

# Yolanda Sanz

## 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.

213 papers	13,169 citations	66 h-index	107 g-index
226 ext. papers	15,451 ext. citations	5.3 avg, IF	6.75 L-index

#	Paper	IF	Citations
213	Gut microbiota composition is associated with body weight, weight gain and biochemical parameters in pregnant women. <i>British Journal of Nutrition</i> , <b>2010</b> , 104, 83-92	3.6	577
212	Interactions of gut microbiota with functional food components and nutraceuticals. <i>Pharmacological Research</i> , <b>2010</b> , 61, 219-25	10.2	407
211	Interplay between weight loss and gut microbiota composition in overweight adolescents. <i>Obesity</i> , <b>2009</b> , 17, 1906-15	8	321
210	Imbalance in the composition of the duodenal microbiota of children with coeliac disease. <i>Journal of Medical Microbiology</i> , <b>2007</b> , 56, 1669-1674	3.2	282
209	Microbiota and host determinants of behavioural phenotype in maternally separated mice. <i>Nature Communications</i> , <b>2015</b> , 6, 7735	17.4	275
208	Intestinal luminal nitrogen metabolism: role of the gut microbiota and consequences for the host. <i>Pharmacological Research</i> , <b>2013</b> , 68, 95-107	10.2	253
207	Shifts in clostridia, bacteroides and immunoglobulin-coating fecal bacteria associated with weight loss in obese adolescents. <i>International Journal of Obesity</i> , <b>2009</b> , 33, 758-67	5.5	244
206	Specific duodenal and faecal bacterial groups associated with paediatric coeliac disease. <i>Journal of Clinical Pathology</i> , <b>2009</b> , 62, 264-9	3.9	241
205	Bacteroides uniformis CECT 7771 ameliorates metabolic and immunological dysfunction in mice with high-fat-diet induced obesity. <i>PLoS ONE</i> , <b>2012</b> , 7, e41079	3.7	215
204	Intestinal dysbiosis and reduced immunoglobulin-coated bacteria associated with coeliac disease in children. <i>BMC Microbiology</i> , <b>2010</b> , 10, 63	4.5	213
203	Effects of a gluten-free diet on gut microbiota and immune function in healthy adult human subjects. <i>British Journal of Nutrition</i> , <b>2009</b> , 102, 1154-60	3.6	207
202	The HLA-DQ2 genotype selects for early intestinal microbiota composition in infants at high risk of developing coeliac disease. <i>Gut</i> , <b>2015</b> , 64, 406-17	19.2	204
201	Influence of gut microbiota on neuropsychiatric disorders. <i>World Journal of Gastroenterology</i> , <b>2017</b> , 23, 5486-5498	5.6	190
200	Dry-cured ham flavour: enzymatic generation and process influence. <i>Food Chemistry</i> , <b>1997</b> , 59, 523-530	8.5	180
199	Gut microbiota in obesity and metabolic disorders. <i>Proceedings of the Nutrition Society</i> , <b>2010</b> , 69, 434-41	2.9	179
198	Electrospinning as a useful technique for the encapsulation of living bifidobacteria in food hydrocolloids. <i>Food Hydrocolloids</i> , <b>2012</b> , 28, 159-167	10.6	171
197	Differential immunomodulatory properties of Bifidobacterium logum strains: relevance to probiotic selection and clinical applications. <i>Clinical and Experimental Immunology</i> , <b>2007</b> , 150, 531-8	6.2	161

196	The impact of human activities and lifestyles on the interlinked microbiota and health of humans and of ecosystems. <i>Science of the Total Environment</i> , <b>2018</b> , 627, 1018-1038	10.2	160
195	The impact of probiotic on gut health. <i>Current Drug Metabolism</i> , <b>2009</b> , 10, 68-78	3.5	158
194	Low-pH adaptation and the acid tolerance response of <i>Bifidobacterium longum</i> biotype <i>longum</i> . <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 6450-9	4.8	149
193	Encapsulation of living bifidobacteria in ultrathin PVOH electrospun fibers. <i>Biomacromolecules</i> , <b>2009</b> , 10, 2823-9	6.9	143
192	Gut microbiota role in dietary protein metabolism and health-related outcomes: The two sides of the coin. <i>Trends in Food Science and Technology</i> , <b>2016</b> , 57, 213-232	15.3	141
191	Imbalances in faecal and duodenal <i>Bifidobacterium</i> species composition in active and non-active coeliac disease. <i>BMC Microbiology</i> , <b>2008</b> , 8, 232	4.5	138
190	Adhesion of selected <i>Bifidobacterium</i> strains to human intestinal mucus and the role of adhesion in enteropathogen exclusion. <i>Journal of Food Protection</i> , <b>2005</b> , 68, 2672-8	2.5	137
189	<i>Bifidobacterium</i> CECT 7765 improves metabolic and immunological alterations associated with obesity in high-fat diet-fed mice. <i>Obesity</i> , <b>2013</b> , 21, 2310-21	8	133
188	Comparison of in vitro models to study bacterial adhesion to the intestinal epithelium. <i>Letters in Applied Microbiology</i> , <b>2009</b> , 49, 695-701	2.9	130
187	Species-level resolution of 16S rRNA gene amplicons sequenced through the MinION portable nanopore sequencer. <i>GigaScience</i> , <b>2016</b> , 5, 4	7.6	123
186	The Role of the Microbial Metabolites Including Tryptophan Catabolites and Short Chain Fatty Acids in the Pathophysiology of Immune-Inflammatory and Neuroimmune Disease. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 4432-4451	6.2	120
185	Interplay Between the Gut-Brain Axis, Obesity and Cognitive Function. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 155	5.1	120
184	<i>Bifidobacterium pseudocatenulatum</i> CECT 7765 Reduces Obesity-Associated Inflammation by Restoring the Lymphocyte-Macrophage Balance and Gut Microbiota Structure in High-Fat Diet-Fed Mice. <i>PLoS ONE</i> , <b>2015</b> , 10, e0126976	3.7	117
183	Intestinal Microbiota and Celiac Disease: Cause, Consequence or Co-Evolution?. <i>Nutrients</i> , <b>2015</b> , 7, 6900-23	2.3	116
182	Differences in faecal bacterial communities in coeliac and healthy children as detected by PCR and denaturing gradient gel electrophoresis. <i>FEMS Immunology and Medical Microbiology</i> , <b>2007</b> , 51, 562-8		112
181	Re-print of "Intestinal luminal nitrogen metabolism: role of the gut microbiota and consequences for the host". <i>Pharmacological Research</i> , <b>2013</b> , 69, 114-26	10.2	111
180	Quantity and source of dietary protein influence metabolite production by gut microbiota and rectal mucosa gene expression: a randomized, parallel, double-blind trial in overweight humans. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 106, 1005-1019	7	111
179	Hydrolysis of pork muscle sarcoplasmic proteins by <i>Lactobacillus curvatus</i> and <i>Lactobacillus sake</i> . <i>Applied and Environmental Microbiology</i> , <b>1999</b> , 65, 578-84	4.8	110

178	Unraveling the ties between celiac disease and intestinal microbiota. <i>International Reviews of Immunology</i> , <b>2011</b> , 30, 207-18	4.6	109
177	Gut microbiota, diet, and obesity-related disorders-The good, the bad, and the future challenges. <i>Molecular Nutrition and Food Research</i> , <b>2017</b> , 61, 1600252	5.9	106
176	Dietary fat, the gut microbiota, and metabolic health - A systematic review conducted within the MyNewGut project. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 2504-2520	5.9	106
175	Duodenal-mucosal bacteria associated with celiac disease in children. <i>Applied and Environmental Microbiology</i> , <b>2013</b> , 79, 5472-9	4.8	105
174	Influence of milk-feeding type and genetic risk of developing coeliac disease on intestinal microbiota of infants: the PROFICEL study. <i>PLoS ONE</i> , <b>2012</b> , 7, e30791	3.7	102
173	Commensal and probiotic bacteria influence intestinal barrier function and susceptibility to colitis in Nod1-/-; Nod2-/- mice. <i>Inflammatory Bowel Diseases</i> , <b>2012</b> , 18, 1434-46	4.5	101
172	Influence of environmental and genetic factors linked to celiac disease risk on infant gut colonization by Bacteroides species. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 5316-23	4.8	98
171	Role of intestinal bacteria in gliadin-induced changes in intestinal mucosa: study in germ-free rats. <i>PLoS ONE</i> , <b>2011</b> , 6, e16169	3.7	97
170	Bifidobacterium longum CECT 7347 modulates immune responses in a gliadin-induced enteropathy animal model. <i>PLoS ONE</i> , <b>2012</b> , 7, e30744	3.7	92
169	Gut microbiota dysbiosis is associated with inflammation and bacterial translocation in mice with CCl4-induced fibrosis. <i>PLoS ONE</i> , <b>2011</b> , 6, e23037	3.7	92
168	Hydrolysis of muscle myofibrillar proteins by Lactobacillus curvatus and Lactobacillus sake. <i>International Journal of Food Microbiology</i> , <b>1999</b> , 53, 115-25	5.8	89
167	Bifidobacterium CECT 7765 modulates early stress-induced immune, neuroendocrine and behavioral alterations in mice. <i>Brain, Behavior, and Immunity</i> , <b>2017</b> , 65, 43-56	16.6	87
166	Bifidobacteria inhibit the inflammatory response induced by gliadins in intestinal epithelial cells via modifications of toxic peptide generation during digestion. <i>Journal of Cellular Biochemistry</i> , <b>2010</b> , 109, 801-7	4.7	86
165	Differences between the fecal microbiota of coeliac infants and healthy controls. <i>Current Issues in Intestinal Microbiology</i> , <b>2007</b> , 8, 9-14		84
164	Double-blind, randomised, placebo-controlled intervention trial to evaluate the effects of Bifidobacterium longum CECT 7347 in children with newly diagnosed coeliac disease. <i>British Journal of Nutrition</i> , <b>2014</b> , 112, 30-40	3.6	83
163	2-DE and MS analysis of key proteins in the adhesion of Lactobacillus plantarum, a first step toward early selection of probiotics based on bacterial biomarkers. <i>Electrophoresis</i> , <b>2009</b> , 30, 949-56	3.6	83
162	Characterization of muscle sarcoplasmic and myofibrillar protein hydrolysis caused by Lactobacillus plantarum. <i>Applied and Environmental Microbiology</i> , <b>1999</b> , 65, 3540-6	4.8	82
161	Understanding the role of gut microbiome in metabolic disease risk. <i>Pediatric Research</i> , <b>2015</b> , 77, 236-44	3.2	79

160	Microbiota, inflammation and obesity. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 817, 291-313.	3.6	79
159	Gut microbiota and attention deficit hyperactivity disorder: new perspectives for a challenging condition. <i>European Child and Adolescent Psychiatry</i> , <b>2017</b> , 26, 1081-1092	5.5	78
158	Human milk composition differs in healthy mothers and mothers with celiac disease. <i>European Journal of Nutrition</i> , <b>2015</b> , 54, 119-28	5.2	78
157	Production of bacteriocin-like inhibitory compounds by human fecal Bifidobacterium strains. <i>Journal of Food Protection</i> , <b>2005</b> , 68, 1034-40	2.5	78
156	Bifidobacterium strains suppress in vitro the pro-inflammatory milieu triggered by the large intestinal microbiota of coeliac patients. <i>Journal of Inflammation</i> , <b>2008</b> , 5, 19	6.7	77
155	Depletion of Species in the Microbiota of Obese Children Relates to Intestinal Inflammation and Metabolic Phenotype Worsening. <i>MSystems</i> , <b>2020</b> , 5,	7.6	77
154	Antimicrobial peptides are among the antagonistic metabolites produced by Bifidobacterium against Helicobacter pylori. <i>International Journal of Antimicrobial Agents</i> , <b>2005</b> , 25, 385-91	14.3	76
153	Intestinal microbiota modulates gluten-induced immunopathology in humanized mice. <i>American Journal of Pathology</i> , <b>2015</b> , 185, 2969-82	5.8	75
152	PCR-based fingerprinting techniques for rapid detection of animal species in meat products. <i>Meat Science</i> , <b>2004</b> , 66, 659-65	6.4	72
151	Gut microbiota trajectory in early life may predict development of celiac disease. <i>Microbiome</i> , <b>2018</b> , 6, 36	16.6	69
150	Prebiotic potential of a refined product containing pectic oligosaccharides. <i>LWT - Food Science and Technology</i> , <b>2011</b> , 44, 1687-1696	5.4	69
149	Gut microbiota and probiotics in maternal and infant health. <i>American Journal of Clinical Nutrition</i> , <b>2011</b> , 94, 2000S-2005S	7	69
148	High-protein diet modifies colonic microbiota and luminal environment but not colonocyte metabolism in the rat model: the increased luminal bulk connection. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 307, G459-70	5.1	67
147	Understanding the role of gut microbes and probiotics in obesity: how far are we?. <i>Pharmacological Research</i> , <b>2013</b> , 69, 144-55	10.2	66
146	Pivotal Advance: Bifidobacteria and Gram-negative bacteria differentially influence immune responses in the proinflammatory milieu of celiac disease. <i>Journal of Leukocyte Biology</i> , <b>2010</b> , 87, 765-78	6.5	65
145	Discerning the role of Bacteroides fragilis in celiac disease pathogenesis. <i>Applied and Environmental Microbiology</i> , <b>2012</b> , 78, 6507-15	4.8	64
144	Intestinal Bacteroides species associated with coeliac disease. <i>Journal of Clinical Pathology</i> , <b>2010</b> , 63, 1105-11	3.9	64
143	Effects of a gluten-free diet on gut microbiota and immune function in healthy adult humans. <i>Gut Microbes</i> , <b>2010</b> , 1, 135-7	8.8	63

142	Microbiota in obesity: interactions with enteroendocrine, immune and central nervous systems. <i>Obesity Reviews</i> , <b>2018</b> , 19, 435-451	10.6	60
141	Probiotics as drugs against human gastrointestinal infections. <i>Recent Patents on Anti-infective Drug Discovery</i> , <b>2007</b> , 2, 148-56	1.6	60
140	Adhesion properties and competitive pathogen exclusion ability of bifidobacteria with acquired acid resistance. <i>Journal of Food Protection</i> , <b>2006</b> , 69, 1675-9	2.5	60
139	Intestinal Dysbiosis, Gut Hyperpermeability and Bacterial Translocation: Missing Links Between Depression, Obesity and Type 2 Diabetes. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 6087-6106	3.3	60
138	Health claims in Europe: probiotics and prebiotics as case examples. <i>Annual Review of Food Science and Technology</i> , <b>2012</b> , 3, 247-61	14.7	59
137	High-protein diets for weight management: Interactions with the intestinal microbiota and consequences for gut health. A position paper by the my new gut study group. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 1012-1022	5.9	58
136	Characterization of an acid phosphatase from <i>Lactobacillus pentosus</i> : regulation and biochemical properties. <i>Journal of Applied Microbiology</i> , <b>2005</b> , 98, 229-37	4.7	57
135	Hydrolytic action of <i>Lactobacillus casei</i> CRL 705 on pork muscle sarcoplasmic and myofibrillar proteins. <i>Journal of Agricultural and Food Chemistry</i> , <b>1999</b> , 47, 3441-8	5.7	57
134	Future for probiotic science in functional food and dietary supplement development. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2013</b> , 16, 679-87	3.8	55
133	Resistance to simulated gastrointestinal conditions and adhesion to mucus as probiotic criteria for <i>Bifidobacterium longum</i> strains. <i>Current Microbiology</i> , <b>2008</b> , 56, 613-8	2.4	55
132	Reduced diversity and increased virulence-gene carriage in intestinal enterobacteria of coeliac children. <i>BMC Gastroenterology</i> , <b>2008</b> , 8, 50	3	55
131	Ecological and functional implications of the acid-adaptation ability of <i>Bifidobacterium</i> : A way of selecting improved probiotic strains. <i>International Dairy Journal</i> , <b>2007</b> , 17, 1284-1289	3.5	55
130	Host responses to intestinal microbial antigens in gluten-sensitive mice. <i>PLoS ONE</i> , <b>2009</b> , 4, e6472	3.7	53
129	Gut microbiota and probiotics in modulation of epithelium and gut-associated lymphoid tissue function. <i>International Reviews of Immunology</i> , <b>2009</b> , 28, 397-413	4.6	53
128	Selection of lactic acid bacteria with high phytate degrading activity for application in whole wheat breadmaking. <i>LWT - Food Science and Technology</i> , <b>2008</b> , 41, 82-92	5.4	52
127	Purification and characterization of a prolyl aminopeptidase from <i>Debaryomyces hansenii</i> . <i>Applied and Environmental Microbiology</i> , <b>2003</b> , 69, 227-32	4.8	52
126	Purification and Characterization of an Aminopeptidase from <i>Lactobacillus sake</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>1997</b> , 45, 1552-1558	5.7	51
125	Nutritional interest of dietary fiber and prebiotics in obesity: Lessons from the MyNewGut consortium. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 414-424	5.9	51

124	Immune development and intestinal microbiota in celiac disease. <i>Clinical and Developmental Immunology</i> , <b>2012</b> , 2012, 654143		50
123	Hydrolysis of pork muscle sarcoplasmic proteins by <i>Debaryomyces hansenii</i> . <i>International Journal of Food Microbiology</i> , <b>2001</b> , 68, 199-206	5.8	50
122	Multi-locus and long amplicon sequencing approach to study microbial diversity at species level using the MinION portable nanopore sequencer. <i>GigaScience</i> , <b>2017</b> , 6, 1-12	7.6	48
121	Intestinal <i>Staphylococcus</i> spp. and virulent features associated with coeliac disease. <i>Journal of Clinical Pathology</i> , <b>2012</b> , 65, 830-4	3.9	48
120	Sensory improvement of dry-fermented sausages by the addition of cell-free extracts from <i>Debaryomyces hansenii</i> and <i>Lactobacillus sakei</i> . <i>Meat Science</i> , <b>2006</b> , 72, 457-66	6.4	48
119	Purification and characterization of an arginine aminopeptidase from <i>Lactobacillus sakei</i> . <i>Applied and Environmental Microbiology</i> , <b>2002</b> , 68, 1980-7	4.8	48
118	Grape seed proanthocyanidins influence gut microbiota and enteroendocrine secretions in female rats. <i>Food and Function</i> , <b>2018</b> , 9, 1672-1682	6.1	47
117	Induction of acid resistance in <i>Bifidobacterium</i> : a mechanism for improving desirable traits of potentially probiotic strains. <i>Journal of Applied Microbiology</i> , <b>2007</b> , 103, 1147-57	4.7	47
116	Purification and characterization of an X-prolyl-dipeptidyl peptidase from <i>Lactobacillus sakei</i> . <i>Applied and Environmental Microbiology</i> , <b>2001</b> , 67, 1815-20	4.8	45
115	Purification and Characterization of a Tripeptidase from <i>Lactobacillus sakei</i> . <i>Journal of Agricultural and Food Chemistry</i> , <b>1998</b> , 46, 349-353	5.7	45
114	<i>Bifidobacterium pseudocatenulatum</i> CECT 7765 Ameliorates Neuroendocrine Alterations Associated with an Exaggerated Stress Response and Anhedonia in Obese Mice. <i>Molecular Neurobiology</i> , <b>2018</b> , 55, 5337-5352	6.2	44
113	Phytase activity as a novel metabolic feature in <i>Bifidobacterium</i> . <i>FEMS Microbiology Letters</i> , <b>2005</b> , 247, 231-9	2.9	44
112	Arabinoxylan oligosaccharides and polyunsaturated fatty acid effects on gut microbiota and metabolic markers in overweight individuals with signs of metabolic syndrome: A randomized cross-over trial. <i>Clinical Nutrition</i> , <b>2020</b> , 39, 67-79	5.9	44
111	Modulation of phenotypic and functional maturation of dendritic cells by intestinal bacteria and gliadin: relevance for celiac disease. <i>Journal of Leukocyte Biology</i> , <b>2012</b> , 92, 1043-54	6.5	43
110	Phytate reduction in bran-enriched bread by phytase-producing bifidobacteria. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 10239-44	5.7	43
109	Quantification of mucosa-adhered microbiota of lambs and calves by the use of culture methods and fluorescent in situ hybridization coupled with flow cytometry techniques. <i>Veterinary Microbiology</i> , <b>2007</b> , 121, 299-306	3.3	42
108	Purification and properties of an arginyl aminopeptidase from <i>Debaryomyces hansenii</i> . <i>International Journal of Food Microbiology</i> , <b>2003</b> , 86, 141-51	5.8	42
107	Probiotics and clinical effects: is the number what counts?. <i>Journal of Chemotherapy</i> , <b>2013</b> , 25, 193-212	2.3	41

106	Pre-obese children's dysbiotic gut microbiome and unhealthy diets may predict the development of obesity. <i>Communications Biology</i> , <b>2018</b> , 1, 222	6.7	41
105	A Multi-omics Approach to Unraveling the Microbiome-Mediated Effects of Arabinoxylan Oligosaccharides in Overweight Humans. <i>MSystems</i> , <b>2019</b> , 4,	7.6	40
104	Bread supplemented with amaranth ( <i>Amaranthus cruentus</i> ): effect of phytates on in vitro iron absorption. <i>Plant Foods for Human Nutrition</i> , <b>2012</b> , 67, 50-6	3.9	40
103	The Role of Microbiota and Intestinal Permeability in the Pathophysiology of Autoimmune and Neuroimmune Processes with an Emphasis on Inflammatory Bowel Disease Type 1 Diabetes and Chronic Fatigue Syndrome. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 6058-6075	3.3	40
102	Myo-inositol hexakisphosphate degradation by <i>Bifidobacterium infantis</i> ATCC 15697. <i>International Journal of Food Microbiology</i> , <b>2007</b> , 117, 76-84	5.8	39
101	Selection of phytate-degrading human bifidobacteria and application in whole wheat dough fermentation. <i>Food Microbiology</i> , <b>2008</b> , 25, 169-76	6	38
100	Method for direct selection of potentially probiotic <i>Bifidobacterium</i> strains from human feces based on their acid-adaptation ability. <i>Journal of Microbiological Methods</i> , <b>2006</b> , 66, 560-3	2.8	38
99	Increased prevalence of pathogenic bacteria in the gut microbiota of infants at risk of developing celiac disease: The PROFICEL study. <i>Gut Microbes</i> , <b>2018</b> , 9, 551-558	8.8	37
98	Microbiome and Gluten. <i>Annals of Nutrition and Metabolism</i> , <b>2015</b> , 67 Suppl 2, 28-41	4.5	37
97	Impact of dietary fiber and fat on gut microbiota re-modeling and metabolic health. <i>Trends in Food Science and Technology</i> , <b>2016</b> , 57, 201-212	15.3	37
96	Feeding melancholic microbes: MyNewGut recommendations on diet and mood. <i>Clinical Nutrition</i> , <b>2019</b> , 38, 1995-2001	5.9	37
95	Gut microbiota-related complications in cirrhosis. <i>World Journal of Gastroenterology</i> , <b>2014</b> , 20, 15624-31	5.6	35
94	Infant feeding and risk of developing celiac disease: a systematic review. <i>BMJ Open</i> , <b>2016</b> , 6, e009163	3	35
93	Protective effect of <i>Bifidobacterium pseudocatenulatum</i> CECT7765 against induced bacterial antigen translocation in experimental cirrhosis. <i>Liver International</i> , <b>2014</b> , 34, 850-8	7.9	34
92	Immunostimulatory effect of faecal <i>Bifidobacterium</i> species of breast-fed and formula-fed infants in a peripheral blood mononuclear cell/Caco-2 co-culture system. <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 1216-23	3.6	34
91	Safety Assessment of <i>Bacteroides uniformis</i> CECT 7771 Isolated from Stools of Healthy Breast-Fed Infants. <i>PLoS ONE</i> , <b>2016</b> , 11, e0145503	3.7	33
90	Cactus pear ( <i>Opuntia ficus-indica</i> ) juice fermented with autochthonous <i>Lactobacillus plantarum</i> S-811. <i>Food and Function</i> , <b>2019</b> , 10, 1085-1097	6.1	32
89	Drug-related deaths in hospital inpatients: A retrospective cohort study. <i>British Journal of Clinical Pharmacology</i> , <b>2018</b> , 84, 542-552	3.8	32

88	The Potential Role of the Dipeptidyl Peptidase-4-Like Activity From the Gut Microbiota on the Host Health. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1900	5.7	29
87	The Glycolytic Versatility of CECT 7771 and Its Genome Response to Oligo and Polysaccharides. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 383	5.9	29
86	Protease and esterase activity of staphylococci. <i>International Journal of Food Microbiology</i> , <b>2006</b> , 112, 223-9	5.8	29
85	Genetic and functional characterization of dpp genes encoding a dipeptide transport system in <i>Lactococcus lactis</i> . <i>Archives of Microbiology</i> , <b>2001</b> , 175, 334-43	3	29
84	Influence of <i>Bifidobacterium longum</i> CECT 7347 and gliadin peptides on intestinal epithelial cell proteome. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 7666-71	5.7	28
83	Effect of pre-ripening on microbial and chemical changes in dry fermented sausages. <i>Food Microbiology</i> , <b>1997</b> , 14, 575-582	6	28
82	Insights into the roles of gut microbes in obesity. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , <b>2008</b> , 2008, 829101	1.7	28
81	Antibiotic exposure in pregnancy and risk of coeliac disease in offspring: a cohort study. <i>BMC Gastroenterology</i> , <b>2014</b> , 14, 75	3	27
80	Hepatic molecular responses to <i>Bifidobacterium pseudocatenulatum</i> CECT 7765 in a mouse model of diet-induced obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2014</b> , 24, 57-64	4.5	26
79	Assessment of iron bioavailability in whole wheat bread by addition of phytase-producing bifidobacteria. <i>Journal of Agricultural and Food Chemistry</i> , <b>2012</b> , 60, 3190-5	5.7	26
78	Is it true that coeliacs do not digest gliadin? Degradation pattern of gliadin in coeliac disease small intestinal mucosa. <i>Gut</i> , <b>2009</b> , 58, 886-7	19.2	26
77	Host genotype, intestinal microbiota and inflammatory disorders. <i>British Journal of Nutrition</i> , <b>2013</b> , 109 Suppl 2, S76-80	3.6	25
76	<i>Bifidobacterium pseudocatenulatum</i> CECT 7765 supplementation improves inflammatory status in insulin-resistant obese children. <i>European Journal of Nutrition</i> , <b>2019</b> , 58, 2789-2800	5.2	25
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