

J Bruce German

List of Publications by Citations

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

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	The genome sequence of taurine cattle: a window to ruminant biology and evolution. <i>Science</i> , 2009 , 324, 522-8	33.3	863
240	Phytochemicals: nutraceuticals and human health. <i>Journal of the Science of Food and Agriculture</i> , 2000 , 80, 1744-1756	4.3	637
239	Interfacial Phenomena in the Evaluation of Antioxidants: Bulk Oils vs Emulsions. <i>Journal of Agricultural and Food Chemistry</i> , 1994 , 42, 1054-1059	5.7	577
238	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> , 2011 , 108 Suppl 1, 4653-8	11.5	466
237	Inhibition of In Vitro Human LDL Oxidation by Phenolic Antioxidants from Grapes and Wines. <i>Journal of the Science of Food and Agriculture</i> , 1996 , 70, 55-61	4.3	408
236	A strategy for annotating the human milk glycome. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 7471-80	5.7	376
235	Consumption of human milk oligosaccharides by gut-related microbes. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 5334-40	5.7	348
234	Bacteroides in the infant gut consume milk oligosaccharides via mucus-utilization pathways. <i>Cell Host and Microbe</i> , 2011 , 10, 507-14	23.4	337
233	The health benefits of wine. <i>Annual Review of Nutrition</i> , 2000 , 20, 561-93	9.9	326
232	Oleaginous yeasts for biodiesel: current and future trends in biology and production. <i>Biotechnology Advances</i> , 2014 , 32, 1336-1360	17.8	294
231	Comparative review of diets for the metabolic syndrome: implications for nonalcoholic fatty liver disease. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 285-300	7	292
230	Effect of pH and temperature on protein unfolding and thiol/disulfide interchange reactions during heat-induced gelation of whey proteins. <i>Journal of Agricultural and Food Chemistry</i> , 1995 , 43, 46-52	5.7	283
229	Initiation of lipid peroxidation in biological systems. <i>Critical Reviews in Food Science and Nutrition</i> , 1987 , 25, 317-64		271
228	Glycoprofiling of bifidobacterial consumption of human milk oligosaccharides demonstrates strain specific, preferential consumption of small chain glycans secreted in early human lactation. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 8914-9	5.7	269
227	Breast milk oligosaccharides: structure-function relationships in the neonate. <i>Annual Review of Nutrition</i> , 2014 , 34, 143-69	9.9	264
226	Maternal fucosyltransferase 2 status affects the gut bifidobacterial communities of breastfed infants. <i>Microbiome</i> , 2015 , 3, 13	16.6	244
225	Development of an annotated library of neutral human milk oligosaccharides. <i>Journal of Proteome Research</i> , 2010 , 9, 4138-51	5.6	234

224	Metabolomics: building on a century of biochemistry to guide human health. <i>Metabolomics</i> , 2005 , 1, 3-9	4.7	232
223	<i>Bifidobacterium longum</i> subspecies <i>infantis</i> : champion colonizer of the infant gut. <i>Pediatric Research</i> , 2015 , 77, 229-35	3.2	230
222	Lipid metabolome-wide effects of the PPARgamma agonist rosiglitazone. <i>Journal of Lipid Research</i> , 2002 , 43, 1809-17	6.3	227
221	Antioxidant activity of .alpha.- and .gamma.-tocopherols in bulk oils and in oil-in-water emulsions. <i>Journal of Agricultural and Food Chemistry</i> , 1994 , 42, 2108-2114	5.7	223
220	In vitro fermentation of breast milk oligosaccharides by <i>Bifidobacterium infantis</i> and <i>Lactobacillus gasserii</i> . <i>Applied and Environmental Microbiology</i> , 2006 , 72, 4497-9	4.8	222
219	Urinary excretion of catechin metabolites by human subjects after red wine consumption. <i>British Journal of Nutrition</i> , 2002 , 87, 31-7	3.6	219
218	(+)-Catechin in human plasma after ingestion of a single serving of reconstituted red wine. <i>American Journal of Clinical Nutrition</i> , 2000 , 71, 103-8	7	215
217	Catechin is present as metabolites in human plasma after consumption of red wine. <i>Journal of Nutrition</i> , 1999 , 129, 1662-8	4.1	210
216	Annotation and structural analysis of sialylated human milk oligosaccharides. <i>Journal of Proteome Research</i> , 2011 , 10, 856-68	5.6	203
215	Antioxidant Activity of α -Tocopherol and Trolox in Different Lipid Substrates: Bulk Oils vs Oil-in-Water Emulsions. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 444-452	5.7	194
214	Composition, structure and absorption of milk lipids: a source of energy, fat-soluble nutrients and bioactive molecules. <i>Critical Reviews in Food Science and Nutrition</i> , 2006 , 46, 57-92	11.5	191
213	Do trans fatty acids from industrially produced sources and from natural sources have the same effect on cardiovascular disease risk factors in healthy subjects? Results of the trans Fatty Acids Collaboration (TRANSFACT) study. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 558-66	7	187
212	A reappraisal of the impact of dairy foods and milk fat on cardiovascular disease risk. <i>European Journal of Nutrition</i> , 2009 , 48, 191-203	5.2	185
211	Saturated fats: what dietary intake?. <i>American Journal of Clinical Nutrition</i> , 2004 , 80, 550-9	7	184
210	Chocolate procyanidins decrease the leukotriene-prostacyclin ratio in humans and human aortic endothelial cells. <i>American Journal of Clinical Nutrition</i> , 2001 , 73, 36-40	7	184
209	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> , 2010 , 9, 572-599	16.4	179
208	In vitro fermentability of human milk oligosaccharides by several strains of bifidobacteria. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 1398-405	5.9	178
207	Oxidative stability of fish and algae oils containing long-chain polyunsaturated fatty acids in bulk and in oil-in-water emulsions. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2094-9	5.7	174

206	Antioxidant and antimicrobial carboxymethyl cellulose films containing Zataria multiflora essential oil. <i>International Journal of Biological Macromolecules</i> , 2015 , 72, 606-13	7.9	167
205	Bifidobacteria isolated from infants and cultured on human milk oligosaccharides affect intestinal epithelial function. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012 , 55, 321-7	2.8	163
204	The human milk metabolome reveals diverse oligosaccharide profiles. <i>Journal of Nutrition</i> , 2013 , 143, 1709-18	4.1	162
203	Variation in consumption of human milk oligosaccharides by infant gut-associated strains of Bifidobacterium breve. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 6040-9	4.8	161
202	Human milk oligosaccharides: evolution, structures and bioselectivity as substrates for intestinal bacteria. <i>Nestle Nutrition Workshop Series Paediatric Programme</i> , 2008 , 62, 205-18; discussion 218-22		154
201	Oligosaccharide binding proteins from Bifidobacterium longum subsp. infantis reveal a preference for host glycans. <i>PLoS ONE</i> , 2011 , 6, e17315	3.7	148
200	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> , 2013 , 144, 360-9	11	145
199	The bovine lactation genome: insights into the evolution of mammalian milk. <i>Genome Biology</i> , 2009 , 10, R43	18.3	143
198	Current peptidomics: applications, purification, identification, quantification, and functional analysis. <i>Proteomics</i> , 2015 , 15, 1026-38	4.8	142
197	An infant-associated bacterial commensal utilizes breast milk sialyloligosaccharides. <i>Journal of Biological Chemistry</i> , 2011 , 286, 11909-18	5.4	140
196	Direct characterization of protein adducts of the lipid peroxidation product 4-hydroxy-2-nonenal using electrospray mass spectrometry. <i>Chemical Research in Toxicology</i> , 1995 , 8, 552-9	4	136
195	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> , 2012 , 11, 6124-33	5.6	135
194	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> , 2012 , 11, 2912-24	5.6	135
193	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> , 2015 , 14, 491-502	5.6	130
192	Effect of Different Lipid Systems on Antioxidant Activity of Rosemary Constituents Carnosol and Carnosic Acid with and without α -Tocopherol. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 2030-2036	5.7	128
191	The influence of milk oligosaccharides on microbiota of infants: opportunities for formulas. <i>Annual Review of Food Science and Technology</i> , 2011 , 2, 331-51	14.7	126
190	Activities of antioxidants are affected by colloidal properties of oil-in-water and water-in-oil emulsions and bulk oils. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 4874-82	5.7	123
189	Butyric acid from the diet: actions at the level of gene expression. <i>Critical Reviews in Food Science and Nutrition</i> , 1998 , 38, 259-97	11.5	121

188	Chronic marginal iron intakes during early development in mice result in persistent changes in dopamine metabolism and myelin composition. <i>Journal of Nutrition</i> , 2000 , 130, 2821-30	4.1	116
187	Human milk oligosaccharides in premature infants: absorption, excretion, and influence on the intestinal microbiota. <i>Pediatric Research</i> , 2015 , 78, 670-7	3.2	115
186	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> , 2012 , 11, M111.015248	7.6	113
185	Effect of Protein on the Antioxidant Activity of Phenolic Compounds in a Lecithin Liposome Oxidation System. <i>Journal of Agricultural and Food Chemistry</i> , 1998 , 46, 917-922	5.7	112
184	Lacto-N-tetraose, fucosylation, and secretor status are highly variable in human milk oligosaccharides from women delivering preterm. <i>Journal of Proteome Research</i> , 2012 , 11, 4662-72	5.6	109
183	Lipid oxidation in fish tissue. Enzymic initiation via lipoxygenase. <i>Journal of Agricultural and Food Chemistry</i> , 1985 , 33, 680-683	5.7	109
182	Permeate from cheese whey ultrafiltration is a source of milk oligosaccharides. <i>International Dairy Journal</i> , 2009 , 19, 524-530	3.5	107
181	Extensive in vivo human milk peptidomics reveals specific proteolysis yielding protective antimicrobial peptides. <i>Journal of Proteome Research</i> , 2013 , 12, 2295-304	5.6	104
180	Symbiotic Human Gut Bacteria with Variable Metabolic Priorities for Host Mucosal Glycans. <i>MBio</i> , 2015 , 6, e01282-15	7.8	103
179	Effects of sample handling and storage on quantitative lipid analysis in human serum. <i>Metabolomics</i> , 2009 , 5, 507-516	4.7	103
178	Accumulation of high-value lipids in single-cell microorganisms: a mechanistic approach and future perspectives. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 2709-27	5.7	101
177	Endo-N-acetylglucosaminidases from infant gut-associated bifidobacteria release complex N-glycans from human milk glycoproteins. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 775-85	7.6	101
176	Comparative transcriptomics reveals key differences in the response to milk oligosaccharides of infant gut-associated bifidobacteria. <i>Scientific Reports</i> , 2015 , 5, 13517	4.9	99
175	Antioxidant Activity of Carnosic Acid and Methyl Carnosate in Bulk Oils and Oil-in-Water Emulsions. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 2951-2956	5.7	99
174	Persistence of Supplemented subsp. EVC001 in Breastfed Infants. <i>MSphere</i> , 2017 , 2,	5	98
173	A versatile and scalable strategy for glycoprofiling bifidobacterial consumption of human milk oligosaccharides. <i>Microbial Biotechnology</i> , 2009 , 2, 333-42	6.3	98
172	Absolute Quantitation of Human Milk Oligosaccharides Reveals Phenotypic Variations during Lactation. <i>Journal of Nutrition</i> , 2017 , 147, 117-124	4.1	95
171	Evolutionary glycomics: characterization of milk oligosaccharides in primates. <i>Journal of Proteome Research</i> , 2011 , 10, 1548-57	5.6	94

170	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> , 2016 , 6, 35045	4.9	93
169	Partition of Selected Antioxidants in Corn Oil/Water Model Systems. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 1991-1994	5.7	89
168	Daily variations in oligosaccharides of human milk determined by microfluidic chips and mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 618-26	5.7	88
167	Effects of Individual Tocopherols and Tocopherol Mixtures on the Oxidative Stability of Corn Oil Triglycerides. <i>Journal of Agricultural and Food Chemistry</i> , 1995 , 43, 2345-2350	5.7	86
166	Toward the implementation of metabolomic assessments of human health and nutrition. <i>Current Opinion in Biotechnology</i> , 2002 , 13, 512-6	11.4	85
165	Lactoferrin in infant formulas: effect on oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 2000 , 48, 4984-90	5.7	84
164	Reconstituted lipoprotein: a versatile class of biologically-inspired nanostructures. <i>ACS Nano</i> , 2011 , 5, 42-57	16.7	83
163	Effect of pH on Antioxidant Activity of α -Tocopherol and Trolox in Oil-in-Water Emulsions. <i>Journal of Agricultural and Food Chemistry</i> , 1996 , 44, 2496-2502	5.7	83
162	Structural determination and daily variations of porcine milk oligosaccharides. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 4653-9	5.7	82
161	Bioactive components in milk. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2002 , 5, 653-8	3.8	82
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> , 2013 , 405, 4089-105	4.4	77
159	Effect of red wine on endothelium-dependent relaxation in rabbits. <i>Clinical Science</i> , 1997 , 93, 507-11	6.5	75
158	Individual variation in lipidomic profiles of healthy subjects in response to omega-3 Fatty acids. <i>PLoS ONE</i> , 2013 , 8, e76575	3.7	74
157	Glycoprotein expression in human milk during lactation. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 6440-8	5.7	73
156	Docosahexaenoic acid accumulates in cardiolipin and enhances HT-29 cell oxidant production. <i>Journal of Lipid Research</i> , 1998 , 39, 1583-1588	6.3	73
155	Genomics and metabolomics as markers for the interaction of diet and health: lessons from lipids. <i>Journal of Nutrition</i> , 2003 , 133, 2078S-2083S	4.1	72
154	Personal metabolomics as a next generation nutritional assessment. <i>Journal of Nutrition</i> , 2003 , 133, 4260-6	4.6	71
153	Factors that influence fragmentation behavior of N-linked glycopeptide ions. <i>Analytical Chemistry</i> , 2008 , 80, 3684-92	7.8	70

152	Preparation and characterization of alginate and alginate-resistant starch microparticles containing nisin. <i>Carbohydrate Polymers</i> , 2014 , 103, 573-80	10.3	69
151	Label-free absolute quantitation of oligosaccharides using multiple reaction monitoring. <i>Analytical Chemistry</i> , 2014 , 86, 2640-7	7.8	68
150	Infant Maturity at Birth Reveals Minor Differences in the Maternal Milk Metabolome in the First Month of Lactation. <i>Journal of Nutrition</i> , 2015 , 145, 1698-708	4.1	68
149	Glycoprofiling bifidobacterial consumption of galacto-oligosaccharides by mass spectrometry reveals strain-specific, preferential consumption of glycans. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 7319-25	4.8	68
148	Dietary effects of arachidonate-rich fungal oil and fish oil on murine hepatic and hippocampal gene expression. <i>Lipids in Health and Disease</i> , 2002 , 1, 2	4.4	68
147	Docosahexaenoic acid and other dietary polyunsaturated fatty acids suppress leukotriene synthesis by mouse peritoneal macrophages. <i>Lipids</i> , 1988 , 23, 968-72	1.6	68
146	Automated glycopeptide analysis--review of current state and future directions. <i>Briefings in Bioinformatics</i> , 2013 , 14, 361-74	13.4	67
145	Lipoxygenase in trout gill tissue acting on arachidonic, eicosapentaenoic and docosahexaenoic acids. <i>Lipids and Lipid Metabolism</i> , 1986 , 875, 12-20		67
144	Pilot study of probiotic/colostrum supplementation on gut function in children with autism and gastrointestinal symptoms. <i>PLoS ONE</i> , 2019 , 14, e0210064	3.7	67
143	Digestion of Protein in Premature and Term Infants 2012 , 2, 112		66
142	Effect of lactoferrin on oxidative stability of corn oil emulsions and liposomes. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 1356-61	5.7	66
141	Headspace gas chromatography to determine human low density lipoprotein oxidation. <i>Lipids</i> , 1992 , 27, 1047-51	1.6	66
140	Analytical performance of immobilized pronase for glycopeptide footprinting and implications for surpassing reductionist glycoproteomics. <i>Journal of Proteome Research</i> , 2009 , 8, 502-12	5.6	63
139	Milk Fat Globule structure & function; nanoscience comes to milk production. <i>Trends in Food Science and Technology</i> , 2008 , 19, 617-617	15.3	63
138	Methods for the quantitation of human milk oligosaccharides in bacterial fermentation by mass spectrometry. <i>Analytical Biochemistry</i> , 2007 , 361, 15-23	3.1	63
137	Individual metabolism should guide agriculture toward foods for improved health and nutrition. <i>American Journal of Clinical Nutrition</i> , 2001 , 74, 283-6	7	63
136	Food processing and lipid oxidation. <i>Advances in Experimental Medicine and Biology</i> , 1999 , 459, 23-50	3.6	63
135	A peptidomic analysis of human milk digestion in the infant stomach reveals protein-specific degradation patterns. <i>Journal of Nutrition</i> , 2014 , 144, 815-20	4.1	62

134	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> , 2013 , 8, e57535	3.7	60
133	Transcriptome profiling of bovine milk oligosaccharide metabolism genes using RNA-sequencing. <i>PLoS ONE</i> , 2011 , 6, e18895	3.7	60
132	Bifidobacteria-mediated immune system imprinting early in life. <i>Cell</i> , 2021 , 184, 3884-3898.e11	56.2	60
131	Natural variability in bovine milk oligosaccharides from Danish Jersey and Holstein-Friesian breeds. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 6188-96	5.7	58
130	Studying Lactoferrin N-Glycosylation. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	57
129	Identification of Oligosaccharides in Feces of Breast-fed Infants and Their Correlation with the Gut Microbial Community. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 2987-3002	7.6	55
128	Metabolomics in practice: emerging knowledge to guide future dietetic advice toward individualized health. <i>Journal of the American Dietetic Association</i> , 2005 , 105, 1425-32		55
127	Isolation and Identification of Dry Salami Volatiles. <i>Journal of Food Science</i> , 1990 , 55, 1239-1242	3.4	55
126	Nutrigenomics and personalized diets: What will they mean for food?. <i>Annual Review of Food Science and Technology</i> , 2011 , 2, 97-123	14.7	54
125	Inhibition of Endothelial Cell-Mediated Oxidation of Low-Density Lipoprotein by Rosemary and Plant Phenolics. <i>Journal of Agricultural and Food Chemistry</i> , 1997 , 45, 578-582	5.7	54
124	White sturgeon tissue fatty acid compositions are affected by dietary lipids. <i>Journal of Nutrition</i> , 1993 , 123, 1685-92	4.1	54
123	Mechanistic peptidomics: factors that dictate specificity in the formation of endogenous peptides in human milk. <i>Molecular and Cellular Proteomics</i> , 2014 , 13, 3343-51	7.6	53
122	Comparison of natural polyphenol antioxidants from extra virgin olive oil with synthetic antioxidants in tuna lipids during thermal oxidation. <i>Journal of Agricultural and Food Chemistry</i> , 1999 , 47, 4873-9	5.7	53
121	Lipoxygenase in fish tissue: some properties of the 12-lipoxygenase from trout gill. <i>Journal of Agricultural and Food Chemistry</i> , 1988 , 36, 680-685	5.7	53
120	Human milk secretory immunoglobulin a and lactoferrin N-glycans are altered in women with gestational diabetes mellitus. <i>Journal of Nutrition</i> , 2013 , 143, 1906-12	4.1	51
119	Analytical metabolomics: nutritional opportunities for personalized health. <i>Journal of Nutritional Biochemistry</i> , 2011 , 22, 995-1002	6.3	51
118	Novel high-molecular weight fucosylated milk oligosaccharides identified in dairy streams. <i>PLoS ONE</i> , 2014 , 9, e96040	3.7	50
117	Food in an evolutionary context: insights from mother@ milk. <i>Journal of the Science of Food and Agriculture</i> , 2012 , 92, 2219-23	4.3	50

116	Assessing individual metabolic responsiveness to a lipid challenge using a targeted metabolomic approach. <i>Metabolomics</i> , 2009 , 5, 209-218	4.7	50
115	Determination of hydroperoxides and structures by high-performance liquid chromatography with post-column detection with diphenyl-1-pyrenylphosphine. <i>Lipids</i> , 1996 , 31, 1091-6	1.6	49
114	Endogenous human milk peptide release is greater after preterm birth than term birth. <i>Journal of Nutrition</i> , 2015 , 145, 425-33	4.1	48
113	Metabolomics for assessment of nutritional status. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009 , 12, 501-7	3.8	48
112	Lipoproteins: When size really matters. <i>Current Opinion in Colloid and Interface Science</i> , 2006 , 11, 171-183	3.6	47
111	Effects of natural phenolic compounds on the antioxidant activity of lactoferrin in liposomes and oil-in-water emulsions. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 2392-9	5.7	47
110	Predicting the important enzymes in human breast milk digestion. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 7225-32	5.7	46
109	Effects of triclosan in breast milk on the infant fecal microbiome. <i>Chemosphere</i> , 2018 , 203, 467-473	8.4	45
108	Effects of various dietary fats on cardiolipin acyl composition during ontogeny of mice. <i>Lipids</i> , 1992 , 27, 605-12	1.6	45
107	Dietary omega-3 fatty acids aid in the modulation of inflammation and metabolic health. <i>California Agriculture</i> , 2011 , 65, 106-111	1.1	44
106	Protein Digestion of Baby Foods: Study Approaches and Implications for Infant Health. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, 1700231	5.9	43
105	Nutritional lipidomics: molecular metabolism, analytics, and diagnostics. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1319-35	5.9	43
104	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> , 2011 , 59, 4255-63	5.7	43
103	Personalizing protein nourishment. <i>Critical Reviews in Food Science and Nutrition</i> , 2017 , 57, 3313-3331	11.5	42
102	Dietary lipids from an evolutionary perspective: sources, structures and functions. <i>Maternal and Child Nutrition</i> , 2011 , 7 Suppl 2, 2-16	3.4	42
101	Chemical Characterization of Potentially Prebiotic Oligosaccharides in Brewed Coffee and Spent Coffee Grounds. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 2784-2792	5.7	41
100	Rapid-throughput glycomics applied to human milk oligosaccharide profiling for large human studies. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 7925-35	4.4	41
99	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> , 2011 , 305, 138-150	1.9	41

98	Peptidomic profile of milk of Holstein cows at peak lactation. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 58-65	5.7	40
97	Alteration in plasma testosterone levels in male mice lacking soluble epoxide hydrolase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E375-83	6	40
96	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> , 2018 , 5, 40	6.2	39
95	Antioxidants in foods and health: problems and fallacies in the field. <i>Journal of the Science of Food and Agriculture</i> , 2006 , 86, 1999-2001	4.3	39
94	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> , 2014 , 63, 203-209	7	38
93	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> , 2014 , 30, 180-9	2.6	37
92	Eighteen new oleaginous yeast species. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016 , 43, 887-900	4.2	36
91	Maternal high-protein or high-prebiotic-fiber diets affect maternal milk composition and gut microbiota in rat dams and their offspring. <i>Obesity</i> , 2014 , 22, 2344-51	8	34
90	Quantitation of human milk proteins and their glycoforms using multiple reaction monitoring (MRM). <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 589-606	4.4	33
89	Saturated fats: a perspective from lactation and milk composition. <i>Lipids</i> , 2010 , 45, 915-23	1.6	33
88	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> , 2016 , 5, e14	2.7	33
87	Identification and characterization of a 15-lipoxygenase from fish gills. <i>Journal of Agricultural and Food Chemistry</i> , 1990 , 38, 2144-2147	5.7	32
86	Employment of tandem mass spectrometry for the accurate and specific identification of oligosaccharide structures. <i>Analytical Chemistry</i> , 2012 , 84, 7456-62	7.8	30
85	Following the digestion of milk proteins from mother to baby. <i>Journal of Proteome Research</i> , 2014 , 13, 5777-83	5.6	29
84	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> , 2012 , 60, 3700-7	5.7	29
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