

# J Bruce German

## List of Publications by Year in Descending Order

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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.

241  
papers

20,568  
citations

82  
h-index

137  
g-index

246  
ext. papers

22,935  
ext. citations

5.8  
avg, IF

6.74  
L-index

#	Paper	IF	Citations
241	Perspective: Milk microRNAs as Important Players in Infant Physiology and Development. <i>Advances in Nutrition</i> , <b>2021</b> , 12, 1625-1635	10	3
240	Bifidobacteria-mediated immune system imprinting early in life. <i>Cell</i> , <b>2021</b> , 184, 3884-3898.e11	56.2	60
239	Helping Mom Help Baby: Nutrition-Based Support for the Mother-Infant Dyad During Lactation. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 54	6.2	7
238	The antimicrobial activity of bovine milk xanthine oxidase. <i>International Dairy Journal</i> , <b>2020</b> , 102, 104581-104588	3.5	5
237	Production of functional mimics of human milk oligosaccharides by enzymatic glycosylation of bovine milk oligosaccharides. <i>International Dairy Journal</i> , <b>2020</b> , 102, 104583-104583	3.5	5
236	A nonenzymatic method for cleaving polysaccharides to yield oligosaccharides for structural analysis. <i>Nature Communications</i> , <b>2020</b> , 11, 3963	17.4	12
235	Distribution of Free and Esterified Oxylipins in Cream, Cell, and Skim Fractions of Human Milk. <i>Lipids</i> , <b>2020</b> , 55, 661-670	1.6	5
234	Goals in Nutrition Science 2020-2025. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 606378	6.2	7
233	Effects of industrial heat treatments on the kinetics of inactivation of antimicrobial bovine milk xanthine oxidase. <i>Npj Science of Food</i> , <b>2019</b> , 3, 13	6.3	9
232	Food-Intake Normalization of Dysregulated Fatty Acids in Women with Anorexia Nervosa. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	2
231	Human Milk Proteins and Their Glycosylation Exhibit Quantitative Dynamic Variations during Lactation. <i>Journal of Nutrition</i> , <b>2019</b> , 149, 1317-1325	4.1	20
230	Molecular annotation of food - towards personalized diet and precision health. <i>Trends in Food Science and Technology</i> , <b>2019</b> , 91, 675-680	15.3	7
229	Selective Proteolysis of Lactalbumin by Endogenous Enzymes of Human Milk at Acidic pH. <i>Molecular Nutrition and Food Research</i> , <b>2019</b> , 63, e1900259	5.9	2
228	Peptidomic profiling of human milk with LC-MS/MS reveals pH-specific proteolysis of milk proteins. <i>Food Chemistry</i> , <b>2019</b> , 274, 766-774	8.5	18
227	Pilot study of probiotic/colostrum supplementation on gut function in children with autism and gastrointestinal symptoms. <i>PLoS ONE</i> , <b>2019</b> , 14, e0210064	3.7	67
226	Effects of triclosan in breast milk on the infant fecal microbiome. <i>Chemosphere</i> , <b>2018</b> , 203, 467-473	8.4	45
225	Extracellular fungal polyol lipids: A new class of potential high value lipids. <i>Biotechnology Advances</i> , <b>2018</b> , 36, 397-414	17.8	24

224	21st century toolkit for optimizing population health through precision nutrition. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2018</b> , 58, 3004-3015	11.5	19
223	Genome-Wide Interactions with Dairy Intake for Body Mass Index in Adults of European Descent. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700347	5.9	5
222	Protein Digestion of Baby Foods: Study Approaches and Implications for Infant Health. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, 1700231	5.9	43
221	Dietary Considerations in Autism Spectrum Disorders: The Potential Role of Protein Digestion and Microbial Putrefaction in the Gut-Brain Axis. <i>Frontiers in Nutrition</i> , <b>2018</b> , 5, 40	6.2	39
220	Effects of Milk Fat Globule Membrane on Lymphocyte Gene Expression and Markers of Metabolism and Inflammation in the Postprandial Period. <i>FASEB Journal</i> , <b>2018</b> , 32, 767.3	0.9	
219	Plasma Lipoprotein Particle Subclasses in Preterm Infants. <i>American Journal of Perinatology</i> , <b>2018</b> , 35, 369-379	3.3	3
218	Use of UV Treated Milk Powder to Increase Vaccine Efficacy in the Elderly. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2254	8.4	1
217	The collaborative effect of scientific meetings: A study of the International Milk Genomics Consortium. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201637	3.7	3
216	Personalizing protein nourishment. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2017</b> , 57, 3313-3331	11.5	42
215	Discovery of synthesis and secretion of polyol esters of fatty acids by four basidiomycetous yeast species in the order Sporidiobolales. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2017</b> , 44, 923-936	4.2	15
214	Tolerability and safety of the intake of bovine milk oligosaccharides extracted from cheese whey in healthy human adults. <i>Journal of Nutritional Science</i> , <b>2017</b> , 6, e6	2.7	14
213	Chemical Characterization of Potentially Prebiotic Oligosaccharides in Brewed Coffee and Spent Coffee Grounds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 2784-2792	5.7	41
212	Enzymes in Human Milk. <i>Nestle Nutrition Institute Workshop Series</i> , <b>2017</b> , 88, 129-136	1.9	15
211	Persistence of Supplemented subsp. EVC001 in Breastfed Infants. <i>MSphere</i> , <b>2017</b> , 2,	5	98
210	Simultaneous production of intracellular triacylglycerols and extracellular polyol esters of fatty acids by <i>Rhodotorula babjevae</i> and <i>Rhodotorula</i> aff. <i>paludigena</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2017</b> , 44, 1397-1413	4.2	11
209	Quantitation of human milk proteins and their glycoforms using multiple reaction monitoring (MRM). <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 589-606	4.4	33
208	Absolute Quantitation of Human Milk Oligosaccharides Reveals Phenotypic Variations during Lactation. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 117-124	4.1	95
207	Studying Lactoferrin N-Glycosylation. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	57

206	Identification of Oligosaccharides in Feces of Breast-fed Infants and Their Correlation with the Gut Microbial Community. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 2987-3002	7.6	55
205	A novel gene cluster allows preferential utilization of fucosylated milk oligosaccharides in <i>Bifidobacterium longum</i> subsp. <i>longum</i> SC596. <i>Scientific Reports</i> , <b>2016</b> , 6, 35045	4.9	93
204	The impact of freeze-drying infant fecal samples on measures of their bacterial community profiles and milk-derived oligosaccharide content. <i>PeerJ</i> , <b>2016</b> , 4, e1612	3.1	12
203	Insights into Soluble Toll-Like Receptor 2 as a Downregulator of Virally Induced Inflammation. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 291	8.4	25
202	Using a lipidomics approach for nutritional phenotyping in response to a test meal containing gamma-linolenic acid. <i>Metabolomics</i> , <b>2016</b> , 12, 1	4.7	14
201	Consumption of a high-fat meal containing cheese compared with a vegan alternative lowers postprandial C-reactive protein in overweight and obese individuals with metabolic abnormalities: a randomised controlled cross-over study. <i>Journal of Nutritional Science</i> , <b>2016</b> , 5, e9	2.7	13
200	Addition of a dairy fraction rich in milk fat globule membrane to a high-saturated fat meal reduces the postprandial insulinaemic and inflammatory response in overweight and obese adults. <i>Journal of Nutritional Science</i> , <b>2016</b> , 5, e14	2.7	33
199	Eighteen new oleaginous yeast species. <i>Journal of Industrial Microbiology and Biotechnology</i> , <b>2016</b> , 43, 887-900	4.2	36
198	Dietary supplementation with <i>Bifidobacterium longum</i> subsp. <i>infantis</i> (B. <i>infantis</i> ) in healthy breastfed infants: study protocol for a randomised controlled trial. <i>Trials</i> , <b>2016</b> , 17, 340	2.8	7
197	Peptidomic analysis of healthy and subclinically mastitic bovine milk. <i>International Dairy Journal</i> , <b>2015</b> , 46, 46-52	3.5	27
196	Endogenous human milk peptide release is greater after preterm birth than term birth. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 425-33	4.1	48
195	Human milk oligosaccharides in premature infants: absorption, excretion, and influence on the intestinal microbiota. <i>Pediatric Research</i> , <b>2015</b> , 78, 670-7	3.2	115
194	Symbiotic Human Gut Bacteria with Variable Metabolic Priorities for Host Mucosal Glycans. <i>MBio</i> , <b>2015</b> , 6, e01282-15	7.8	103
193	Current peptidomics: applications, purification, identification, quantification, and functional analysis. <i>Proteomics</i> , <b>2015</b> , 15, 1026-38	4.8	142
192	<i>Bifidobacterium longum</i> subspecies <i>infantis</i> : champion colonizer of the infant gut. <i>Pediatric Research</i> , <b>2015</b> , 77, 229-35	3.2	230
191	Antioxidant and antimicrobial carboxymethyl cellulose films containing <i>Zataria multiflora</i> essential oil. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 72, 606-13	7.9	167
190	Human milk glycomics and gut microbial genomics in infant feces show a correlation between human milk oligosaccharides and gut microbiota: a proof-of-concept study. <i>Journal of Proteome Research</i> , <b>2015</b> , 14, 491-502	5.6	130
189	Comparative transcriptomics reveals key differences in the response to milk oligosaccharides of infant gut-associated bifidobacteria. <i>Scientific Reports</i> , <b>2015</b> , 5, 13517	4.9	99

188	Maternal fucosyltransferase 2 status affects the gut bifidobacterial communities of breastfed infants. <i>Microbiome</i> , <b>2015</b> , 3, 13	16.6	244
187	Changes in PTGS1 and ALOX12 Gene Expression in Peripheral Blood Mononuclear Cells Are Associated with Changes in Arachidonic Acid, Oxylipins, and Oxylipin/Fatty Acid Ratios in Response to Omega-3 Fatty Acid Supplementation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0144996	3.7	12
186	Metabolomics and Milk: The Development of the Microbiota in Breastfed Infants. <i>Molecular and Integrative Toxicology</i> , <b>2015</b> , 147-167	0.5	3
185	Infant Maturity at Birth Reveals Minor Differences in the Maternal Milk Metabolome in the First Month of Lactation. <i>Journal of Nutrition</i> , <b>2015</b> , 145, 1698-708	4.1	68
184	A peptidomic analysis of human milk digestion in the infant stomach reveals protein-specific degradation patterns. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 815-20	4.1	62
183	Preparation and characterization of alginate and alginate-resistant starch microparticles containing nisin. <i>Carbohydrate Polymers</i> , <b>2014</b> , 103, 573-80	10.3	69
182	Breast milk oligosaccharides: structure-function relationships in the neonate. <i>Annual Review of Nutrition</i> , <b>2014</b> , 34, 143-69	9.9	264
181	Mechanistic peptidomics: factors that dictate specificity in the formation of endogenous peptides in human milk. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 3343-51	7.6	53
180	The future of yogurt: scientific and regulatory needs. <i>American Journal of Clinical Nutrition</i> , <b>2014</b> , 99, 1271S-8S	7	10
179	Glycomic analysis of high density lipoprotein shows a highly sialylated particle. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 681-91	5.6	24
178	Oleaginous yeasts for biodiesel: current and future trends in biology and production. <i>Biotechnology Advances</i> , <b>2014</b> , 32, 1336-1360	17.8	294
177	Peptidomic profile of milk of Holstein cows at peak lactation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 58-65	5.7	40
176	Accumulation of high-value lipids in single-cell microorganisms: a mechanistic approach and future perspectives. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 2709-27	5.7	101
175	Maternal high-protein or high-prebiotic-fiber diets affect maternal milk composition and gut microbiota in rat dams and their offspring. <i>Obesity</i> , <b>2014</b> , 22, 2344-51	8	34
174	Predicting the important enzymes in human breast milk digestion. <i>Journal of Agricultural and Food Chemistry</i> , <b>2014</b> , 62, 7225-32	5.7	46
173	Label-free absolute quantitation of oligosaccharides using multiple reaction monitoring. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 2640-7	7.8	68
172	Novel high-molecular weight fucosylated milk oligosaccharides identified in dairy streams. <i>PLoS ONE</i> , <b>2014</b> , 9, e96040	3.7	50
171	Rapid-throughput glycomics applied to human milk oligosaccharide profiling for large human studies. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 7925-35	4.4	41

170	Following the digestion of milk proteins from mother to baby. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 5777-83	5.6	29
169	Prebiotic oligosaccharides in premature infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2014</b> , 58, 352-60	2.8	27
168	Rapid measurement of human milk macronutrients in the neonatal intensive care unit: accuracy and precision of fourier transform mid-infrared spectroscopy. <i>Journal of Human Lactation</i> , <b>2014</b> , 30, 180-9	2.6	37
167	Comprehensive peptidomic and glycomic evaluation reveals that sweet whey permeate from colostrum is a source of milk protein-derived peptides and oligosaccharides. <i>Food Research International</i> , <b>2014</b> , 63, 203-209	7	38
166	Nutritional lipidomics: molecular metabolism, analytics, and diagnostics. <i>Molecular Nutrition and Food Research</i> , <b>2013</b> , 57, 1319-35	5.9	43
165	Manipulation of culture conditions alters lipid content and fatty acid profiles of a wide variety of known and new oleaginous yeast species. <i>Bioresource Technology</i> , <b>2013</b> , 144, 360-9	11	145
164	Variation in consumption of human milk oligosaccharides by infant gut-associated strains of <i>Bifidobacterium breve</i> . <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 6040-9	4.8	161
163	The human milk metabolome reveals diverse oligosaccharide profiles. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 1709-18	4.1	162
162	Automated glycopeptide analysis--review of current state and future directions. <i>Briefings in Bioinformatics</i> , <b>2013</b> , 14, 361-74	13.4	67
161	Human milk secretory immunoglobulin a and lactoferrin N-glycans are altered in women with gestational diabetes mellitus. <i>Journal of Nutrition</i> , <b>2013</b> , 143, 1906-12	4.1	51
160	A quantitative and comprehensive method to analyze human milk oligosaccharide structures in the urine and feces of infants. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 4089-105	4.4	77
159	Extensive in vivo human milk peptidomics reveals specific proteolysis yielding protective antimicrobial peptides. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 2295-304	5.6	104
158	Proteomic analysis of <i>Bifidobacterium longum</i> subsp. <i>infantis</i> reveals the metabolic insight on consumption of prebiotics and host glycans. <i>PLoS ONE</i> , <b>2013</b> , 8, e57535	3.7	60
157	Influence of diet and nutrition <b>2013</b> , 90-105		1
156	Individual variation in lipidomic profiles of healthy subjects in response to omega-3 Fatty acids. <i>PLoS ONE</i> , <b>2013</b> , 8, e76575	3.7	74
155	Naturally Occurring Peptides in Human Milk: Identification and Evidence for Antibacterial Action. <i>FASEB Journal</i> , <b>2013</b> , 27, 629.1	0.9	
154	Lacto-N-tetraose, fucosylation, and secretor status are highly variable in human milk oligosaccharides from women delivering preterm. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 4662-72	5.6	109
153	Comprehensive profiles of human milk oligosaccharides yield highly sensitive and specific markers for determining secretor status in lactating mothers. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 6124-33	5.6	135

152	Natural variability in bovine milk oligosaccharides from Danish Jersey and Holstein-Friesian breeds. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 6188-96	5.7	58
151	Comparison of the human and bovine milk N-glycome via high-performance microfluidic chip liquid chromatography and tandem mass spectrometry. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 2912-24	5.6	135
150	Employment of tandem mass spectrometry for the accurate and specific identification of oligosaccharide structures. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 7456-62	7.8	30
149	Identification and accurate quantitation of biological oligosaccharide mixtures. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 7793-801	7.8	17
148	Digestion of Protein in Premature and Term Infants <b>2012</b> , 2, 112		66
147	Identification and characterization of complex bioactive oligosaccharides in white and red wine by a combination of mass spectrometry and gas chromatography. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 3700-7	5.7	29
146	Food in an evolutionary context: insights from mother's milk. <i>Journal of the Science of Food and Agriculture</i> , <b>2012</b> , 92, 2219-23	4.3	50
145	Endo-N-acetylglucosaminidases from infant gut-associated bifidobacteria release complex N-glycans from human milk glycoproteins. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, 775-85	7.6	101
144	Glycosylation of human milk lactoferrin exhibits dynamic changes during early lactation enhancing its role in pathogenic bacteria-host interactions. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, M111.015248	7.6	113
143	Bifidobacteria isolated from infants and cultured on human milk oligosaccharides affect intestinal epithelial function. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2012</b> , 55, 321-7	2.8	163
142	Protein-Linked Glycan Degradation in Infants Fed Human Milk. <i>Journal of Glycomics &amp; Lipidomics</i> , <b>2012</b> , Suppl 1, 002		10
141	An automated method to quantify milk fat globules and sources of RNA in milk. <i>FASEB Journal</i> , <b>2012</b> , 26, 624.4	0.9	
140	Effects of milk collection and processing methods on origin and integrity of RNA in milk. <i>FASEB Journal</i> , <b>2012</b> , 26, 624.2	0.9	
139	The Effect of Milk Components on the Immune Response to a Pneumonia Vaccine: A Randomized Placebo-controlled Clinical Trial. <i>FASEB Journal</i> , <b>2012</b> , 26, 115.1	0.9	
138	Annotation and structural analysis of sialylated human milk oligosaccharides. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 856-68	5.6	203
137	Evolutionary glycomics: characterization of milk oligosaccharides in primates. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 1548-57	5.6	94
136	N-linked glycan profiling of mature human milk by high-performance microfluidic chip liquid chromatography time-of-flight tandem mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 4255-63	5.7	43
135	Reconstituted lipoprotein: a versatile class of biologically-inspired nanostructures. <i>ACS Nano</i> , <b>2011</b> , 5, 42-57	16.7	83

134	The influence of milk oligosaccharides on microbiota of infants: opportunities for formulas. <i>Annual Review of Food Science and Technology</i> , <b>2011</b> , 2, 331-51	14.7	126
133	Bacteroides in the infant gut consume milk oligosaccharides via mucus-utilization pathways. <i>Cell Host and Microbe</i> , <b>2011</b> , 10, 507-14	23.4	337
132	Dietary omega-3 fatty acids aid in the modulation of inflammation and metabolic health. <i>California Agriculture</i> , <b>2011</b> , 65, 106-111	1.1	44
131	Transcriptome profiling of bovine milk oligosaccharide metabolism genes using RNA-sequencing. <i>PLoS ONE</i> , <b>2011</b> , 6, e18895	3.7	60
130	Oligosaccharide binding proteins from <i>Bifidobacterium longum</i> subsp. <i>infantis</i> reveal a preference for host glycans. <i>PLoS ONE</i> , <b>2011</b> , 6, e17315	3.7	148
129	Dietary lipids from an evolutionary perspective: sources, structures and functions. <i>Maternal and Child Nutrition</i> , <b>2011</b> , 7 Suppl 2, 2-16	3.4	42
128	Analytical metabolomics: nutritional opportunities for personalized health. <i>Journal of Nutritional Biochemistry</i> , <b>2011</b> , 22, 995-1002	6.3	51
127	Rapid Profiling of Bovine and Human Milk Gangliosides by Matrix-Assisted Laser Desorption/Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>International Journal of Mass Spectrometry</i> , <b>2011</b> , 305, 138-150	1.9	41
126	Nutrigenomics and personalized diets: What will they mean for food?. <i>Annual Review of Food Science and Technology</i> , <b>2011</b> , 2, 97-123	14.7	54
125	Dietary fat and not calcium supplementation or dairy product consumption is associated with changes in anthropometrics during a randomized, placebo-controlled energy-restriction trial. <i>Nutrition and Metabolism</i> , <b>2011</b> , 8, 67	4.6	17
124	Intakes and breast-milk concentrations of essential fatty acids are low among Bangladeshi women with 24-48-month-old children. <i>British Journal of Nutrition</i> , <b>2011</b> , 105, 1660-70	3.6	24
123	Dietary intake of polyunsaturated fatty acids among breast-feeding and non-breast-feeding 24- to 48-month-old children in Bangladesh. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2011</b> , 52, 351-9 <sup>2.8</sup>	3.8	8
122	An infant-associated bacterial commensal utilizes breast milk sialyloligosaccharides. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 11909-18	5.4	140
121	Human milk glycomiome and its impact on the infant gastrointestinal microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108 Suppl 1, 4653-8	11.5	466
120	Structural determination and daily variations of porcine milk oligosaccharides. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 4653-9	5.7	82
119	Consumption of human milk oligosaccharides by gut-related microbes. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 5334-40	5.7	348
118	Development of an annotated library of neutral human milk oligosaccharides. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 4138-51	5.6	234
117	Glycoprotein expression in human milk during lactation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 6440-8	5.7	73



116	Saturated fats: a perspective from lactation and milk composition. <i>Lipids</i> , <b>2010</b> , 45, 915-23	1.6	33
115	Feeding the World Today and Tomorrow: The Importance of Food Science and Technology: An IFT Scientific Review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2010</b> , 9, 572-599	16.4	179
114	Oligosaccharide Diversity: Bovine Glycans through Lactation. <i>FASEB Journal</i> , <b>2010</b> , 24, 556.19	0.9	
113	Glycoprofiling bifidobacterial consumption of galacto-oligosaccharides by mass spectrometry reveals strain-specific, preferential consumption of glycans. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 7319-25	4.8	68
112	Lessons from the bovine genome: implications for human nutrition and research. <i>Journal of Nutrition</i> , <b>2009</b> , 139, 1271-2	4.1	2
111	Alteration in plasma testosterone levels in male mice lacking soluble epoxide hydrolase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E375-83	6	40
110	A versatile and scalable strategy for glycoprofiling bifidobacterial consumption of human milk oligosaccharides. <i>Microbial Biotechnology</i> , <b>2009</b> , 2, 333-42	6.3	98
109	A reappraisal of the impact of dairy foods and milk fat on cardiovascular disease risk. <i>European Journal of Nutrition</i> , <b>2009</b> , 48, 191-203	5.2	185
108	Assessing individual metabolic responsiveness to a lipid challenge using a targeted metabolomic approach. <i>Metabolomics</i> , <b>2009</b> , 5, 209-218	4.7	50
107	Effects of sample handling and storage on quantitative lipid analysis in human serum. <i>Metabolomics</i> , <b>2009</b> , 5, 507-516	4.7	103
106	Quantitative lipid metabolomic changes in alcoholic micropigs with fatty liver disease. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2009</b> , 33, 751-8	3.7	27
105	The genome sequence of taurine cattle: a window to ruminant biology and evolution. <i>Science</i> , <b>2009</b> , 324, 522-8	33.3	863
104	Permeate from cheese whey ultrafiltration is a source of milk oligosaccharides. <i>International Dairy Journal</i> , <b>2009</b> , 19, 524-530	3.5	107
103	Analytical performance of immobilized pronase for glycopeptide footprinting and implications for surpassing reductionist glycoproteomics. <i>Journal of Proteome Research</i> , <b>2009</b> , 8, 502-12	5.6	63
102	The bovine lactation genome: insights into the evolution of mammalian milk. <i>Genome Biology</i> , <b>2009</b> , 10, R43	18.3	143
101	Metabolomics for assessment of nutritional status. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2009</b> , 12, 501-7	3.8	48
100	Analysis and quantitation of fructooligosaccharides using matrix-assisted laser desorption/ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 159-65	7.8	18
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