

Borja Sanchez

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7855207/borja-sanchez-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

140
papers

6,911
citations

44
h-index

80
g-index

144
ext. papers

8,567
ext. citations

5.2
avg, IF

6
L-index

#	Paper	IF	Citations
140	Probiotics, gut microbiota, and their influence on host health and disease. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600240	5.9	442
139	Intestinal dysbiosis associated with systemic lupus erythematosus. <i>MBio</i> , 2014 , 5, e01548-14	7.8	309
138	Antibiotic resistance in probiotic bacteria. <i>Frontiers in Microbiology</i> , 2013 , 4, 202	5.7	273
137	Genome analysis of Bifidobacterium bifidum PRL2010 reveals metabolic pathways for host-derived glycan foraging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 19514-9	11.5	266
136	Intestinal microbiota development in preterm neonates and effect of perinatal antibiotics. <i>Journal of Pediatrics</i> , 2015 , 166, 538-44	3.6	250
135	Bile resistance mechanisms in Lactobacillus and Bifidobacterium. <i>Frontiers in Microbiology</i> , 2013 , 4, 396	5.7	242
134	Assessing the fecal microbiota: an optimized ion torrent 16S rRNA gene-based analysis protocol. <i>PLoS ONE</i> , 2013 , 8, e68739	3.7	205
133	Role of sortase-dependent pili of Bifidobacterium bifidum PRL2010 in modulating bacterium-host interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 11151-6	11.5	172
132	Bifidobacteria exhibit social behavior through carbohydrate resource sharing in the gut. <i>Scientific Reports</i> , 2015 , 5, 15782	4.9	168
131	Genomic encyclopedia of type strains of the genus Bifidobacterium. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 6290-302	4.8	162
130	Proteomic analysis of global changes in protein expression during bile salt exposure of Bifidobacterium longum NCIMB 8809. <i>Journal of Bacteriology</i> , 2005 , 187, 5799-808	3.5	155
129	Low-pH adaptation and the acid tolerance response of Bifidobacterium longum biotype longum. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 6450-9	4.8	149
128	Extracellular proteins secreted by probiotic bacteria as mediators of effects that promote mucosa-bacteria interactions. <i>Microbiology (United Kingdom)</i> , 2010 , 156, 3232-3242	2.9	132
127	Bifidobacteria and Their Health-Promoting Effects. <i>Microbiology Spectrum</i> , 2017 , 5,	8.9	126
126	Genomic overview and biological functions of exopolysaccharide biosynthesis in Bifidobacterium spp. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 9-18	4.8	126
125	Bifidobacteria and Their Molecular Communication with the Immune System. <i>Frontiers in Microbiology</i> , 2017 , 8, 2345	5.7	125
124	Th17 responses and natural IgM antibodies are related to gut microbiota composition in systemic lupus erythematosus patients. <i>Scientific Reports</i> , 2016 , 6, 24072	4.9	123

123	Effect of the adaptation to high bile salts concentrations on glycosidic activity, survival at low PH and cross-resistance to bile salts in Bifidobacterium. <i>International Journal of Food Microbiology</i> , 2004 , 94, 79-86	5.8	102
122	Exported proteins in probiotic bacteria: adhesion to intestinal surfaces, host immunomodulation and molecular cross-talking with the host. <i>FEMS Immunology and Medical Microbiology</i> , 2008 , 54, 1-17		101
121	Adaptation and response of Bifidobacterium animalis subsp. lactis to bile: a proteomic and physiological approach. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 6757-67	4.8	101
120	Intestinal Bacteria Interplay With Bile and Cholesterol Metabolism: Implications on Host Physiology. <i>Frontiers in Physiology</i> , 2019 , 10, 185	4.6	96
119	Bifidobacterium asteroides PRL2011 genome analysis reveals clues for colonization of the insect gut. <i>PLoS ONE</i> , 2012 , 7, e44229	3.7	91
118	Evaluation of the functional potential of Weissella and Lactobacillus isolates obtained from Nigerian traditional fermented foods and cow's intestine. <i>International Journal of Food Microbiology</i> , 2011 , 147, 97-104	5.8	87
117	Impact of Prematurity and Perinatal Antibiotics on the Developing Intestinal Microbiota: A Functional Inference Study. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	81
116	How do bifidobacteria counteract environmental challenges? Mechanisms involved and physiological consequences. <i>Genes and Nutrition</i> , 2011 , 6, 307-18	4.3	76
115	Role of extracellular transaldolase from Bifidobacterium bifidum in mucin adhesion and aggregation. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 3992-8	4.8	76
114	The F1F0-ATPase of Bifidobacterium animalis is involved in bile tolerance. <i>Environmental Microbiology</i> , 2006 , 8, 1825-33	5.2	73
113	Evaluation of genetic diversity among strains of the human gut commensal Bifidobacterium adolescentis. <i>Scientific Reports</i> , 2016 , 6, 23971	4.9	70
112	Cell envelope changes in Bifidobacterium animalis ssp. lactis as a response to bile. <i>FEMS Microbiology Letters</i> , 2007 , 274, 316-22	2.9	68
111	The cell-envelope proteome of Bifidobacterium longum in an in vitro bile environment. <i>Microbiology (United Kingdom)</i> , 2009 , 155, 957-967	2.9	67
110	Identification of surface proteins involved in the adhesion of a probiotic Bacillus cereus strain to mucin and fibronectin. <i>Microbiology (United Kingdom)</i> , 2009 , 155, 1708-1716	2.9	65
109	Microbiota/host crosstalk biomarkers: regulatory response of human intestinal dendritic cells exposed to Lactobacillus extracellular encrypted peptide. <i>PLoS ONE</i> , 2012 , 7, e36262	3.7	63
108	Inside the adaptation process of Lactobacillus delbrueckii subsp. lactis to bile. <i>International Journal of Food Microbiology</i> , 2010 , 142, 132-41	5.8	62
107	Allergic Patients with Long-Term Asthma Display Low Levels of Bifidobacterium adolescentis. <i>PLoS ONE</i> , 2016 , 11, e0147809	3.7	62
106	Insights from genomes of representatives of the human gut commensal Bifidobacterium bifidum. <i>Environmental Microbiology</i> , 2015 , 17, 2515-31	5.2	61

105	Molecular Players Involved in the Interaction Between Beneficial Bacteria and the Immune System. <i>Frontiers in Microbiology</i> , 2015 , 6, 1285	5.7	60
104	Characterisation of a Bifidobacterium strain with acquired resistance to cholera--a preliminary study. <i>International Journal of Food Microbiology</i> , 2003 , 82, 191-8	5.8	59
103	Ranking the impact of human health disorders on gut metabolism: systemic lupus erythematosus and obesity as study cases. <i>Scientific Reports</i> , 2015 , 5, 8310	4.9	56
102	Intestinal Dysbiosis Is Associated with Altered Short-Chain Fatty Acids and Serum-Free Fatty Acids in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2017 , 8, 23	8.4	53
101	Altered human gut dendritic cell properties in ulcerative colitis are reversed by <i>Lactobacillus plantarum</i> extracellular encrypted peptide STp. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1132-43	5.9	49
100	Association of polyphenols from oranges and apples with specific intestinal microorganisms in systemic lupus erythematosus patients. <i>Nutrients</i> , 2015 , 7, 1301-17	6.7	47
99	Treg-inducing membrane vesicles from <i>Bifidobacterium bifidum</i> LMG13195 as potential adjuvants in immunotherapy. <i>Vaccine</i> , 2012 , 30, 825-9	4.1	47
98	Factors involved in the colonization and survival of bifidobacteria in the gastrointestinal tract. <i>FEMS Microbiology Letters</i> , 2013 , 340, 1-10	2.9	46
97	Interaction of <i>Bifidobacterium bifidum</i> LMG13195 with HT29 cells influences regulatory-T-cell-associated chemokine receptor expression. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 2850-7	4.8	46
96	Probiotic fermented milks: Present and future. <i>International Journal of Dairy Technology</i> , 2009 , 62, 472-483	3.7	44
95	Adaptation of bifidobacteria to the gastrointestinal tract and functional consequences. <i>Pharmacological Research</i> , 2013 , 69, 127-36	10.2	43
94	The human gallbladder microbiome is related to the physiological state and the biliary metabolic profile. <i>Microbiome</i> , 2019 , 7, 100	16.6	42
93	From amino acid sequence to bioactivity: The biomedical potential of antitumor peptides. <i>Protein Science</i> , 2016 , 25, 1084-95	6.3	42
92	Evidence for cholesterol-lowering activity by <i>Bifidobacterium bifidum</i> PRL2010 through gut microbiota modulation. <i>Applied Microbiology and Biotechnology</i> , 2015 , 99, 6813-29	5.7	41
91	Technological and probiotic selection criteria of a bile-adapted <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> strain. <i>International Dairy Journal</i> , 2010 , 20, 800-805	3.5	41
90	Bile acid-microbiota crosstalk in gastrointestinal inflammation and carcinogenesis: a role for bifidobacteria and lactobacilli?. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018 , 15, 205	24.2	39
89	Identification of novel proteins secreted by <i>Lactobacillus rhamnosus</i> GG grown in de Mann-Rogosa-Sharpe broth. <i>Letters in Applied Microbiology</i> , 2009 , 48, 618-22	2.9	39
88	Molecules Produced by Probiotics and Intestinal Microorganisms with Immunomodulatory Activity. <i>Nutrients</i> , 2020 , 12,	6.7	39

87	Identification of novel proteins secreted by <i>Lactobacillus plantarum</i> that bind to mucin and fibronectin. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2009 , 17, 158-62	0.9	38
86	Proteomics of stress response in <i>Bifidobacterium</i> . <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 6905-19	2.8	38
85	Characterization and Exploitation of CRISPR Loci in. <i>Frontiers in Microbiology</i> , 2017 , 8, 1851	5.7	35
84	Coculture of <i>Bifidobacterium longum</i> and <i>Bifidobacterium breve</i> alters their protein expression profiles and enzymatic activities. <i>International Journal of Food Microbiology</i> , 2009 , 133, 148-53	5.8	35
83	Toward improving technological and functional properties of probiotics in foods. <i>Trends in Food Science and Technology</i> , 2012 , 26, 56-63	15.3	34
82	A single mutation in the gene responsible for the mucoid phenotype of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> confers surface and functional characteristics. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 7960-8	4.8	33
81	Tackling probiotic and gut microbiota functionality through proteomics. <i>Journal of Proteomics</i> , 2016 , 147, 28-39	3.9	33
80	Extracellular molecular effectors mediating probiotic attributes. <i>FEMS Microbiology Letters</i> , 2014 , 359, 1-11	2.9	33
79	Intestinal dysbiosis in systemic lupus erythematosus: cause or consequence?. <i>Current Opinion in Rheumatology</i> , 2016 , 28, 515-22	5.3	32
78	Different metabolic features of <i>Bacteroides fragilis</i> growing in the presence of glucose and exopolysaccharides of bifidobacteria. <i>Frontiers in Microbiology</i> , 2015 , 6, 825	5.7	32
77	<i>Lactobacillus plantarum</i> extracellular chitin-binding protein and its role in the interaction between chitin, Caco-2 cells, and mucin. <i>Applied and Environmental Microbiology</i> , 2011 , 77, 1123-6	4.8	31
76	Molecular clues to understand the aerotolerance phenotype of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Applied and Environmental Microbiology</i> , 2012 , 78, 644-50	4.8	31
75	Catabolism of glucose and lactose in <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> , studied by ¹³ C Nuclear Magnetic Resonance. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 7628-38	4.8	29
74	Characterization of the adherence properties of human <i>Lactobacilli</i> strains to be used as vaginal probiotics. <i>FEMS Microbiology Letters</i> , 2012 , 328, 166-73	2.9	29
73	A preliminary analysis of <i>Bifidobacterium longum</i> exported proteins by two-dimensional electrophoresis. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2008 , 14, 74-9	0.9	29
72	Selection of a <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> strain with a decreased ability to produce acetic acid. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 3338-42	4.8	28
71	Bacterial and eukaryotic phosphoketolases: phylogeny, distribution and evolution. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2010 , 18, 37-51	0.9	28
70	Application of density gradient for the isolation of the fecal microbial stool component and the potential use thereof. <i>Scientific Reports</i> , 2015 , 5, 16807	4.9	27

69	Characterization of the bile and gall bladder microbiota of healthy pigs. <i>MicrobiologyOpen</i> , 2014 , 3, 937-944	26
68	Omics for the study of probiotic microorganisms. <i>Food Research International</i> , 2013 , 54, 1061-1071	7 26
67	Identification of surface-associated proteins in the probiotic bacterium <i>Lactobacillus rhamnosus</i> GG. <i>International Dairy Journal</i> , 2009 , 19, 85-88	3.5 26
66	Proteinaceous Molecules Mediating <i>Bifidobacterium</i> -Host Interactions. <i>Frontiers in Microbiology</i> , 2016 , 7, 1193	5.7 26
65	Identification and molecular characterization of oat peptides implicated on coeliac immune response. <i>Food and Nutrition Research</i> , 2016 , 60, 30324	3.1 26
64	MAHMI database: a comprehensive MetaHit-based resource for the study of the mechanism of action of the human microbiota. <i>Database: the Journal of Biological Databases and Curation</i> , 2017 , 2017,	5 24
63	Phenolic compounds from red wine and coffee are associated with specific intestinal microorganisms in allergic subjects. <i>Food and Function</i> , 2016 , 7, 104-9	6.1 23
62	An extracellular Serine/Threonine-rich protein from <i>Lactobacillus plantarum</i> NCIMB 8826 is a novel aggregation-promoting factor with affinity to mucin. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 6059-66	4.8 23
61	Interaction of Intestinal Microorganisms with the Human Host in the Framework of Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2015 , 6, 594	8.4 21
60	A method for the identification of proteins secreted by lactic acid bacteria grown in complex media. <i>FEMS Microbiology Letters</i> , 2009 , 295, 226-9	2.9 20
59	The effects of <i>Bifidobacterium breve</i> on immune mediators and proteome of HT29 cells monolayers. <i>BioMed Research International</i> , 2015 , 2015, 479140	3 19
58	A flagellin-producing <i>Lactococcus</i> strain: interactions with mucin and enteropathogens. <i>FEMS Microbiology Letters</i> , 2011 , 318, 101-7	2.9 19
57	Insights into the ropy phenotype of the exopolysaccharide-producing strain <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> A1dOxR. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 3870-4	4.8 18
56	Adhesive properties, extracellular protein production, and metabolism in the <i>Lactobacillus rhamnosus</i> GG strain when grown in the presence of mucin. <i>Journal of Microbiology and Biotechnology</i> , 2010 , 20, 978-84	3.3 18
55	Enhancing probiotic stability in industrial processes. <i>Microbial Ecology in Health and Disease</i> , 2012 , 23,	17
54	Immunomodulatory Effect of Gut Microbiota-Derived Bioactive Peptides on Human Immune System from Healthy Controls and Patients with Inflammatory Bowel Disease. <i>Nutrients</i> , 2019 , 11,	6.7 15
53	Assessment of stress tolerance acquisition in the heat-tolerant derivative strains of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> BB-12 and <i>Lactobacillus rhamnosus</i> GG. <i>Journal of Applied Microbiology</i> , 2014 , 117, 239-48	4.7 15
52	Association of levels of antibodies from patients with inflammatory bowel disease with extracellular proteins of food and probiotic bacteria. <i>BioMed Research International</i> , 2014 , 2014, 351204 ³	15

51	A proteomic approach to cold acclimation of <i>Staphylococcus aureus</i> CECT 976 grown at room and human body temperatures. <i>International Journal of Food Microbiology</i> , 2010 , 144, 160-8	5.8	15
50	Screening of the Human Gut Metaproteome Identifies Th17-Promoting Peptides Encrypted in Proteins of Commensal Bacteria. <i>Frontiers in Microbiology</i> , 2017 , 8, 1726	5.7	14
49	Filling the gap between collection, transport and storage of the human gut microbiota. <i>Scientific Reports</i> , 2019 , 9, 8327	4.9	13
48	Effect of iron on the probiotic properties of the vaginal isolate <i>Lactobacillus jensenii</i> CECT 4306. <i>Microbiology (United Kingdom)</i> , 2015 , 161, 708-18	2.9	13
47	Extracellular proteins from <i>Lactobacillus plantarum</i> BMCM12 prevent adhesion of enteropathogens to mucin. <i>Current Microbiology</i> , 2012 , 64, 592-6	2.4	12
46	Molecular and technological insights into the aerotolerance of anaerobic probiotics: examples from bifidobacteria. <i>Current Opinion in Food Science</i> , 2017 , 14, 110-115	9.8	11
45	Bioactive compounds from regular diet and faecal microbial metabolites. <i>European Journal of Nutrition</i> , 2018 , 57, 487-497	5.2	11
44	Genome sequence of the Antarctic psychrophile bacterium <i>Planococcus antarcticus</i> DSM 14505. <i>Journal of Bacteriology</i> , 2012 , 194, 4465	3.5	11
43	Bifidobacteria and Their Health-Promoting Effects 2018 , 73-98		11
42	Acquired resistance to bile increases fructose-6-phosphate phosphoketolase activity in <i>Bifidobacterium</i> . <i>FEMS Microbiology Letters</i> , 2004 , 235, 35-41	2.9	10
41	Genome sequence of <i>Parascardovia denticolens</i> IPLA 20019, isolated from human breast milk. <i>Journal of Bacteriology</i> , 2012 , 194, 4776-7	3.5	9
40	Proteomic profile of extracellular vesicles released by <i>Lactiplantibacillus plantarum</i> BGAN8 and their internalization by non-polarized HT29 cell line. <i>Scientific Reports</i> , 2020 , 10, 21829	4.9	9
39	A Metabolomics Approach Reveals Immunomodulatory Effects of Proteinaceous Molecules Derived From Gut Bacteria Over Human Peripheral Blood Mononuclear Cells. <i>Frontiers in Microbiology</i> , 2018 , 9, 2701	5.7	9
38	Human cecum content modulates production of extracellular proteins by food and probiotic bacteria. <i>FEMS Microbiology Letters</i> , 2011 , 324, 189-94	2.9	8
37	Peptides encrypted in the human intestinal microbial-exoproteome as novel biomarkers and immunomodulatory compounds in the gastrointestinal tract. <i>Journal of Functional Foods</i> , 2019 , 52, 459-468	5.1	8
36	Resources and tools for the high-throughput, multi-omic study of intestinal microbiota. <i>Briefings in Bioinformatics</i> , 2019 , 20, 1032-1056	13.4	8
35	BlasterJS: A novel interactive JavaScript visualisation component for BLAST alignment results. <i>PLoS ONE</i> , 2018 , 13, e0205286	3.7	8
34	Effect of acquired resistance to bile salts on enzymatic activities involved in the utilisation of carbohydrates by bifidobacteria. An overview. <i>Dairy Science and Technology</i> , 2005 , 85, 113-123		7

33	The role of gut microbiota in lupus: what we know in 2018?. <i>Expert Review of Clinical Immunology</i> , 2018 , 14, 787-792	5.1	7
32	In silico prediction reveals the existence of potential bioactive neuropeptides produced by the human gut microbiota. <i>Food Research International</i> , 2019 , 119, 221-226	7	6
31	DEWE: A novel tool for executing differential expression RNA-Seq workflows in biomedical research. <i>Computers in Biology and Medicine</i> , 2019 , 107, 197-205	7	6
30	Microbiota and oxidant-antioxidant balance in systemic lupus erythematosus. <i>Nutricion Hospitalaria</i> , 2017 , 34, 934-941	1	6
29	Role of lactic acid bacteria in fermented vegetables. <i>Grasas Y Aceites</i> , 2020 , 71, 358	1.3	6
28	Metataxonomic analysis of the bacterial diversity in table olive dressing components. <i>Food Control</i> , 2019 , 105, 190-197	6.2	5
27	A proteomic approach towards understanding the cross talk between <i>Bacteroides fragilis</i> and <i>Bifidobacterium longum</i> in coculture. <i>Canadian Journal of Microbiology</i> , 2016 , 62, 623-8	3.2	5
26	Biological Activities and Applications of Bifidobacterial Exopolysaccharides: From the Bacteria and Host Perspective 2018 , 177-193		4
25	Co-culture affects protein profile and heat tolerance of <i>Lactobacillus delbrueckii</i> subsp. <i>lactis</i> and <i>Bifidobacterium longum</i> . <i>Food Research International</i> , 2013 , 54, 1080-1083	7	4
24	Some immunomodulatory effects of probiotic bacteria might be due to porcine neutrophil elastase inhibitor, a serpin present in MRS broth. <i>Immunology Letters</i> , 2009 , 122, 99-100	4.1	4
23	Revisiting the Metabolic Capabilities of susbp. and subsp. from a Glycoside Hydrolase Perspective. <i>Microorganisms</i> , 2020 , 8,	4.9	3
22	A peptidome-based phylogeny pipeline reveals differential peptides at the strain level within <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> . <i>Food Microbiology</i> , 2016 , 60, 137-41	6	3
21	Approach for Unveiling the Glycoside Hydrolase Activities in Through a Systematic and Integrative Large-Scale Analysis. <i>Frontiers in Microbiology</i> , 2019 , 10, 517	5.7	3
20	Human colon-derived soluble factors modulate gut microbiota composition. <i>Frontiers in Oncology</i> , 2015 , 5, 86	5.3	3
19	Improving Phylogeny Reconstruction at the Strain Level Using Peptidome Datasets. <i>PLoS Computational Biology</i> , 2016 , 12, e1005271	5	3
18	Metabolomics Insights of the Immunomodulatory Activities of Phlorizin and Phloretin on Human THP-1 Macrophages. <i>Molecules</i> , 2021 , 26,	4.8	3
17	In silico and functional analyses of immunomodulatory peptides encrypted in the human gut metaproteome. <i>Journal of Functional Foods</i> , 2020 , 70, 103969	5.1	2
16	Whole fractions from probiotic bacteria induce in vitro Th17 responses in human peripheral blood mononuclear cells. <i>Journal of Functional Foods</i> , 2018 , 48, 367-373	5.1	2

15	Genome sequence of the immunomodulatory strain Bifidobacterium bifidum LMG 13195. <i>Journal of Bacteriology</i> , 2012 , 194, 6997	3.5	2
14	Release of potential pro-inflammatory peptides from SARS-CoV-2 spike glycoproteins in neutrophil-extracellular traps		2
13	The extracellular proteins of Lactobacillus acidophilus DSM 20079T display anti-inflammatory effect in both in piglets, healthy human donors and Crohn's Disease patients. <i>Journal of Functional Foods</i> , 2020 , 64, 103660	5.1	2
12	Cell wall hydrolase as a surface-associated protein target for the specific detection of Lactobacillus rhamnosus using flow cytometry. <i>Innovative Food Science and Emerging Technologies</i> , 2020 , 59, 102240	6.8	2
11	gen. nov., sp. nov., a bile-resistant bacterium from human bile with autolytic behavior. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	2
10	Computational prediction of the bioactivity potential of proteomes based on expert knowledge. <i>Journal of Biomedical Informatics</i> , 2019 , 91, 103121	10.2	1
9	Exopolysaccharide Producing subsp. Strains Modify the Intestinal Microbiota and the Plasmatic Cytokine Levels of BALB/c Mice According to the Type of Polymer Synthesized. <i>Frontiers in Microbiology</i> , 2020 , 11, 601233	5.7	1
8	Computational Approach to the Systematic Prediction of Glycolytic Abilities: Looking Into Human Microbiota. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , 18, 2302-2313	3	1
7	Improving Probiotics for Functional Foods 351-368		1
6	Precision modification of the human gut microbiota targeting surface-associated proteins. <i>Scientific Reports</i> , 2021 , 11, 1270	4.9	1
5	Determination of Bile Salt Hydrolase Activity in Bifidobacteria. <i>Methods in Molecular Biology</i> , 2021 , 2278, 149-155	1.4	1
4	New trends in dairy microbiology 2017 , 299-323		0
3	P4P: a peptidome-based strain-level genome comparison web tool. <i>Nucleic Acids Research</i> , 2017 , 45, W265-W269	6.5	1
2	Evidence of the In Vitro and In Vivo Immunological Relevance of Bifidobacteria 2018 , 295-305		
1	Unravelling the immunomodulatory role of apple phenolic rich extracts on human THP-1- derived macrophages using multiplatform metabolomics.. <i>Food Research International</i> , 2022 , 155, 111037	7	