iron habitually consumed do not affect iron absorption, systemic iron utilisation or zinc absorption in iron-sufficient infants: a randomised trial. *British Journal of Nutrition*, **2016**, 116, 1046-60	3.6	10
277	Introduction: Emerging Roles of Bioactive Components in Pediatric Nutrition. *Journal of Pediatrics*, **2016**, 173 Suppl, S1-3	3.6	1
276	Bioactive Proteins in Human Milk: Health, Nutrition, and Implications for?Infant Formulas. *Journal of Pediatrics*, **2016**, 173 Suppl, S4-9	3.6	96
275	Milk growth factors and expression of small intestinal growth factor receptors during the perinatal period in mice. *Pediatric Research*, **2016**, 80, 759-765	3.2	4
274	EGR-1 is an active transcription factor in TGF-?-mediated small intestinal cell differentiation. *Journal of Nutritional Biochemistry*, **2016**, 37, 101-108	6.3	6
273	Biological roles of milk osteopontin. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2016**, 19, 214-9	3.8	17
272	Comparative Proteomics of Human and Macaque Milk Reveals Species-Specific Nutrition during Postnatal Development. *Journal of Proteome Research*, **2015**, 14, 2143-57	5.6	45
271	Bioavailability of iron from plant and animal ferritins. *Journal of Nutritional Biochemistry*, **2015**, 26, 532-40	6.3	20
270	Developmental Physiology of Iron Absorption, Homeostasis, and Metabolism in the Healthy Term Infant. *Journal of Pediatrics*, **2015**, 167, S8-14	3.6	42
269	Summary of Current Recommendations on Iron Provision and Monitoring of Iron Status for Breastfed and Formula-Fed Infants in Resource-Rich and Resource-Constrained Countries. *Journal of Pediatrics*, **2015**, 167, S40-7	3.6	22
268	Effects of Industrial Heating Processes of Milk-Based Enteral Formulas on Site-Specific Protein Modifications and Their Relationship to in Vitro and in Vivo Protein Digestibility. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 6787-98	5.7	23
267	Effects of postnatal growth restriction and subsequent catch-up growth on neurodevelopment and glucose homeostasis in rats. *BMC Physiology*, **2015**, 15, 3	0	12
266	Bioactive peptides released by in vitro digestion of standard and hydrolyzed infant formulas. *Peptides*, **2015**, 73, 101-5	3.8	20
265	Infections in infants fed formula supplemented with bovine milk fat globule membranes. *Journal of Pediatric Gastroenterology and Nutrition*, **2015**, 60, 384-9	2.8	112
264	Comment on "Safety and Tolerance Evaluation of Milk Fat Globule Membrane-Enriched Infant Formulas: A Randomized Controlled Multicenter Non-Inferiority Trial in Healthy Term Infants". *Clinical Medicine Insights Pediatrics*, **2015**, 9, 63-4	1.8	8
263	Bioactive peptides released from in vitro digestion of human milk with or without pasteurization. *Pediatric Research*, **2015**, 77, 546-53	3.2	54
262	Human milk exosomes resist digestion in vitro and are internalized by human intestinal cells. *FASEB Journal*, **2015**, 29, 121.3	0.9	7

261	Bioavailability of iron from plant and animal ferritins. *FASEB Journal*, **2015**, 29, 249.7	0.9	
260	Bioactive peptides derived from human milk proteins--mechanisms of action. *Journal of Nutritional Biochemistry*, **2014**, 25, 503-14	6.3	122
259	The lactoferrin receptor may mediate the reduction of eosinophils in the duodenum of pigs consuming milk containing recombinant human lactoferrin. *BioMetals*, **2014**, 27, 1031-8	3.4	13
258	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, 4175-85	5.7	97
257	Transcriptomic profiling of intestinal epithelial cells in response to human, bovine and commercial bovine lactoferrins. *BioMetals*, **2014**, 27, 831-41	3.4	16
256	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, 860-8	7	212
255	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-7S	7	162
254	Longitudinal changes in lactoferrin concentrations in human milk: a global systematic review. *Critical Reviews in Food Science and Nutrition*, **2014**, 54, 1539-47	11.5	68
253	Comparison of bioactivities of talactoferrin and lactoferrins from human and bovine milk. *Journal of Pediatric Gastroenterology and Nutrition*, **2014**, 59, 642-52	2.8	23
252	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	3.2	49
251	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, 1910-9	4.1	33
250	Nutritional adequacy of goat milk infant formulas for term infants: a double-blind randomised controlled trial. *British Journal of Nutrition*, **2014**, 111, 1641-51	3.6	45
249	Osteopontin supplementation of formula shifts the peripheral blood mononuclear cell transcriptome to be more similar to breastfed infants (38.3). *FASEB Journal*, **2014**, 28, 38.3	0.9	1
248	Growth, nutrition and immune function of breast-fed infants and infants fed formula with added osteopontin (623.14). *FASEB Journal*, **2014**, 28, 623.14	0.9	
247	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, 1019-25	8.5	47
246	The human milk metabolome reveals diverse oligosaccharide profiles. *Journal of Nutrition*, **2013**, 143, 1709-18	4.1	162
245	Growth factor TGF- induces intestinal epithelial cell (IEC-6) differentiation: miR-146b as a regulatory component in the negative feedback loop. *Genes and Nutrition*, **2013**, 8, 69-78	4.3	31
244	Bioactive proteins in breast milk. *Journal of Paediatrics and Child Health*, **2013**, 49 Suppl 1, 1-7	1.3	126

243	Early diet impacts infant rhesus gut microbiome, immunity, and metabolism. *Journal of Proteome Research*, **2013**, 12, 2833-45	5.6	72
242	Effects of early postnatal growth restriction and subsequent catch-up growth on body composition, insulin sensitivity, and behavior in neonatal rats. *Pediatric Research*, **2013**, 73, 596-601	3.2	15
241	Caco-2 cell acquisition of dietary iron(III) invokes a nanoparticulate endocytic pathway. *PLoS ONE*, **2013**, 8, e81250	3.7	46
240	Metabolomic phenotyping validates the infant rhesus monkey as a model of human infant metabolism. *Journal of Pediatric Gastroenterology and Nutrition*, **2013**, 56, 355-63	2.8	46
239	Amino acid profiles in term and preterm human milk through lactation: a systematic review. *Nutrients*, **2013**, 5, 4800-21	6.7	100
238	Effect of gender on long-term effects of catch-up growth in neonatal rats. *FASEB Journal*, **2013**, 27, 345.1	0.9	
237	Human and bovine osteopontin from milk and recombinant human osteopontin may stimulate intestinal proliferation and immune functions via various mechanisms revealed by microarray analysis. *FASEB Journal*, **2013**, 27, 45.1	0.9	6
236	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	3.2	38
235	Apo- and holo-lactoferrin stimulate proliferation of mouse crypt cells but through different cellular signaling pathways. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 91-100	5.6	32
234	Biofortification of rice with zinc: assessment of the relative bioavailability of zinc in a Caco-2 cell model and suckling rat pups. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 3650-7	5.7	30
233	Biochemical and molecular impacts of lactoferrin on small intestinal growth and development during early life. *Biochemistry and Cell Biology*, **2012**, 90, 476-84	3.6	89
232	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	7.6	113
231	α-Lactalbumin and casein-glycomacropeptide do not affect iron absorption from formula in healthy term infants. *Journal of Nutrition*, **2012**, 142, 1226-31	4.1	14
230	Preclinical assessment of infant formula. *Annals of Nutrition and Metabolism*, **2012**, 60, 196-9	4.5	23
229	Effect of phytate reduction of sorghum on zinc availability as assessed by in vitro dialysability, Caco-2 cell uptake, and suckling rat pups. *FASEB Journal*, **2012**, 26, 646.11	0.9	
228	Increased BMI is associated with lower iron status and increased inflammation and oxidative stress in postpartum women. *FASEB Journal*, **2012**, 26, 813.2	0.9	
227	Effects of early growth restriction on development and insulin sensitivity in rats. *FASEB Journal*, **2012**, 26, 651.2	0.9	
226	Inflammation in postpartum women is inversely related to transferrin saturation, but is not correlated with ferritin or hepcidin. *FASEB Journal*, **2012**, 26, 118.7	0.9	

225	Iron supplementation during lactation increases hemoglobin without an increase in iron status or oxidative stress. *FASEB Journal*, **2012**, 26, 114.8	0.9	
224	Gender and age differences in mixed metal exposure and urinary excretion. *Environmental Research* , **2011**, 111, 1271-9	7.9	71
223	Proteomic characterization of specific minor proteins in the human milk casein fraction. *Journal of Proteome Research*, **2011**, 10, 5409-15	5.6	19
222	Proteomic characterization of human milk whey proteins during a twelve-month lactation period. *Journal of Proteome Research*, **2011**, 10, 1746-54	5.6	111
221	Proteomic characterization of human milk fat globule membrane proteins during a 12 month lactation period. *Journal of Proteome Research*, **2011**, 10, 3530-41	5.6	103
220	Bovine lactoferrin can be taken up by the human intestinal lactoferrin receptor and exert bioactivities. *Journal of Pediatric Gastroenterology and Nutrition*, **2011**, 53, 606-14	2.8	83
219	Efficacy of an MFGM-enriched complementary food in diarrhea, anemia, and micronutrient status in infants. *Journal of Pediatric Gastroenterology and Nutrition*, **2011**, 53, 561-8	2.8	77
218	Arsenic methylation efficiency increases during the first trimester of pregnancy independent of folate status. *Reproductive Toxicology*, **2011**, 31, 210-8	3.4	85
217	Apo- and holo-lactoferrin are both internalized by lactoferrin receptor via clathrin-mediated endocytosis but differentially affect ERK-signaling and cell proliferation in Caco-2 cells. *Journal of Cellular Physiology*, **2011**, 226, 3022-31	7	108
216	Zinc absorption from low phytic acid genotypes of maize (Zea mays L.), Barley (Hordeum vulgare L.), and Rice (Oryza sativa L.) assessed in a suckling rat pup model. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 4755-62	5.7	30
215	Biological effects of novel bovine milk fractions. *Nestle Nutrition Workshop Series Paediatric Programme*, **2011**, 67, 41-54		35
214	Effect of flash-heat treatment on antimicrobial activity of breastmilk. *Breastfeeding Medicine*, **2011**, 6, 111-6	2.1	31
213	Effects of recombinant human prolactin on breast milk composition. *Pediatrics*, **2011**, 127, e359-66	7.4	23
212	Effects of iron supplementation on serum hepcidin and serum erythropoietin in low-birth-weight infants. *American Journal of Clinical Nutrition*, **2011**, 94, 1553-61	7	28
211	Global microRNA characterization reveals that miR-103 is involved in IGF-1 stimulated mouse intestinal cell proliferation. *PLoS ONE*, **2010**, 5, e12976	3.7	34
210	Calcium and iron absorption--mechanisms and public health relevance. *International Journal for Vitamin and Nutrition Research*, **2010**, 80, 293-9	1.7	79
209	Maternal zinc deficiency in rats affects growth and glucose metabolism in the offspring by inducing insulin resistance postnatally. *Journal of Nutrition*, **2010**, 140, 1621-7	4.1	43
208	miR-214 regulates lactoferrin expression and pro-apoptotic function in mammary epithelial cells. *Journal of Nutrition*, **2010**, 140, 1552-6	4.1	43

207	Novel insights into human lactation as a driver of infant formula development. *Nestle Nutrition Workshop Series Paediatric Programme*, **2010**, 66, 19-29		3
206	Alternative pathways for absorption of iron from foods. *Pure and Applied Chemistry*, **2010**, 82, 429-436	2.1	6
205	Homeostatic Regulation of Iron and Its Role in Normal and Abnormal Iron Status in Infancy and Childhood. *Annales Nestle*, **2010**, 68, 96-104		2
204	Bioactive proteins in human milk: mechanisms of action. *Journal of Pediatrics*, **2010**, 156, S26-30	3.6	110
203	Bioavailability of Zn from biofortified rice assessed in a Caco? cell model and in suckling rat pups. *FASEB Journal*, **2010**, 24, 718.9	0.9	2
202	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, 1433-40	7	55
201	Soybean ferritin: implications for iron status of vegetarians. *American Journal of Clinical Nutrition*, **2009**, 89, 1680S-1685S	7	81
200	Iron supplementation does not affect copper and zinc absorption in breastfed infants. *American Journal of Clinical Nutrition*, **2009**, 89, 185-90	7	23
199	Cadmium interacts with the transport of essential micronutrients in the mammary gland - a study in rural Bangladeshi women. *Toxicology*, **2009**, 257, 64-9	4.4	60
198	Receptor-mediated uptake of ferritin-bound iron by human intestinal Caco-2 cells. *Journal of Nutritional Biochemistry*, **2009**, 20, 304-11	6.3	82
197	Nutritional roles of lactoferrin. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2009**, 12, 293-7	3.8	115
196	Recent advances in knowledge of zinc nutrition and human health. *Food and Nutrition Bulletin*, **2009** , 30, S5-11	1.8	84
195	TGF? is present in infant formula, resists digestion in vitro and is biologically active. *FASEB Journal* , **2009**, 23, 344.1	0.9	
194	Zip6 (LIV-1) regulates zinc uptake in neuroblastoma cells under resting but not depolarizing conditions. *Brain Research*, **2008**, 1199, 10-9	3.7	23
193	Iron supplementation of iron-replete Indonesian infants is associated with reduced weight-for-age. *Acta Paediatrica, International Journal of Paediatrics*, **2008**, 97, 770-5	3.1	57
192	Effects of mode of oral iron administration on serum ferritin and haemoglobin in infants. *Acta Paediatrica, International Journal of Paediatrics*, **2008**, 97, 1055-60	3.1	19
191	Gender and age differences in the metabolism of inorganic arsenic in a highly exposed population in Bangladesh. *Environmental Research*, **2008**, 106, 110-20	7.9	170
190	The N1 domain of human lactoferrin is required for internalization by caco-2 cells and targeting to the nucleus. *Biochemistry*, **2008**, 47, 10915-20	3.2	51

189	Personalizing nutrient intakes of formula-fed infants: breast milk as a model. *Nestle Nutrition Workshop Series Paediatric Programme*, **2008**, 62, 189-98; discussion 198-203		19
188	Lactoferrin receptor mediates apo- but not holo-lactoferrin internalization via clathrin-mediated endocytosis in trophoblasts. *Biochemical Journal*, **2008**, 411, 271-8	3.8	25
187	Effects of alpha-lactalbumin-enriched formula containing different concentrations of glycomacropeptide on infant nutrition. *American Journal of Clinical Nutrition*, **2008**, 87, 921-8	7	71
186	Intestinal regulation of copper homeostasis: a developmental perspective. *American Journal of Clinical Nutrition*, **2008**, 88, 846S-50S	7	41
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