Yolanda Sanz

List of Publications by Year in Descending Order

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 bless you: The microbiota-gut-brain axis in irritable bowel syndrome.. *World Journal of Gastroenterology*, **2022**, 28, 412-431	5.6	1
212	Prevalence, Abundance, and Virulence of Adherent-Invasive in Ulcerative Colitis, Colorectal Cancer, and Coeliac Disease.. *Frontiers in Immunology*, **2022**, 13, 748839	8.4	3
211	The gut microbiota as a versatile immunomodulator in obesity and associated metabolic disorders. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2021**, 35, 101542	6.5	8
210	The Microbiota and the Gut-Brain Axis in Controlling Food Intake and Energy Homeostasis. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	10
209	Bacteroides uniformis CECT 7771 alleviates inflammation within the gut-adipose tissue axis involving TLR5 signaling in obese mice. *Scientific Reports*, **2021**, 11, 11788	4.9	6
208	Holdemanella biformis improves glucose tolerance and regulates GLP-1 signaling in obese mice. *FASEB Journal*, **2021**, 35, e21734	0.9	1
207	Bacteroides uniformis CECT 7771 Modulates the Brain Reward Response to Reduce Binge Eating and Anxiety-Like Behavior in Rat. *Molecular Neurobiology*, **2021**, 58, 4959-4979	6.2	2
206	combined with fiber amplifies metabolic and immune benefits in obese mice. *Gut Microbes*, **2021**, 13, 1-20	8.8	18
205	Sex, Food, and the Gut Microbiota: Disparate Response to Caloric Restriction Diet with Fiber Supplementation in Women and Men. *Molecular Nutrition and Food Research*, **2021**, 65, e2000996	5.9	7
204	Computational strategies for the discovery of biological functions of health foods, nutraceuticals and cosmeceuticals: a review. *Molecular Diversity*, **2021**, 25, 1425-1438	3.1	3
203	Gut microbes and health. *Gastroenterología Y Hepatología*, **2021**, 44, 519-535	0.9	1
202	Gut microbes and health. *Gastroenterología Y Hepatología (English Edition)*, **2021**, 44, 519-535	0.1	0
201	Calling for a systems approach in microbiome research and innovation. *Current Opinion in Biotechnology*, **2021**, 73, 171-178	11.4	2
200	Complete Genome Sequence of Phascolarctobacterium faecium G 104, Isolated from the Stools of a Healthy Lean Donor. *Microbiology Resource Announcements*, **2021**, 10,	1.3	1
199	Gut microbiota in the etiopathogenesis of celiac disease **2021**, 45-64		1
198	Microbial enterotypes beyond genus level: species as a predictive biomarker for weight change upon controlled intervention with arabinoxylan oligosaccharides in overweight subjects. *Gut Microbes*, **2020**, 12, 1847627	8.8	9
197	Breast-Milk Microbiota Linked to Celiac Disease Development in Children: A Pilot Study From the PreventCD Cohort. *Frontiers in Microbiology*, **2020**, 11, 1335	5.7	18

196	Safety Assessment of CECT 7771, a Symbiont of the Gut Microbiota in Infants. *Nutrients*, **2020**, 12,	6.7	11
195	Infusion of donor feces affects the gut-brain axis in humans with metabolic syndrome. *Molecular Metabolism*, **2020**, 42, 101076	8.8	15
194	Bifidobacterium pseudocatenulatum CECT 7765 reverses the adverse effects of diet-induced obesity through the gut-bone axis. *Bone*, **2020**, 141, 115580	4.7	7
193	Nutritional interest of dietary fiber and prebiotics in obesity: Lessons from the MyNewGut consortium. *Clinical Nutrition*, **2020**, 39, 414-424	5.9	51
192	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. *Clinical Nutrition*, **2020**, 39, 67-79	5.9	44
191	Depletion of Species in the Microbiota of Obese Children Relates to Intestinal Inflammation and Metabolic Phenotype Worsening. *MSystems*, **2020**, 5,	7.6	77
190	Cactus pear (Opuntia ficus-indica) juice fermented with autochthonous Lactobacillus plantarum S-811. *Food and Function*, **2019**, 10, 1085-1097	6.1	32
189	A Multi-omics Approach to Unraveling the Microbiome-Mediated Effects of Arabinoxylan Oligosaccharides in Overweight Humans. *MSystems*, **2019**, 4,	7.6	40
188	Improved hemodynamic and liver function in portal hypertensive cirrhotic rats after administration of B. pseudocatenulatum CECT 7765. *European Journal of Nutrition*, **2019**, 58, 1647-1658	5.2	7
187	Safety of heat-killed as a novel food pursuant to Regulation (EU) 2015/2283. *EFSA Journal*, **2019**, 17, e05824	2.3	2
186	Dietary fat, the gut microbiota, and metabolic health - A systematic review conducted within the MyNewGut project. *Clinical Nutrition*, **2019**, 38, 2504-2520	5.9	106
185	Feeding melancholic microbes: MyNewGut recommendations on diet and mood. *Clinical Nutrition*, **2019**, 38, 1995-2001	5.9	37
184	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. *Clinical Nutrition*, **2019**, 38, 1012-1022	5.9	58
183	Bifidobacterium pseudocatenulatum CECT 7765 supplementation improves inflammatory status in insulin-resistant obese children. *European Journal of Nutrition*, **2019**, 58, 2789-2800	5.2	25
182	Grape seed proanthocyanidins influence gut microbiota and enteroendocrine secretions in female rats. *Food and Function*, **2018**, 9, 1672-1682	6.1	47
181	Increased prevalence of pathogenic bacteria in the gut microbiota of infants at risk of developing celiac disease: The PROFICEL study. *Gut Microbes*, **2018**, 9, 551-558	8.8	37
180	The impact of human activities and lifestyles on the interlinked microbiota and health of humans and of ecosystems. *Science of the Total Environment*, **2018**, 627, 1018-1038	10.2	160
179	Microbiota in obesity: interactions with enteroendocrine, immune and central nervous systems. *Obesity Reviews*, **2018**, 19, 435-451	10.6	60

178	Gut microbiota trajectory in early life may predict development of celiac disease. *Microbiome*, **2018**, 6, 36	16.6	69
177	Plant sterols and human gut microbiota relationship: An in vitro colonic fermentation study. *Journal of Functional Foods*, **2018**, 44, 322-329	5.1	13
176	Bifidobacterium pseudocatenulatum CECT 7765 Ameliorates Neuroendocrine Alterations Associated with an Exaggerated Stress Response and Anhedonia in Obese Mice. *Molecular Neurobiology*, **2018**, 55, 5337-5352	6.2	44
175	Interplay Between the Gut-Brain Axis, Obesity and Cognitive Function. *Frontiers in Neuroscience*, **2018**, 12, 155	5.1	120
174	Unpurified Gelidium-extracted carbohydrate-rich fractions improve probiotic protection during storage. *LWT - Food Science and Technology*, **2018**, 96, 694-703	5.4	12
173	Towards microbiome-informed dietary recommendations for promoting metabolic and mental health: Opinion papers of the MyNewGut project. *Clinical Nutrition*, **2018**, 37, 2191-2197	5.9	20
172	The Potential Role of the Dipeptidyl Peptidase-4-Like Activity From the Gut Microbiota on the Host Health. *Frontiers in Microbiology*, **2018**, 9, 1900	5.7	29
171	Drug-related deaths in hospital inpatients: A retrospective cohort study. *British Journal of Clinical Pharmacology*, **2018**, 84, 542-552	3.8	32
170	Pre-obese children's dysbiotic gut microbiome and unhealthy diets may predict the development of obesity. *Communications Biology*, **2018**, 1, 222	6.7	41
169	The Role of the Microbial Metabolites Including Tryptophan Catabolites and Short Chain Fatty Acids in the Pathophysiology of Immune-Inflammatory and Neuroimmune Disease. *Molecular Neurobiology*, **2017**, 54, 4432-4451	6.2	120
168	Gut microbiota, diet, and obesity-related disorders-The good, the bad, and the future challenges. *Molecular Nutrition and Food Research*, **2017**, 61, 1600252	5.9	106
167	Bifidobacterium CECT 7765 modulates early stress-induced immune, neuroendocrine and behavioral alterations in mice. *Brain, Behavior, and Immunity*, **2017**, 65, 43-56	16.6	87
166	Multi-locus and long amplicon sequencing approach to study microbial diversity at species level using the MinION□portable nanopore sequencer. *GigaScience*, **2017**, 6, 1-12	7.6	48
165	Gut microbiota and attention deficit hyperactivity disorder: new perspectives for a challenging condition. *European Child and Adolescent Psychiatry*, **2017**, 26, 1081-1092	5.5	78
164	From Bacterial Genomics to Human Health **2017**, 159-172		
163	CECT 7765 supplementation restores altered vascular function in an experimental model of obese mice. *International Journal of Medical Sciences*, **2017**, 14, 444-451	3.7	11
162	Influence of gut microbiota on neuropsychiatric disorders. *World Journal of Gastroenterology*, **2017**, 23, 5486-5498	5.6	190
161	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. *American Journal of Clinical Nutrition*, **2017**, 106, 1005-1019	7	111

160	Innovation in microbiome-based strategies for promoting metabolic health. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2017**, 20, 484-491	3.8	24
159	Immune-modulating effects in mouse dendritic cells of lactobacilli and bifidobacteria isolated from individuals following omnivorous, vegetarian and vegan diets. *Cytokine*, **2017**, 97, 141-148	4	11
158	The Glycolytic Versatility of CECT 7771 and Its Genome Response to Oligo and Polysaccharides. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 383	5.9	29
157	Pilot, double-blind, randomized, placebo-controlled clinical trial of the supplement food Nyaditum resae in adults with or without latent TB infection: Safety and immunogenicity. *PLoS ONE*, **2017**, 12, e0171294	3.7	8
156	Gut microbiota role in dietary protein metabolism and health-related outcomes: The two sides of the coin. *Trends in Food Science and Technology*, **2016**, 57, 213-232	15.3	141
155	Gut Microbiota and Risk of Developing Celiac Disease. *Journal of Clinical Gastroenterology*, **2016**, 50 Suppl 2, Proceedings from t, S148-S152	3	14
154	Species-level resolution of 16S rRNA gene amplicons sequenced through the MinION portable nanopore sequencer. *GigaScience*, **2016**, 5, 4	7.6	123
153	Bifidobacterium pseudocatenulatum CECT7765 promotes a TLR2-dependent anti-inflammatory response in intestinal lymphocytes from mice with cirrhosis. *European Journal of Nutrition*, **2016**, 55, 197-206	5.2	14
152	Bifidobacterium pseudocatenulatum CECT7765 induces an M2 anti-inflammatory transition in macrophages from patients with cirrhosis. *Journal of Hepatology*, **2016**, 64, 135-45	13.4	16
151	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. *Current Pharmaceutical Design*, **2016**, 22, 6058-6075	3.3	40
150	Intestinal Dysbiosis, Gut Hyperpermeability and Bacterial Translocation: Missing Links Between Depression, Obesity and Type 2 Diabetes. *Current Pharmaceutical Design*, **2016**, 22, 6087-6106	3.3	60
149	Genome Structure of the Symbiont Bifidobacterium pseudocatenulatum CECT 7765 and Gene Expression Profiling in Response to Lactulose-Derived Oligosaccharides. *Frontiers in Microbiology*, **2016**, 7, 624	5.7	7
148	Safety Assessment of Bacteroides uniformis CECT 7771 Isolated from Stools of Healthy Breast-Fed Infants. *PLoS ONE*, **2016**, 11, e0145503	3.7	33
147	Infant feeding and risk of developing celiac disease: a systematic review. *BMJ Open*, **2016**, 6, e009163	3	35
146	Impact of dietary fiber and fat on gut microbiota re-modeling and metabolic health. *Trends in Food Science and Technology*, **2016**, 57, 201-212	15.3	37
145	Microbiota and host determinants of behavioural phenotype in maternally separated mice. *Nature Communications*, **2015**, 6, 7735	17.4	275
144	Intestinal microbiota modulates gluten-induced immunopathology in humanized mice. *American Journal of Pathology*, **2015**, 185, 2969-82	5.8	75
143	Human milk composition differs in healthy mothers and mothers with celiac disease. *European Journal of Nutrition*, **2015**, 54, 119-28	5.2	78

142	The HLA-DQ2 genotype selects for early intestinal microbiota composition in infants at high risk of developing coeliac disease. *Gut*, **2015**, 64, 406-17	19.2	204
141	Understanding the role of gut microbiome in metabolic disease risk. *Pediatric Research*, **2015**, 77, 236-44	3.2	79
140	Microbiome and Gluten. *Annals of Nutrition and Metabolism*, **2015**, 67 Suppl 2, 28-41	4.5	37
139	Intestinal Microbiota and Celiac Disease: Cause, Consequence or Co-Evolution?. *Nutrients*, **2015**, 7, 6900-23	3.7	116
138	Bifidobacterium pseudocatenulatum CECT 7765 Reduces Obesity-Associated Inflammation by Restoring the Lymphocyte-Macrophage Balance and Gut Microbiota Structure in High-Fat Diet-Fed Mice. *PLoS ONE*, **2015**, 10, e0126976	3.7	117
137	Protective effect of Bifidobacterium pseudocatenulatum CECT7765 against induced bacterial antigen translocation in experimental cirrhosis. *Liver International*, **2014**, 34, 850-8	7.9	34
136	Hepatic molecular responses to Bifidobacterium pseudocatenulatum CECT 7765 in a mouse model of diet-induced obesity. *Nutrition, Metabolism and Cardiovascular Diseases*, **2014**, 24, 57-64	4.5	26
135	Impaired responses to gliadin and gut microbes of immune cells from mice with altered stress-related behavior and premature immune senescence. *Journal of Neuroimmunology*, **2014**, 276, 47-57	3.5	1
134	High-protein diet modifies colonic microbiota and luminal environment but not colonocyte metabolism in the rat model: the increased luminal bulk connection. *American Journal of Physiology - Renal Physiology*, **2014**, 307, G459-70	5.1	67
133	Antibiotic exposure in pregnancy and risk of coeliac disease in offspring: a cohort study. *BMC Gastroenterology*, **2014**, 14, 75	3	27
132	Role of interleukin 10 in norfloxacin prevention of luminal free endotoxin translocation in mice with cirrhosis. *Journal of Hepatology*, **2014**, 61, 799-808	13.4	14
131	Gut microbiota-related complications in cirrhosis. *World Journal of Gastroenterology*, **2014**, 20, 15624-31	5.6	35
130	Bacteroides uniformis CECT 7771 Ameliorates Metabolic and Immunological Dysfunction in Mice with High-Fat-Diet Induced Obesity **2014**, 71-106		0
129	Microbiota, inflammation and obesity. *Advances in Experimental Medicine and Biology*, **2014**, 817, 291-317	3.6	79
128	Double-blind, randomised, placebo-controlled intervention trial to evaluate the effects of Bifidobacterium longum CECT 7347 in children with newly diagnosed coeliac disease. *British Journal of Nutrition*, **2014**, 112, 30-40	3.6	83
127	Role of Gut Microbes in Celiac Disease Risk and Pathogenesis. *Clinical Gastroenterology*, **2014**, 81-94	0	
126	Influence of breastfeeding versus formula feeding on lymphocyte subsets in infants at risk of coeliac disease: the PROFICEL study. *European Journal of Nutrition*, **2013**, 52, 637-46	5.2	11
125	Duodenal-mucosal bacteria associated with celiac disease in children. *Applied and Environmental Microbiology*, **2013**, 79, 5472-9	4.8	105

124	Understanding the role of gut microbes and probiotics in obesity: how far are we?. *Pharmacological Research*, **2013**, 69, 144-55	10.2	66
123	Bifidobacterium CECT 7765 improves metabolic and immunological alterations associated with obesity in high-fat diet-fed mice. *Obesity*, **2013**, 21, 2310-21	8	133
122	Re-print of "Intestinal luminal nitrogen metabolism: role of the gut microbiota and consequences for the host". *Pharmacological Research*, **2013**, 69, 114-26	10.2	111
121	Neoglycoconjugates of caseinomacropeptide and galactooligosaccharides modify adhesion of intestinal pathogens and inflammatory response(s) of intestinal (Caco-2) cells. *Food Research International*, **2013**, 54, 1096-1102	7	13
120	Intestinal luminal nitrogen metabolism: role of the gut microbiota and consequences for the host. *Pharmacological Research*, **2013**, 68, 95-107	10.2	253
119	Host genotype, intestinal microbiota and inflammatory disorders. *British Journal of Nutrition*, **2013**, 109 Suppl 2, S76-80	3.6	25
118	Probiotics and clinical effects: is the number what counts?. *Journal of Chemotherapy*, **2013**, 25, 193-212	2.3	41
117	Oral administration of Bifidobacterium longum CECT 7347 ameliorates gliadin-induced alterations in liver iron mobilisation. *British Journal of Nutrition*, **2013**, 110, 1828-36	3.6	13
116	Future for probiotic science in functional food and dietary supplement development. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2013**, 16, 679-87	3.8	55
115	Intestinal bacteria and probiotics: effects on the immune system and impacts on human health **2013**, 267-291		3
114	Influence of early environmental factors on lymphocyte subsets and gut microbiota in infants at risk of celiac disease; the PROFICEL study. *Nutricion Hospitalaria*, **2013**, 28, 464-73	1	21
113	Increased bacterial translocation in gluten-sensitive mice is independent of small intestinal paracellular permeability defect. *Digestive Diseases and Sciences*, **2012**, 57, 38-47	4	20
112	Oral administration of Bifidobacterium longum CECT 7347 modulates jejunal proteome in an in vivo gliadin-induced enteropathy animal model. *Journal of Proteomics*, **2012**, 77, 310-20	3.9	21
111	Influence of Added Enzymes and Bran Particle Size on Bread Quality and Iron Availability. *Cereal Chemistry*, **2012**, 89, 223-229	2.4	13
110	Discerning the role of Bacteroides fragilis in celiac disease pathogenesis. *Applied and Environmental Microbiology*, **2012**, 78, 6507-15	4.8	64
109	Assessment of iron bioavailability in whole wheat bread by addition of phytase-producing bifidobacteria. *Journal of Agricultural and Food Chemistry*, **2012**, 60, 3190-5	5.7	26
108	Health claims in Europe: probiotics and prebiotics as case examples. *Annual Review of Food Science and Technology*, **2012**, 3, 247-61	14.7	59
107	Bifidobacterium longum CECT 7347 modulates immune responses in a gliadin-induced enteropathy animal model. *PLoS ONE*, **2012**, 7, e30744	3.7	92

106	Influence of milk-feeding type and genetic risk of developing coeliac disease on intestinal microbiota of infants: the PROFICEL study. *PLoS ONE*, **2012**, 7, e30791	3.7	102
105	Commensal and probiotic bacteria influence intestinal barrier function and susceptibility to colitis in Nod1-/-; Nod2-/- mice. *Inflammatory Bowel Diseases*, **2012**, 18, 1434-46	4.5	101
104	Bread supplemented with amaranth (Amaranthus cruentus): effect of phytates on in vitro iron absorption. *Plant Foods for Human Nutrition*, **2012**, 67, 50-6	3.9	40
103	Electrospinning as a useful technique for the encapsulation of living bifidobacteria in food hydrocolloids. *Food Hydrocolloids*, **2012**, 28, 159-167	10.6	171
102	Immune development and intestinal microbiota in celiac disease. *Clinical and Developmental Immunology*, **2012**, 2012, 654143		50
101	Bacteroides uniformis CECT 7771 ameliorates metabolic and immunological dysfunction in mice with high-fat-diet induced obesity. *PLoS ONE*, **2012**, 7, e41079	3.7	215
100	Modulation of phenotypic and functional maturation of dendritic cells by intestinal bacteria and gliadin: relevance for celiac disease. *Journal of Leukocyte Biology*, **2012**, 92, 1043-54	6.5	43
99	Intestinal Staphylococcus spp. and virulent features associated with coeliac disease. *Journal of Clinical Pathology*, **2012**, 65, 830-4	3.9	48
98	Unraveling the ties between celiac disease and intestinal microbiota. *International Reviews of Immunology*, **2011**, 30, 207-18	4.6	109
97	Prebiotic potential of a refined product containing pectic oligosaccharides. *LWT - Food Science and Technology*, **2011**, 44, 1687-1696	5.4	69
96	Gut microbiota dysbiosis is associated with inflammation and bacterial translocation in mice with CCl4-induced fibrosis. *PLoS ONE*, **2011**, 6, e23037	3.7	92
95	Influence of Bifidobacterium longum CECT 7347 and gliadin peptides on intestinal epithelial cell proteome. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 7666-71	5.7	28
94	Gut microbiota and probiotics in maternal and infant health. *American Journal of Clinical Nutrition*, **2011**, 94, 2000S-2005S	7	69
93	Maillard-type glycoconjugates from dairy proteins inhibit adhesion of Escherichia coli to mucin. *Food Chemistry*, **2011**, 129, 1435-1443	8.5	14
92	Influence of environmental and genetic factors linked to celiac disease risk on infant gut colonization by Bacteroides species. *Applied and Environmental Microbiology*, **2011**, 77, 5316-23	4.8	98
91	Immunostimulatory effect of faecal Bifidobacterium species of breast-fed and formula-fed infants in a peripheral blood mononuclear cell/Caco-2 co-culture system. *British Journal of Nutrition*, **2011**, 106, 1216-23	3.6	34
90	Role of intestinal bacteria in gliadin-induced changes in intestinal mucosa: study in germ-free rats. *PLoS ONE*, **2011**, 6, e16169	3.7	97
89	Probiotics and Prebiotics in Metabolic Disorders and Obesity **2010**, 237-258		1

88	Effects of a gluten-free diet on gut microbiota and immune function in healthy adult humans. *Gut Microbes*, **2010**, 1, 135-7	8.8	63
87	Gut microbiota composition is associated with body weight, weight gain and biochemical parameters in pregnant women. *British Journal of Nutrition*, **2010**, 104, 83-92	3.6	577
86	Pivotal Advance: Bifidobacteria and Gram-negative bacteria differentially influence immune responses in the proinflammatory milieu of celiac disease. *Journal of Leukocyte Biology*, **2010**, 87, 765-78	6.5	65
85	Intestinal Bacteroides species associated with coeliac disease. *Journal of Clinical Pathology*, **2010**, 63, 1105-11	3.9	64
84	Dietary glycosaminoglycans interfere in bacterial adhesion and gliadin-induced pro-inflammatory response in intestinal epithelial (Caco-2) cells. *International Journal of Biological Macromolecules*, **2010**, 47, 458-64	7.9	10
83	Interactions of gut microbiota with functional food components and nutraceuticals. *Pharmacological Research*, **2010**, 61, 219-25	10.2	407
82	Gut microbiota in obesity and metabolic disorders. *Proceedings of the Nutrition Society*, **2010**, 69, 434-41	2.9	179
81	Bifidobacteria inhibit the inflammatory response induced by gliadins in intestinal epithelial cells via modifications of toxic peptide generation during digestion. *Journal of Cellular Biochemistry*, **2010**, 109, 801-7	4.7	86
80	Dietary strategies of immunomodulation in infants at risk for celiac disease. *Proceedings of the Nutrition Society*, **2010**, 69, 347-53	2.9	8
79	Intestinal dysbiosis and reduced immunoglobulin-coated bacteria associated with coeliac disease in children. *BMC Microbiology*, **2010**, 10, 63	4.5	213
78	Host responses to intestinal microbial antigens in gluten-sensitive mice. *PLoS ONE*, **2009**, 4, e6472	3.7	53
77	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. *Electrophoresis*, **2009**, 30, 949-56	3.6	83
76	Shifts in clostridia, bacteroides and immunoglobulin-coating fecal bacteria associated with weight loss in obese adolescents. *International Journal of Obesity*, **2009**, 33, 758-67	5.5	244
75	Interplay between weight loss and gut microbiota composition in overweight adolescents. *Obesity*, **2009**, 17, 1906-15	8	321
74	Comparison of in vitro models to study bacterial adhesion to the intestinal epithelium. *Letters in Applied Microbiology*, **2009**, 49, 695-701	2.9	130
73	Gut microbiota and probiotics in modulation of epithelium and gut-associated lymphoid tissue function. *International Reviews of Immunology*, **2009**, 28, 397-413	4.6	53
72	Phytate reduction in bran-enriched bread by phytase-producing bifidobacteria. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 10239-44	5.7	43
71	Encapsulation of living bifidobacteria in ultrathin PVOH electrospun fibers. *Biomacromolecules*, **2009**, 10, 2823-9	6.9	143

70	Is it true that coeliacs do not digest gliadin? Degradation pattern of gliadin in coeliac disease small intestinal mucosa. *Gut*, **2009**, 58, 886-7	19.2	26
69	Effects of a gluten-free diet on gut microbiota and immune function in healthy adult human subjects. *British Journal of Nutrition*, **2009**, 102, 1154-60	3.6	207
68	Specific duodenal and faecal bacterial groups associated with paediatric coeliac disease. *Journal of Clinical Pathology*, **2009**, 62, 264-9	3.9	241
67	The impact of probiotic on gut health. *Current Drug Metabolism*, **2009**, 10, 68-78	3.5	158
66	Novel perspectives in celiac disease therapy. *Mini-Reviews in Medicinal Chemistry*, **2009**, 9, 359-67	3.2	14
65	Applying Reinforcement Learning to Multi-robot System Behavior Coordination. *Lecture Notes in Computer Science*, **2009**, 413-420	0.9	
64	Imbalances in faecal and duodenal Bifidobacterium species composition in active and non-active coeliac disease. *BMC Microbiology*, **2008**, 8, 232	4.5	138
63	Selection of phytate-degrading human bifidobacteria and application in whole wheat dough fermentation. *Food Microbiology*, **2008**, 25, 169-76	6	38
62	Purification and characterisation of proteases A and D from Debaryomyces hansenii. *International Journal of Food Microbiology*, **2008**, 124, 135-41	5.8	20
61	Applying Reinforcement Learning to Multi-robot Team Coordination. *Lecture Notes in Computer Science*, **2008**, 625-632	0.9	3
60	Selection of lactic acid bacteria with high phytate degrading activity for application in whole wheat breadmaking. *LWT - Food Science and Technology*, **2008**, 41, 82-92	5.4	52
59	Insights into the roles of gut microbes in obesity. *Interdisciplinary Perspectives on Infectious Diseases* , **2008**, 2008, 829101	1.7	28
58	Phytate degradation by Bifidobacterium on whole wheat fermentation. *European Food Research and Technology*, **2008**, 226, 825-831	3.4	16
57	Resistance to simulated gastrointestinal conditions and adhesion to mucus as probiotic criteria for Bifidobacterium longum strains. *Current Microbiology*, **2008**, 56, 613-8	2.4	55
56	Reduced diversity and increased virulence-gene carriage in intestinal enterobacteria of coeliac children. *BMC Gastroenterology*, **2008**, 8, 50	3	55
55	Bifidobacterium strains suppress in vitro the pro-inflammatory milieu triggered by the large intestinal microbiota of coeliac patients. *Journal of Inflammation*, **2008**, 5, 19	6.7	77
54	Characterization of the gastrointestinal mucosa-associated microbiota of pigs and chickens using culture-based and molecular methodologies. *Journal of Food Protection*, **2007**, 70, 2799-804	2.5	20
53	Probiotics as drugs against human gastrointestinal infections. *Recent Patents on Anti-infective Drug Discovery*, **2007**, 2, 148-56	1.6	60

52	Differential immunomodulatory properties of Bifidobacterium logum strains: relevance to probiotic selection and clinical applications. *Clinical and Experimental Immunology*, **2007**, 150, 531-8	6.2	161
51	Induction of acid resistance in Bifidobacterium: a mechanism for improving desirable traits of potentially probiotic strains. *Journal of Applied Microbiology*, **2007**, 103, 1147-57	4.7	47
50	Differences in faecal bacterial communities in coeliac and healthy children as detected by PCR and denaturing gradient gel electrophoresis. *FEMS Immunology and Medical Microbiology*, **2007**, 51, 562-8		112
49	Myo-inositol hexakisphosphate degradation by Bifidobacterium infantis ATCC 15697. *International Journal of Food Microbiology*, **2007**, 117, 76-84	5.8	39
48	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. *Veterinary Microbiology*, **2007**, 121, 299-306	3.3	42
47	Imbalance in the composition of the duodenal microbiota of children with coeliac disease. *Journal of Medical Microbiology*, **2007**, 56, 1669-1674	3.2	282
46	Aminopeptidases **2007**, 243-260		8
45	Low-pH adaptation and the acid tolerance response of Bifidobacterium longum biotype longum. *Applied and Environmental Microbiology*, **2007**, 73, 6450-9	4.8	149
44	Ecological and functional implications of the acid-adaptation ability of Bifidobacterium: A way of selecting improved probiotic strains. *International Dairy Journal*, **2007**, 17, 1284-1289	3.5	55
43	Differences between the fecal microbiota of coeliac infants and healthy controls. *Current Issues in Intestinal Microbiology*, **2007**, 8, 9-14		84
42	Protease (PrA and PrB) and prolyl and arginyl aminopeptidase activities from Debaryomyces hansenii as a function of growth phase and nutrient sources. *International Journal of Food Microbiology*, **2006**, 107, 20-6	5.8	7
41	Protease and esterase activity of staphylococci. *International Journal of Food Microbiology*, **2006**, 112, 223-9	5.8	29
40	Sensory improvement of dry-fermented sausages by the addition of cell-free extracts from Debaryomyces hansenii and Lactobacillus sakei. *Meat Science*, **2006**, 72, 457-66	6.4	48
39	Method for direct selection of potentially probiotic Bifidobacterium strains from human feces based on their acid-adaptation ability. *Journal of Microbiological Methods*, **2006**, 66, 560-3	2.8	38
38	Adhesion properties and competitive pathogen exclusion ability of bifidobacteria with acquired acid resistance. *Journal of Food Protection*, **2006**, 69, 1675-9	2.5	60
37	Application of Bifidobacterium strains to the breadmaking process. *Process Biochemistry*, **2006**, 41, 2434-2440	2.8	15
36	Antimicrobial peptides are among the antagonistic metabolites produced by Bifidobacterium against Helicobacter pylori. *International Journal of Antimicrobial Agents*, **2005**, 25, 385-91	14.3	76
35	Transformation of organoarsenical species by the microflora of freshwater crayfish. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 10297-305	5.7	14

34	Phytase activity as a novel metabolic feature in Bifidobacterium. *FEMS Microbiology Letters*, **2005**, 247, 231-9	2.9	44
33	Characterization of an acid phosphatase from Lactobacillus pentosus: regulation and biochemical properties. *Journal of Applied Microbiology*, **2005**, 98, 229-37	4.7	57
32	Protease B from Debaryomyces hansenii: purification and biochemical properties. *International Journal of Food Microbiology*, **2005**, 98, 167-77	5.8	16
31	Production of bacteriocin-like inhibitory compounds by human fecal Bifidobacterium strains. *Journal of Food Protection*, **2005**, 68, 1034-40	2.5	78
30	Adhesion of selected Bifidobacterium strains to human intestinal mucus and the role of adhesion in enteropathogen exclusion. *Journal of Food Protection*, **2005**, 68, 2672-8	2.5	137
29	Two homologous oligopeptide binding protein genes (oppA) in Lactococcus lactis opp2 [corrected]. *International Journal of Food Microbiology*, **2004**, 97, 9-15	5.8	7
28	PCR-based fingerprinting techniques for rapid detection of animal species in meat products. *Meat Science*, **2004**, 66, 659-65	6.4	72
27	Purification and properties of an arginyl aminopeptidase from Debaryomyces hansenii. *International Journal of Food Microbiology*, **2003**, 86, 141-51	5.8	42
26	Specificity of the second binding protein of the peptide ABC-transporter (Dpp) of Lactococcus lactis IL1403. *FEMS Microbiology Letters*, **2003**, 227, 33-8	2.9	19
25	Purification and characterization of a prolyl aminopeptidase from Debaryomyces hansenii. *Applied and Environmental Microbiology*, **2003**, 69, 227-32	4.8	52
24	Purification and characterization of an arginine aminopeptidase from Lactobacillus sakei. *Applied and Environmental Microbiology*, **2002**, 68, 1980-7	4.8	48
23	Genetic and functional characterization of dpp genes encoding a dipeptide transport system in Lactococcus lactis. *Archives of Microbiology*, **2001**, 175, 334-43	3	29
22	Hydrolysis of pork muscle sarcoplasmic proteins by Debaryomyces hansenii. *International Journal of Food Microbiology*, **2001**, 68, 199-206	5.8	50
21	Purification and characterization of an X-prolyl-dipeptidyl peptidase from Lactobacillus sakei. *Applied and Environmental Microbiology*, **2001**, 67, 1815-20	4.8	45
20	Meat Fermentation Technology **2001**,		11
19	Kinetics and structural requirements for the binding protein of the Di-tripeptide transport system of Lactococcus lactis. *Biochemistry*, **2000**, 39, 4855-62	3.2	16
18	Hydrolysis of muscle myofibrillar proteins by Lactobacillus curvatus and Lactobacillus sake. *International Journal of Food Microbiology*, **1999**, 53, 115-25	5.8	89
17	Hydrolytic action of Lactobacillus casei CRL 705 on pork muscle sarcoplasmic and myofibrillar proteins. *Journal of Agricultural and Food Chemistry*, **1999**, 47, 3441-8	5.7	57

16	Hydrolysis of pork muscle sarcoplasmic proteins by lactobacillus curvatus and lactobacillus sake. *Applied and Environmental Microbiology*, **1999**, 65, 578-84	4.8	110
15	Characterization of muscle sarcoplasmic and myofibrillar protein hydrolysis caused by Lactobacillus plantarum. *Applied and Environmental Microbiology*, **1999**, 65, 3540-6	4.8	82
14	Effect of nitrate and nitrite curing salts on microbial changes and sensory quality of non-fermented sausages. *International Journal of Food Microbiology*, **1998**, 42, 213-7	5.8	15
13	Characterization of Lactobacillus sake isolates from dry-cured sausages by restriction fragment length polymorphism analysis of the 16S rRNA gene. *Journal of Applied Microbiology*, **1998**, 84, 600-6	4.7	23
12	Purification and Characterization of a Tripeptidase from Lactobacillus sake. *Journal of Agricultural and Food Chemistry*, **1998**, 46, 349-353	5.7	45
11	Contribution of muscle and microbial aminopeptidases to flavor development in dry-cured meat products. *Developments in Food Science*, **1998**, 40, 547-557		6
10	Myoglobin as an inhibitor of exopeptidases from lactobacillus sake. *Applied and Environmental Microbiology*, **1998**, 64, 2313-4	4.8	6
9	Purification and Characterization of an Aminopeptidase from Lactobacillus sake. *Journal of Agricultural and Food Chemistry*, **1997**, 45, 1552-1558	5.7	51
8	Simple, Sensitive Assay for Microbial Aminopeptidase. *Journal of Food Science*, **1997**, 62, 583-585	3.4	1
7	Aminopeptidase Activities from Lactobacillus sake in Models of Curing Ingredients and Processing Conditions for Dry Sausage. *Journal of Food Science*, **1997**, 62, 1211-1234	3.4	18
6	Polyamines Affect Activity of Aminopeptidases from Lactobacillus sake. *Journal of Food Science*, **1997**, 62, 870-872	3.4	3
5	Effect of pre-ripening on microbial and chemical changes in dry fermented sausages. *Food Microbiology*, **1997**, 14, 575-582	6	28
4	Dry-cured ham flavour: enzymatic generation and process influence. *Food Chemistry*, **1997**, 59, 523-530	8.5	180
3	Probiotics: Benefits in Human Health and Bacterial Disease Management275-295		
2	Multi-locus and long amplicon sequencing approach to study microbial diversity at species level using the MinION□portable nanopore sequencer		1
1	Strand-wise and bait-assisted assembly of nearly-fullrrnoperons applied to assess species engraftment after faecal microbiota transplantation		3