Catherine Stanton

List of Publications by Year
in descending order

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Version: 2024-02-01

501 papers	52,947 citations	1614 105 h-index	1900 208 g-index
524 all docs	524 docs citations	524 times ranked	47198 citing authors

#	Article	IF	Citations
1	Expert consensus document: The International Scientific Association for Probiotics and Prebiotics (ISAPP) consensus statement on the definition and scope of prebiotics. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 491-502.	17.8	3,192
2	Gut microbiota composition correlates with diet and health in the elderly. Nature, 2012, 488, 178-184.	27.8	2,618
3	Composition, variability, and temporal stability of the intestinal microbiota of the elderly. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4586-4591.	7.1	1,418
4	Transferring the blues: Depression-associated gut microbiota induces neurobehavioural changes in the rat. Journal of Psychiatric Research, 2016, 82, 109-118.	3.1	1,130
5	Psychobiotics: A Novel Class of Psychotropic. Biological Psychiatry, 2013, 74, 720-726.	1.3	917
6	Fatty acids from fish: the anti-inflammatory potential of long-chain omega-3 fatty acids. Nutrition Reviews, 2010, 68, 280-289.	5.8	898
7	Î³-Aminobutyric acid production by culturable bacteria from the human intestine. Journal of Applied Microbiology, 2012, 113, 411-417.	3.1	871
8	Microbiota and neurodevelopmental windows: implications for brain disorders. Trends in Molecular Medicine, 2014, 20, 509-518.	6.7	852
9	Minireview: Gut Microbiota: The Neglected Endocrine Organ. Molecular Endocrinology, 2014, 28, 1221-1238.	3.7	835
10	Composition and energy harvesting capacity of the gut microbiota: relationship to diet, obesity and time in mouse models. Gut, 2010, 59, 1635-1642.	12.1	808
11	The composition of the gut microbiota throughout life, with an emphasis on early life. Microbial Ecology in Health and Disease, 2015, 26, 26050.	3.5	766
12	<scp>WHO</scp> Statement on Caesarean Section Rates. BJOG: an International Journal of Obstetrics and Gynaecology, 2016, 123, 667-670.	2.3	672
13	Targeting the Microbiota-Gut-Brain Axis: Prebiotics Have Anxiolytic and Antidepressant-like Effects and Reverse the Impact of Chronic Stress in Mice. Biological Psychiatry, 2017, 82, 472-487.	1.3	661
14	The Gut Microbiota of Marine Fish. Frontiers in Microbiology, 2018, 9, 873.	3.5	613
15	Health Implications of High Dietary Omega-6 Polyunsaturated Fatty Acids. Journal of Nutrition and Metabolism, 2012, 2012, 1-16.	1.8	600
16	The complex microbiota of raw milk. FEMS Microbiology Reviews, 2013, 37, 664-698.	8.6	591
17	The neuropharmacology of butyrate: The bread and butter of the microbiota-gut-brain axis?. Neurochemistry International, 2016, 99, 110-132.	3.8	565
18	Marine Bioactives as Functional Food Ingredients: Potential to Reduce the Incidence of Chronic Diseases. Marine Drugs, 2011, 9, 1056-1100.	4.6	564

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19	Fatty acid composition, including conjugated linoleic acid, of intramuscular fat from steers offered grazed grass, grass silage, or concentrate-based diets.. Journal of Animal Science, 2000, 78, 2849.	0.5	524
20	Stress Physiology of Lactic Acid Bacteria. Microbiology and Molecular Biology Reviews, 2016, 80, 837-890.	6.6	487
21	Shortâ€chain fatty acids: microbial metabolites that alleviate stressâ€induced brainâ€“gut axis alterations. Journal of Physiology, 2018, 596, 4923-4944.	2.9	460
22	Collective unconscious: How gut microbes shape human behavior. Journal of Psychiatric Research, 2015, 63, 1-9.	3.1	410
23	Gut Bifidobacteria Populations in Human Health and Aging. Frontiers in Microbiology, 2016, 7, 1204.	3.5	409
24	Survival of Probiotic Lactobacilli in Acidic Environments Is Enhanced in the Presence of Metabolizable Sugars. Applied and Environmental Microbiology, 2005, 71, 3060-3067.	3.1	407
25	High-Throughput Sequencing Reveals the Incomplete, Short-Term Recovery of Infant Gut Microbiota following Parenteral Antibiotic Treatment with Ampicillin and Gentamicin. Antimicrobial Agents and Chemotherapy, 2012, 56, 5811-5820.	3.2	404
26	A review on the beneficial aspects of food processing. Molecular Nutrition and Food Research, 2010, 54, 1215-1247.	3.3	393
27	Evolution of gut microbiota composition from birth to 24 weeks in the INFANTMET Cohort. Microbiome, 2017, 5, 4.	11.1	390
28	Bioactive Peptides from Muscle Sources: Meat and Fish. Nutrients, 2011, 3, 765-791.	4.1	381
29	Gut microbiota, obesity and diabetes. Postgraduate Medical Journal, 2016, 92, 286-300.	1.8	377
30	Fermented functional foods based on probiotics and their biogenic metabolites. Current Opinion in Biotechnology, 2005, 16, 198-203.	6.6	375
31	Comparative Survival Rates of Human-Derived Probiotic Lactobacillus paracasei and L. salivarius Strains during Heat Treatment and Spray Drying. Applied and Environmental Microbiology, 2000, 66, 2605-2612.	3.1	371
32	Intestinal microbiota, diet and health. British Journal of Nutrition, 2014, 111, 387-402.	2.3	371
33	Feeding the microbiota-gut-brain axis: diet, microbiome, and neuropsychiatry. Translational Research, 2017, 179, 223-244.	5.0	351
34	The Î±-amylase and Î±-glucosidase inhibitory effects of Irish seaweed extracts. Food Chemistry, 2013, 141, 2170-2176.	8.2	332
35	Comparative survival of probiotic lactobacilli spray-dried in the presence of prebiotic substances. Journal of Applied Microbiology, 2004, 96, 1024-1039.	3.1	331
36	The Composition of Human Milk and Infant Faecal Microbiota Over the First Three Months of Life: A Pilot Study. Scientific Reports, 2017, 7, 40597.	3.3	279

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37	Conjugated linoleic acid biosynthesis by human-derived Bifidobacterium species. Journal of Applied Microbiology, 2003, 94, 138-145.	3.1	270
38	Breast Milk, a Source of Beneficial Microbes and Associated Benefits for Infant Health. Nutrients, 2020, 12, 1039.	4.1	267
39	Market potential for probiotics. American Journal of Clinical Nutrition, 2001, 73, 476s-483s.	4.7	266
40	Microbiota-related Changes in Bile Acid & Tryptophan Metabolism are Associated with Gastrointestinal Dysfunction in a Mouse Model of Autism. EBioMedicine, 2017, 24, 166-178.	6.1	261
41	Improved survival of Lactobacillus paracasei NFBC 338 in spray-dried powders containing gum acacia. Journal of Applied Microbiology, 2002, 93, 1003-1011.	3.1	259
42	Programming infant gut microbiota: influence of dietary and environmental factors. Current Opinion in Biotechnology, 2010, 21, 149-156.	6.6	256
43	Anhydrobiotics: The challenges of drying probiotic cultures. Food Chemistry, 2008, 106, 1406-1416.	8.2	254
44	Production of bioactive substances by intestinal bacteria as a basis for explaining probiotic mechanisms: Bacteriocins and conjugated linoleic acid. International Journal of Food Microbiology, 2012, 152, 189-205.	4.7	252
45	Overcoming the technological hurdles in the development of probiotic foods. Journal of Applied Microbiology, 2005, 98, 1410-1417.	3.1	246
46	Bacterial Neuroactive Compounds Produced by Psychobiotics. Advances in Experimental Medicine and Biology, 2014, 817, 221-239.	1.6	245
47	16S rRNA gene sequencing of mock microbial populations- impact of DNA extraction method, primer choice and sequencing platform. BMC Microbiology, 2016, 16, 123.	3.3	241
48	The Effects of Freezing on Faecal Microbiota as Determined Using MiSeq Sequencing and Culture-Based Investigations. PLoS ONE, 2015, 10, e0119355.	2.5	241
49	Movers and shakers. Gut Microbes, 2013, 4, 4-16.	9.8	236
50	Divergent metabolic outcomes arising from targeted manipulation of the gut microbiota in diet-induced obesity. Gut, 2013, 62, 220-226.	12.1	235
51	Comparing Apples and Oranges?: Next Generation Sequencing and Its Impact on Microbiome Analysis. PLoS ONE, 2016, 11, e0148028.	2.5	234
52	Milk intelligence: Mining milk for bioactive substances associated with human health. International Dairy Journal, 2011, 21, 377-401.	3.0	233
53	Microbiota-Gut-Brain Axis: New Therapeutic Opportunities. Annual Review of Pharmacology and Toxicology, 2020, 60, 477-502.	9.4	227
54	Precision Nutrition and the Microbiome, Part I: Current State of the Science. Nutrients, 2019, 11, 923.	4.1	220

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55	Casein-Derived Antimicrobial Peptides Generated by Lactobacillus acidophilus DPC6026. Applied and Environmental Microbiology, 2006, 72, 2260-2264.	3.1	218
56	Development of a Probiotic Cheddar Cheese Containing Human-Derived Lactobacillus paracasei Strains. Applied and Environmental Microbiology, 1998, 64, 2192-2199.	3.1	215
57	Metabolic activities and probiotic potential of bifidobacteria. International Journal of Food Microbiology, 2011, 149, 88-105.	4.7	213
58	Lactic Acid Bacteria and Bifidobacteria with Potential to Design Natural Biofunctional Health-Promoting Dairy Foods. Frontiers in Microbiology, 2017, 8, 846.	3.5	211
59	Behavioural and neurochemical consequences of chronic gut microbiota depletion during adulthood in the rat. Neuroscience, 2016, 339, 463-477.	2.3	196
60	Composition of the early intestinal microbiota. Gut Microbes, 2012, 3, 203-220.	9.8	195
61	Omega-3 polyunsaturated fatty acids critically regulate behaviour and gut microbiota development in adolescence and adulthood. Brain, Behavior, and Immunity, 2017, 59, 21-37.	4.1	195
62	Dietary Influences on Bovine Milk cis-9,trans-11-Conjugated Linoleic Acid Content. Journal of Food Science, 1997, 62, 1083-1086.	3.1	192
63	A Five-Strain Probiotic Combination Reduces Pathogen Shedding and Alleviates Disease Signs in Pigs Challenged with Salmonella enterica Serovar Typhimurium. Applied and Environmental Microbiology, 2007, 73, 1858-1863.	3.1	190
64	Improved Stress Tolerance of GroESL-Overproducing Lactococcus lactis and Probiotic Lactobacillus paracasei NFBC 338. Applied and Environmental Microbiology, 2004, 70, 5929-5936.	3.1	185
65	Review of the roles of conjugated linoleic acid in health and disease. Journal of Functional Foods, 2015, 15, 314-325.	3.4	185
66	Clostridium difficile Carriage in Elderly Subjects and Associated Changes in the Intestinal Microbiota. Journal of Clinical Microbiology, 2012, 50, 867-875.	3.9	184
67	Intrinsic tolerance of Bifidobacterium species to heat and oxygen and survival following spray drying and storage. Journal of Applied Microbiology, 2005, 99, 493-501.	3.1	182
68	Probiotic Cheese. International Dairy Journal, 1998, 8, 491-496.	3.0	176
69	Perinatal factors affect the gut microbiota up to four years after birth. Nature Communications, 2019, 10, 1517.	12.8	176
70	Sugar-coated: exopolysaccharide producing lactic acid bacteria for food and human health applications. Food and Function, 2015, 6, 679-693.	4.6	175
71	Dietary fat, the gut microbiota, and metabolic health â€“ A systematic review conducted within the MyNewGut project. Clinical Nutrition, 2019, 38, 2504-2520.	5.0	175
72	Direct In Situ Viability Assessment of Bacteria in Probiotic Dairy Products Using Viability Staining in Conjunction with Confocal Scanning Laser Microscopy. Applied and Environmental Microbiology, 2001, 67, 420-425.	3.1	174

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73	The Lactobacillus casei Group: History and Health Related Applications. Frontiers in Microbiology, 2018, 9, 2107.	3.5	173
74	Differential effects of psychotropic drugs on microbiome composition and gastrointestinal function. Psychopharmacology, 2019, 236, 1671-1685.	3.1	170
75	Impact of antibiotics on the human microbiome and consequences for host health. MicrobiologyOpen, 2022, 11, e1260.	3.0	169
76	Environmental adaptation of probiotic lactobacilli towards improvement of performance during spray drying. International Dairy Journal, 2001, 11, 801-808.	3.0	168
77	Development and characterisation of whey protein micro-beads as potential matrices for probiotic protection. Food Hydrocolloids, 2011, 25, 1604-1617.	10.7	168
78	Life Under Stress: The Probiotic Stress Response and How it may be Manipulated. Current Pharmaceutical Design, 2008, 14, 1382-1399.	1.9	166
79	Food for thought: The role of nutrition in the microbiota-gutâ€“brain axis. Clinical Nutrition Experimental, 2016, 6, 25-38.	2.0	163
80	Metabolic activity of the enteric microbiota influences the fatty acid composition of murine and porcine liver and adipose tissues. American Journal of Clinical Nutrition, 2009, 89, 1393-1401.	4.7	162
81	Revisiting Metchnikoff: Age-related alterations in microbiota-gut-brain axis in the mouse. Brain, Behavior, and Immunity, 2017, 65, 20-32.	4.1	158
82	Impact of dietary fatty acids on metabolic activity and host intestinal microbiota composition in C57BL/6J mice. British Journal of Nutrition, 2014, 111, 1905-1917.	2.3	152
83	Putting microbes to work: Dairy fermentation, cell factories and bioactive peptides. Part II: Bioactive peptide functions. Biotechnology Journal, 2007, 2, 435-449.	3.5	150
84	Programming Bugs: Microbiota and the Developmental Origins of Brain Health and Disease. Biological Psychiatry, 2019, 85, 150-163.	1.3	146
85	Estrogen-mediated gut microbiome alterations influence sexual dimorphism in metabolic syndrome in mice. Microbiome, 2018, 6, 205.	11.1	145
86	N-3 Polyunsaturated Fatty Acids (PUFAs) Reverse the Impact of Early-Life Stress on the Gut Microbiota. PLoS ONE, 2015, 10, e0139721.	2.5	143
87	Effect of pasture versus indoor feeding systems on raw milk composition and quality over an entire lactation. Journal of Dairy Science, 2016, 99, 9424-9440.	3.4	142
88	The Anti-Inflammatory Effect of Algae-Derived Lipid Extracts on Lipopolysaccharide (LPS)-Stimulated Human THP-1 Macrophages. Marine Drugs, 2015, 13, 5402-5424.	4.6	140
89	Evaluation of Cheddar Cheese as a Food Carrier for Delivery of a Probiotic Strain to the Gastrointestinal Tract. Journal of Dairy Science, 1999, 82, 1379-1387.	3.4	138
90	The Health Promoting Properties of the Conjugated Isomers of Î±â€Ł inolenic Acid. Lipids, 2011, 46, 105-119.	1.7	135

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91	Genetic diversity, safety and technological characterization of lactic acid bacteria isolated from artisanal Pico cheese. Food Microbiology, 2017, 63, 178-190.	4.2	132
92	Elevation of Conjugated cis-9, trans-11-Octadecadienoic Acid in Bovine Milk Because of Dietary Supplementation. Journal of Dairy Science, 1998, 81, 3259-3267.	3.4	128
93	Potentially modifiable determinants of malnutrition in older adults: AÂsystematic review. Clinical Nutrition, 2019, 38, 2477-2498.	5.0	127
94	Gut microbiota, the pharmabiotics they produce and host health. Proceedings of the Nutrition Society, 2014, 73, 477-489.	1.0	126
95	Casein Fermentate of Lactobacillus animalis DPC6134 Contains a Range of Novel Propeptide Angiotensin-Converting Enzyme Inhibitors. Applied and Environmental Microbiology, 2007, 73, 4658-4667.	3.1	125
96	Association of Beta-Glucan Endogenous Production with Increased Stress Tolerance of Intestinal Lactobacilli. Applied and Environmental Microbiology, 2010, 76, 500-507.	3.1	125
97	Enhancing the stress responses of probiotics for a lifestyle from gut to product and back again. Microbial Cell Factories, 2011, 10, S19.	4.0	125
98	Diet and the Microbiotaâ€“Gutâ€“Brain Axis: Sowing the Seeds of Good Mental Health. Advances in Nutrition, 2021, 12, 1239-1285.	6.4	125
99	The human intestinal microbiome at extreme ages of life. Dietary intervention as a way to counteract alterations. Frontiers in Genetics, 2014, 5, 406.	2.3	124
100	Feeding the microbiota: transducer of nutrient signals for the host. Gut, 2017, 66, 1709-1717.	12.1	124
101	The microbial content of raw and pasteurized cow milk as determined by molecular approaches. Journal of Dairy Science, 2013, 96, 4928-4937.	3.4	122
102	Maternal Vertical Transmission Affecting Early-life Microbiota Development. Trends in Microbiology, 2020, 28, 28-45.	7.7	121
103	The gut microbiota and the liver. Pathophysiological and clinical implications. Journal of Hepatology, 2013, 58, 1020-1027.	3.7	119
104	New Developments and Applications of Bacteriocins and Peptides in Foods. Annual Review of Food Science and Technology, 2011, 2, 299-329.	9.9	118
105	A spray-dried culture for probiotic Cheddar cheese manufacture. International Dairy Journal, 2002, 12, 749-756.	3.0	117
106	Growth of probiotic lactobacilli in the presence of oleic acid enhances subsequent survival in gastric juice. Microbiology (United Kingdom), 2007, 153, 291-299.	1.8	114
107	Microbial Composition of Human Appendices from Patients following Appendectomy. MBio, 2013, 4, .	4.1	114
108	Bifidobacterium psychraerophilum sp. nov. and Aeriscardovia aeriphila gen. nov., sp. nov., isolated from a porcine caecum. International Journal of Systematic and Evolutionary Microbiology, 2004, 54, 401-406.	1.7	113

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109	Orally Administered CLA Ameliorates DSS-Induced Colitis in Mice via Intestinal Barrier Improvement, Oxidative Stress Reduction, and Inflammatory Cytokine and Gut Microbiota Modulation. Journal of Agricultural and Food Chemistry, 2019, 67, 13282-13298.	5.2	111
110	Contrasting effects of Bifidobacterium breve NCIMB 702258 and Bifidobacterium breve DPC 6330 on the composition of murine brain fatty acids and gut microbiota. American Journal of Clinical Nutrition, 2012, 95, 1278-1287.	4.7	109
111	Effect of level of dietary n-3 polyunsaturated fatty acid supplementation on systemic and tissue fatty acid concentrations and on selected reproductive variables in cattle. Theriogenology, 2008, 70, 595-611.	2.1	107
112	Isolation and characterization of anti-Salmonella lactic acid bacteria from the porcine gastrointestinal tract. Letters in Applied Microbiology, 2004, 39, 431-438.	2.2	106
113	Looking Beyond the Terrestrial: The Potential of Seaweed Derived Bioactives to Treat Non-Communicable Diseases. Marine Drugs, 2016, 14, 60.	4.6	106
114	The individual-specific and diverse nature of the preterm infant microbiota. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2013, 98, F334-F340.	2.8	105
115	The altered gut microbiota in adults with cystic fibrosis. BMC Microbiology, 2017, 17, 58.	3.3	104
116	EAACI position paper: Influence of dietary fatty acids on asthma, food allergy, and atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1429-1444.	5.7	103
117	Viromes of one year old infants reveal the impact of birth mode on microbiome diversity. PeerJ, 2018, 6, e4694.	2.0	103
118	Mid-life microbiota crises: middle age is associated with pervasive neuroimmune alterations that are reversed by targeting the gut microbiome. Molecular Psychiatry, 2020, 25, 2567-2583.	7.9	102
119	Influence of breed on bovine milk cis-9, trans-11-conjugated linoleic acid content. Livestock Science, 1999, 62, 43-49.	1.2	101
120	EAACI position paper on diet diversity in pregnancy, infancy and childhood: Novel concepts and implications for studies in allergy and asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 497-523.	5.7	101
121	Replacing fishmeal with plant protein in Atlantic salmon (Salmo salar) diets by supplementation with fish protein hydrolysate. Scientific Reports, 2020, 10, 4194.	3.3	101
122	Gamma-aminobutyric acid-producing lactobacilli positively affect metabolism and depressive-like behaviour in a mouse model of metabolic syndrome. Scientific Reports, 2019, 9, 16323.	3.3	100
123	A ropy exopolysaccharide producing strainBifidobacterium longumsubsp.longumYS108R alleviates DSS-induced colitis by maintenance of the mucosal barrier and gut microbiota modulation. Food and Function, 2019, 10, 1595-1608.	4.6	98
124	Putting microbes to work: Dairy fermentation, cell factories and bioactive peptides. Part I: Overview. Biotechnology Journal, 2007, 2, 426-434.	3.5	96
125	Relative Ability of Orally Administered Lactobacillus murinus To Predominate and Persist in the Porcine Gastrointestinal Tract. Applied and Environmental Microbiology, 2004, 70, 1895-1906.	3.1	95
126	Influence of two commercially available bifidobacteria cultures on Cheddar cheese quality. International Dairy Journal, 2001, 11, 599-610.	3.0	94

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127	Shortâ€chain fatty acids and microbiota metabolites attenuate ghrelin receptor signaling. FASEB Journal, 2019, 33, 13546-13559.	0.5	93
128	The microbiology and treatment of human mastitis. Medical Microbiology and Immunology, 2018, 207, 83-94.	4.8	92
129	Predominance of a bacteriocin-producing Lactobacillus salivarius component of a five-strain probiotic in the porcine ileum and effects on host immune phenotype. FEMS Microbiology Ecology, 2008, 64, 317-327.	2.7	91
130	Dietarytrans-10,cis-12-conjugated linoleic acid alters fatty acid metabolism and microbiota composition in mice. British Journal of Nutrition, 2015, 113, 728-738.	2.3	89
131	Streptococcus thermophilus APC151 Strain Is Suitable for the Manufacture of Naturally GABA-Enriched Bioactive Yogurt. Frontiers in Microbiology, 2016, 7, 1876.	3.5	89
132	Influence of a Probiotic Adjunct Culture ofEnterococcus faeciumon the Quality of Cheddar Cheese. Journal of Agricultural and Food Chemistry, 1999, 47, 4907-4916.	5.2	87
133	Genomic Diversity and Relatedness of Bifidobacteria Isolated from a Porcine Cecum. Journal of Bacteriology, 2003, 185, 2571-2581.	2.2	86
134	Quality characteristics, chemical composition, and sensory properties of butter from cows on pasture versus indoor feeding systems. Journal of Dairy Science, 2016, 99, 9441-9460.	3.4	86
135	Comparison of the salivary and dentinal microbiome of children with severe-early childhood caries to the salivary microbiome of caries-free children. BMC Oral Health, 2019, 19, 13.	2.3	86
136	Genomic Diversity within the Genus Pediococcus as Revealed by Randomly Amplified Polymorphic DNA PCR and Pulsed-Field Gel Electrophoresis. Applied and Environmental Microbiology, 2002, 68, 765-771.	3.1	85
137	Environmental adaptation of probiotic lactobacilli towards improvement of performance during spray drying. International Dairy Journal, 2002, 12, 183-190.	3.0	85
138	Effect of Ascophyllum nodosum extract on growth performance, digestibility, carcass characteristics and selected intestinal microflora populations of growerâ€“finisher pigs. Animal Feed Science and Technology, 2008, 141, 259-273.	2.2	84
139	The microbiota-gut-brain axis as a key regulator of neural function and the stress response: Implications for human and animal health1,2. Journal of Animal Science, 2017, 95, 3225-3246.	0.5	84
140	Microbiome and metabolome modifying effects of several cardiovascular disease interventions in apo-Eâˆ’/âˆ’ mice. Microbiome, 2017, 5, 30.	11.1	83
141	Priming for Life: Early Life Nutrition and the Microbiota-Gut-Brain Axis. Nutrients, 2021, 13, 423.	4.1	83
142	Gut microbial diversity is reduced and is associated with colonic inflammation in a piglet model of short bowel syndrome. Gut Microbes, 2013, 4, 212-221.	9.8	82
143	Rapid Screening Method for Analyzing the Conjugated Linoleic Acid Production Capabilities of Bacterial Cultures. Applied and Environmental Microbiology, 2007, 73, 2333-2337.	3.1	81
144	Effect of disaccharides on survival during storage of freeze dried probiotics. Dairy Science and Technology, 2008, 88, 19-30.	2.2	81

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145	Early Gut Microbiota Perturbations Following Intrapartum Antibiotic Prophylaxis to Prevent Group B Streptococcal Disease. PLoS ONE, 2016, 11, e0157527.	2.5	81
146	Exopolysaccharide-Producing Probiotic Lactobacilli Reduce Serum Cholesterol and Modify Enteric Microbiota in ApoE-Deficient Mice. Journal of Nutrition, 2014, 144, 1956-1962.	2.9	80
147	Preventing adolescent stress-induced cognitive and microbiome changes by diet. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 9644-9651.	7.1	79
148	Mining the Microbiota of the Neonatal Gastrointestinal Tract for Conjugated Linoleic Acid-Producing Bifidobacteria. Applied and Environmental Microbiology, 2004, 70, 4635-4641.	3.1	78
149	Survival of entrapped Lactobacillus rhamnosus GG in whey protein micro-beads during simulated exÂvivo gastro-intestinal transit. International Dairy Journal, 2012, 22, 31-43.	3.0	78
150	Enhanced Survival of GroESL-Overproducing Lactobacillus paracasei NFBC 338 under Stressful Conditions Induced by Drying. Applied and Environmental Microbiology, 2006, 72, 5104-5107.	3.1	77
151	The Production of Conjugated Î±â€Linolenic, Î³â€Linolenic and Stearidonic Acids by Strains of Bifidobacteria and Propionibacteria. Lipids, 2012, 47, 313-327.	1.7	77
152	Beneficial Microbes: The pharmacy in the gut. Bioengineered, 2016, 7, 11-20.	3.2	77
153	Characterization of protein hydrolysates from blue whiting (Micromesistius poutassou) and their application in beverage fortification. Food Chemistry, 2018, 245, 698-706.	8.2	77
154	Prebiotics from Seaweeds: An Ocean of Opportunity?. Marine Drugs, 2019, 17, 327.	4.6	77
155	BDNF expression in the hippocampus of maternally separated rats: does Bifidobacterium breve 6330 alter BDNF levels?. Beneficial Microbes, 2011, 2, 199-207.	2.4	76
156	Gut microbiome correlates with altered striatal dopamine receptor expression in a model of compulsive alcohol seeking. Neuropharmacology, 2018, 141, 249-259.	4.1	76
157	Myosin-cross-reactive antigen (MCRA) protein from Bifidobacterium breve is a FAD-dependent fatty acid hydratase which has a function in stress protection. BMC Biochemistry, 2011, 12, 9.	4.4	75
158	Fermented Foods, Health and the Gut Microbiome. Nutrients, 2022, 14, 1527.	4.1	75
159	Gene-trait matching across the Bifidobacterium longum pan-genome reveals considerable diversity in carbohydrate catabolism among human infant strains. BMC Genomics, 2018, 19, 33.	2.8	74
160	Synthesis of conjugated linoleic acid by the linoleate isomerase complex in food-derived lactobacilli. Journal of Applied Microbiology, 2014, 117, 430-439.	3.1	73
161	Intervention strategies for cesarean sectionâ€“induced alterations in the microbiota-gut-brain axis. Nutrition Reviews, 2017, 75, 225-240.	5.8	73
162	The evaluation of a mupirocin-based selective medium for the enumeration of bifidobacteria from probiotic animal feed. Journal of Microbiological Methods, 2004, 57, 9-16.	1.6	71

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163	Cronobacter spp. in Powdered Infant Formula. Journal of Food Protection, 2012, 75, 607-620.	1.7	71
164	Bacterial conjugated linoleic acid production and their applications. Progress in Lipid Research, 2017, 68, 26-36.	11.6	71
165	Effect of different forage types on the volatile and sensory properties of bovine milk. Journal of Dairy Science, 2018, 101, 1034-1047.	3.4	71
166	Milk fat conjugated linoleic acid (CLA) inhibits growth of human mammary MCF-7 cancer cells. Anticancer Research, 2000, 20, 3591-601.	1.1	71
167	Role of Gut Microbiota in Early Infant Development. Clinical Medicine Pediatrics, 2009, 3, CMPed.S2008.	0.1	70
168	Streptozotocin-induced type-1-diabetes disease onset in Sprague–Dawley rats is associated with an altered intestinal microbiota composition and decreased diversity. Microbiology (United Kingdom), 2015, 161, 182-193.	1.8	70
169	Pasture Feeding Changes the Bovine Rumen and Milk Metabolome. Metabolites, 2018, 8, 27.	2.9	70
170	Bifidobacterium pseudocatenulatum Ameliorates DSS-Induced Colitis by Maintaining Intestinal Mechanical Barrier, Blocking Proinflammatory Cytokines, Inhibiting TLR4/NF-ºB Signaling, and Altering Gut Microbiota. Journal of Agricultural and Food Chemistry, 2021, 69, 1496-1512.	5.2	70
171	Intestinal Bifidobacteria That Producetrans-9,trans-11 Conjugated Linoleic Acid: A Fatty Acid With Antiproliferative Activity Against Human Colon SW480 and HT-29 Cancer Cells. Nutrition and Cancer, 2006, 56, 95-102.	2.0	69
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