

# Patrizia Brigidi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1617173/publications.pdf>

Version: 2024-02-01

182  
papers

17,620  
citations

16451

64  
h-index

15266

126  
g-index

188  
all docs

188  
docs citations

188  
times ranked

19777  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral bacteriotherapy as maintenance treatment in patients with chronic pouchitis: A double-blind, placebo-controlled trial. <i>Gastroenterology</i> , 2000, 119, 305-309.	1.3	1,373
2	Through Ageing, and Beyond: Gut Microbiota and Inflammatory Status in Seniors and Centenarians. <i>PLoS ONE</i> , 2010, 5, e10667.	2.5	1,107
3	High-level adherence to a Mediterranean diet beneficially impacts the gut microbiota and associated metabolome. <i>Gut</i> , 2016, 65, 1812-1821.	12.1	1,092
4	Gut microbiome of the Hadza hunter-gatherers. <i>Nature Communications</i> , 2014, 5, 3654.	12.8	1,067
5	Prophylaxis of pouchitis onset with probiotic therapy: a double-blind, placebo-controlled trial. <i>Gastroenterology</i> , 2003, 124, 1202-1209.	1.3	1,048
6	Gut Microbiota and Extreme Longevity. <i>Current Biology</i> , 2016, 26, 1480-1485.	3.9	668
7	Mediterranean diet intervention alters the gut microbiome in older people reducing frailty and improving health status: the NU-AGE 1-year dietary intervention across five European countries. <i>Gut</i> , 2020, 69, 1218-1228.	12.1	465
8	Metagenome Sequencing of the Hadza Hunter-Gatherer Gut Microbiota. <i>Current Biology</i> , 2015, 25, 1682-1693.	3.9	342
9	Ageing of the human metaorganism: the microbial counterpart. <i>Age</i> , 2012, 34, 247-267.	3.0	324
10	The effect of short-chain fatty acids on human monocyte-derived dendritic cells. <i>Scientific Reports</i> , 2015, 5, 16148.	3.3	269
11	Functional metagenomic profiling of intestinal microbiome in extreme ageing. <i>Aging</i> , 2013, 5, 902-912.	3.1	263
12	Immunomodulatory effects of probiotic bacteria DNA: IL-1 and IL-10 response in human peripheral blood mononuclear cells. <i>FEMS Immunology and Medical Microbiology</i> , 2003, 38, 165-172.	2.7	241
13	Ageing and gut microbes: Perspectives for health maintenance and longevity. <i>Pharmacological Research</i> , 2013, 69, 11-20.	7.1	226
14	Metabolic Signatures of Extreme Longevity in Northern Italian Centenarians Reveal a Complex Remodeling of Lipids, Amino Acids, and Gut Microbiota Metabolism. <i>PLoS ONE</i> , 2013, 8, e56564.	2.5	205
15	Behçet's syndrome patients exhibit specific microbiome signature. <i>Autoimmunity Reviews</i> , 2015, 14, 269-276.	5.8	195
16	Gut microbiota changes in the extreme decades of human life: a focus on centenarians. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 129-148.	5.4	190
17	Modulation of gut microbiota dysbioses in type 2 diabetic patients by macrobiotic Ma-Pi 2 diet. <i>British Journal of Nutrition</i> , 2016, 116, 80-93.	2.3	181
18	High-Dose Probiotics for the Treatment of Active Pouchitis. <i>Diseases of the Colon and Rectum</i> , 2007, 50, 2075-2084.	1.3	179

#	ARTICLE	IF	CITATIONS
19	Effects of probiotic administration upon the composition and enzymatic activity of human fecal microbiota in patients with irritable bowel syndrome or functional diarrhea. <i>Research in Microbiology</i> , 2001, 152, 735-741.	2.1	178
20	Inflammation and colorectal cancer, when microbiota-host mutualism breaks. <i>World Journal of Gastroenterology</i> , 2014, 20, 908.	3.3	176
21	Rifaximin modulates the colonic microbiota of patients with Crohn's disease: an in vitro approach using a continuous culture colonic model system. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 2556-2565.	3.0	156
22	Intestinal microbiota is a plastic factor responding to environmental changes. <i>Trends in Microbiology</i> , 2012, 20, 385-391.	7.7	152
23	Unbalance of intestinal microbiota in atopic children. <i>BMC Microbiology</i> , 2012, 12, 95.	3.3	144
24	Functional intestinal microbiome, new frontiers in prebiotic design. <i>International Journal of Food Microbiology</i> , 2010, 140, 93-101.	4.7	138
25	Gut microbiota, metabolome and immune signatures in patients with uncomplicated diverticular disease. <i>Gut</i> , 2017, 66, 1252-1261.	12.1	138
26	Impact of a synbiotic food on the gut microbial ecology and metabolic profiles. <i>BMC Microbiology</i> , 2010, 10, 4.	3.3	134
27	Combating inflammaging through a Mediterranean whole diet approach: The NLI-AGE project's conceptual framework and design. <i>Mechanisms of Ageing and Development</i> , 2014, 136-137, 3-13.	4.6	131
28	Infant and Adult Gut Microbiome and Metabolome in Rural Bassa and Urban Settlers from Nigeria. <i>Cell Reports</i> , 2018, 23, 3056-3067.	6.4	128
29	Elevated gut microbiome abundance of <i>Christensenellaceae</i> , <i>Porphyromonadaceae</i> and <i>Rikenellaceae</i> is associated with reduced visceral adipose tissue and healthier metabolic profile in Italian elderly. <i>Gut Microbes</i> , 2021, 13, 1-19.	9.8	127
30	Serum profiling of healthy aging identifies phospho- and sphingolipid species as markers of human longevity. <i>Aging</i> , 2014, 6, 9-25.	3.1	126
31	The gut microbiota of centenarians: Signatures of longevity in the gut microbiota profile. <i>Mechanisms of Ageing and Development</i> , 2017, 165, 180-184.	4.6	125
32	ViromeScan: a new tool for metagenomic viral community profiling. <i>BMC Genomics</i> , 2016, 17, 165.	2.8	118
33	The Bacterial Ecosystem of Mother's Milk and Infant's Mouth and Gut. <i>Frontiers in Microbiology</i> , 2017, 8, 1214.	3.5	118
34	Antimicrobial and antitumor activity of n-heteroimino-1,2,3-dithiazoles and their transformation in triazolo-, imidazo-, and pyrazolopyrimidines. <i>Bioorganic and Medicinal Chemistry</i> , 2002, 10, 449-456.	3.0	117
35	Variable Response to Probiotics in Two Models of Experimental Colitis in Rats. <i>Inflammatory Bowel Diseases</i> , 2002, 8, 399-406.	1.9	115
36	Potential Probiotic <i>Kluyveromyces marxianus</i> B0399 Modulates the Immune Response in Caco-2 Cells and Peripheral Blood Mononuclear Cells and Impacts the Human Gut Microbiota in an <i>In Vitro</i> Colonic Model System. <i>Applied and Environmental Microbiology</i> , 2012, 78, 956-964.	3.1	115

#	ARTICLE	IF	CITATIONS
37	Diet influences the functions of the human intestinal microbiome. <i>Scientific Reports</i> , 2020, 10, 4247.	3.3	115
38	Bifidobacterial enolase, a cell surface receptor for human plasminogen involved in the interaction with the host. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3294-3303.	1.8	110
39	Binding of Human Plasminogen to <i>Bifidobacterium</i> . <i>Journal of Bacteriology</i> , 2007, 189, 5929-5936.	2.2	109
40	The aging gut microbiota: New perspectives. <i>Ageing Research Reviews</i> , 2011, 10, 428-429.	10.9	104
41	Polymer-lipid based mucoadhesive microspheres prepared by spray-congealing for the vaginal delivery of econazole nitrate. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 36, 591-601.	4.0	103
42	DnaK from <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> is a surface-exposed human plasminogen receptor upregulated in response to bile salts. <i>Microbiology (United Kingdom)</i> , 2010, 156, 1609-1618.	1.8	102
43	Impact of personalized diet and probiotic supplementation on inflammation, nutritional parameters and intestinal microbiota – The RISTOMED project: Randomized controlled trial in healthy older people. <i>Clinical Nutrition</i> , 2015, 34, 593-602.	5.0	102
44	Dynamics of Vaginal Bacterial Communities in Women Developing Bacterial Vaginosis, Candidiasis, or No Infection, Analyzed by PCR-Denaturing Gradient Gel Electrophoresis and Real-Time PCR. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5731-5741.	3.1	101
45	Alterations in Circulating Fatty Acid Are Associated With Gut Microbiota Dysbiosis and Inflammation in Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2020, 11, 1390.	4.8	101
46	Prevention of TNBS-induced colitis by different <i>Lactobacillus</i> and <i>Bifidobacterium</i> strains is associated with an expansion of $\text{CD}^+$ and regulatory T cells of intestinal intraepithelial lymphocytes. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 1526-1536.	1.9	100
47	Human intestinal microbiota: cross-talk with the host and its potential role in colorectal cancer. <i>Critical Reviews in Microbiology</i> , 2011, 37, 1-14.	6.1	99
48	An in vivo assessment of the cholesterol-lowering efficacy of <i>Lactobacillus plantarum</i> ECGC 13110402 in normal to mildly hypercholesterolaemic adults. <i>PLoS ONE</i> , 2017, 12, e0187964.	2.5	99
49	Novel probiotic candidates for humans isolated from raw fruits and vegetables. <i>Food Microbiology</i> , 2012, 31, 116-125.	4.2	97
50	From lifetime to evolution: timescales of human gut microbiota adaptation. <i>Frontiers in Microbiology</i> , 2014, 5, 587.	3.5	91
51	Microbiota-Host Transgenomic Metabolism, Bioactive Molecules from the Inside. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 47-61.	6.4	91
52	Shotgun Metagenomics of Gut Microbiota in Humans with up to Extreme Longevity and the Increasing Role of Xenobiotic Degradation. <i>MSystems</i> , 2020, 5, .	3.8	91
53	Temporal dynamics of the gut microbiota in people sharing a confined environment, a 520-day ground-based space simulation, MARS500. <i>Microbiome</i> , 2017, 5, 39.	11.1	89
54	Fecal metabolome of the Hadza hunter-gatherers: a host-microbiome integrative view. <i>Scientific Reports</i> , 2016, 6, 32826.	3.3	88

#	ARTICLE	IF	CITATIONS
55	PCR detection of Bifidobacterium strains and Streptococcus thermophilus in feces of human subjects after oral bacteriotherapy and yogurt consumption. International Journal of Food Microbiology, 2003, 81, 203-209.	4.7	85
56	Development of microparticulate systems for intestinal delivery of Lactobacillus acidophilus and Bifidobacterium lactis. European Journal of Pharmaceutical Sciences, 2010, 40, 359-366.	4.0	84
57	Dietary supplementation with probiotics during late pregnancy: outcome on vaginal microbiota and cytokine secretion. BMC Microbiology, 2012, 12, 236.	3.3	84
58	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.	5.0	82
59	Metagenomics: Key to Human Gut Microbiota. Digestive Diseases, 2011, 29, 525-530.	1.9	79
60	Microbial colonization of different microplastic types and biotransformation of sorbed PCBs by a marine anaerobic bacterial community. Science of the Total Environment, 2020, 705, 135790.	8.0	79
61	Eicosapentaenoic acid free fatty acid prevents and suppresses colonic neoplasia in colitis-associated colorectal cancer acting on Notch signaling and gut microbiota. International Journal of Cancer, 2014, 135, 2004-2013.	5.1	73
62	Maintenance of a healthy trajectory of the intestinal microbiome during aging: A dietary approach. Mechanisms of Ageing and Development, 2014, 136-137, 70-75.	4.6	72
63	Hypertension Is Associated With Intestinal Microbiota Dysbiosis and Inflammation in a Brazilian Population. Frontiers in Pharmacology, 2020, 11, 258.	3.5	70
64	Real-time PCR quantification of bacterial adhesion to Caco-2 cells: Competition between bifidobacteria and enteropathogens. Research in Microbiology, 2005, 156, 887-895.	2.1	69
65	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.	5.0	68
66	Oxalate-Degrading Activity in <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> : Impact of Acidic Conditions on the Transcriptional Levels of the Oxalyl Coenzyme A (CoA) Decarboxylase and Formyl-CoA Transferase Genes. Applied and Environmental Microbiology, 2010, 76, 5609-5620.	3.1	66
67	Characterization and Heterologous Expression of the Oxalyl Coenzyme A Decarboxylase Gene from Bifidobacterium lactis. Applied and Environmental Microbiology, 2004, 70, 5066-5073.	3.1	65
68	Pre-obese children's dysbiotic gut microbiome and unhealthy diets may predict the development of obesity. Communications Biology, 2018, 1, 222.	4.4	65
69	Technological and biological evaluation of tablets containing different strains of lactobacilli for vaginal administration. European Journal of Pharmaceutics and Biopharmaceutics, 2000, 50, 389-395.	4.3	63
70	Enteral Nutrition in Pediatric Patients Undergoing Hematopoietic SCT Promotes the Recovery of Gut Microbiome Homeostasis. Nutrients, 2019, 11, 2958.	4.1	63
71	Microbial Community Dynamics in Mother's Milk and Infant's Mouth and Gut in Moderately Preterm Infants. Frontiers in Microbiology, 2018, 9, 2512.	3.5	62
72	Gut microbiome response to a modern Paleolithic diet in a Western lifestyle context. PLoS ONE, 2019, 14, e0220619.	2.5	62

#	ARTICLE	IF	CITATIONS
73	An inÂvitro evaluation of the effect of probiotics and prebiotics on the metabolic profile of human microbiota. <i>Anaerobe</i> , 2012, 18, 386-391.	2.1	61
74	A Multi-omics Approach to Unraveling the Microbiome-Mediated Effects of Arabinoxylan Oligosaccharides in Overweight Humans. <i>MSystems</i> , 2019, 4, .	3.8	61
75	Quantitative variations in the vaginal bacterial population associated with asymptomatic infections: a real-time polymerase chain reaction study. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2009, 28, 281-285.	2.9	59
76	Tissue-scale microbiota of the Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ) and its relationship with the environment. <i>Science of the Total Environment</i> , 2020, 717, 137209.	8.0	59
77	Effect of a synbiotic food consumption on human gut metabolic profiles evaluated by 1H Nuclear Magnetic Resonance spectroscopy. <i>International Journal of Food Microbiology</i> , 2009, 134, 147-153.	4.7	58
78	The Gut Microbiota of Critically Ill Patients With COVID-19. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 670424.	3.9	56
79	In vitro fermentation of potential prebiotic flours from natural sources: Impact on the human colonic microbiota and metabolome. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1342-1352.	3.3	55
80	Short-term treatment with eicosapentaenoic acid improves inflammation and affects colonic differentiation markers and microbiota in patients with ulcerative colitis. <i>Scientific Reports</i> , 2017, 7, 7458.	3.3	54
81	The Rootstock Regulates Microbiome Diversity in Root and Rhizosphere Compartments of <i>Vitis vinifera</i> Cultivar Lambrusco. <i>Frontiers in Microbiology</i> , 2018, 9, 2240.	3.5	54
82	Fermentative production of l-lactic acid by <i>Lactobacillus casei</i> DSM 20011 and product recovery using ion exchange resins. <i>Applied Microbiology and Biotechnology</i> , 1993, 40, 23-27.	3.6	53
83	High taxonomic level fingerprint of the human intestinal microbiota by Ligase Detection Reaction - Universal Array approach. <i>BMC Microbiology</i> , 2010, 10, 116.	3.3	51
84	Gut Microbiome in Down Syndrome. <i>PLoS ONE</i> , 2014, 9, e112023.	2.5	51
85	Early gut microbiota signature of aGvHD in children given allogeneic hematopoietic cell transplantation for hematological disorders. <i>BMC Medical Genomics</i> , 2019, 12, 49.	1.5	50
86	Effects of probiotic bacteria on gastrointestinal motility in guinea-pig isolated tissue. <i>World Journal of Gastroenterology</i> , 2006, 12, 5987.	3.3	47
87	Effect of Short-Term Dietary Intervention and Probiotic Mix Supplementation on the Gut Microbiota of Elderly Obese Women. <i>Nutrients</i> , 2019, 11, 3011.	4.1	47
88	Specific Detection of <i>Bifidobacterium</i> Strains in a Pharmaceutical Probiotic Product and in Human Feces by Polymerase Chain Reaction. <i>Systematic and Applied Microbiology</i> , 2000, 23, 391-399.	2.8	46
89	Unraveling the gut microbiome of the long-lived naked mole-rat. <i>Scientific Reports</i> , 2017, 7, 9590.	3.3	46
90	IBS-associated phylogenetic unbalances of the intestinal microbiota are not reverted by probiotic supplementation. <i>Gut Microbes</i> , 2012, 3, 406-413.	9.8	45

#	ARTICLE	IF	CITATIONS
91	Nucleotide sequence, expression and transcriptional analysis of the <i>Bifidobacterium longum</i> MB 219 lacZ gene. <i>Archives of Microbiology</i> , 2000, 174, 74-80.	2.2	44
92	Faecal bacterial communities from Mediterranean loggerhead sea turtles ( <i>Caretta caretta</i> ). <i>Environmental Microbiology Reports</i> , 2019, 11, 361-371.	2.4	43
93	Quantitative Detection of Probiotic <i>Bifidobacterium</i> Strains in Bacterial Mixtures by Using Real-time PCR. <i>Systematic and Applied Microbiology</i> , 2003, 26, 269-276.	2.8	40
94	Rifaximin Modulates the Vaginal Microbiome and Metabolome in Women Affected by Bacterial Vaginosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 3411-3420.	3.2	40
95	Impact of Kamut® Khorasan on gut microbiota and metabolome in healthy volunteers. <i>Food Research International</i> , 2014, 63, 227-232.	6.2	38
96	The bottlenose dolphin ( <i>Tursiops truncatus</i> ) faecal microbiota. <i>FEMS Microbiology Ecology</i> , 2016, 92, fw055.	2.7	38
97	Enteral versus Parenteral Nutrition as Nutritional Support after Allogeneic Hematopoietic Stem Cell Transplantation: a Systematic Review and Meta-Analysis. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 180.e1-180.e8.	1.2	38
98	A proteomic view of <i>Bifidobacterium infantis</i> generated by multi-dimensional chromatography coupled with tandem mass spectrometry. <i>Proteomics</i> , 2005, 5, 1859-1867.	2.2	37
99	Transcriptomic clues to understand the growth of <i>Lactobacillus rhamnosus</i> in cheese. <i>BMC Microbiology</i> , 2014, 14, 28.	3.3	33
100	Simultaneous HS-SPME GC-MS determination of short chain fatty acids, trimethylamine and trimethylamine N-oxide for gut microbiota metabolic profile. <i>Talanta</i> , 2018, 189, 573-578.	5.5	33
101	Mechanisms underlying the cardiometabolic protective effect of walnut consumption in obese people: A cross-over, randomized, double-blind, controlled inpatient physiology study. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 2086-2095.	4.4	33
102	Gut microbiome-micronutrient interaction: The key to controlling the bioavailability of minerals and vitamins?. <i>BioFactors</i> , 2022, 48, 307-314.	5.4	33
103	Systems Biology Approaches for Inflammatory Bowel Disease. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 2104-2114.	1.9	32
104	Dynamic efficiency of the human intestinal microbiota. <i>Critical Reviews in Microbiology</i> , 2015, 41, 165-171.	6.1	32
105	Characterization of the human DNA gut virome across populations with different subsistence strategies and geographical origin. <i>Environmental Microbiology</i> , 2017, 19, 4728-4735.	3.8	32
106	Changes in gut microbiota in the acute phase after spinal cord injury correlate with severity of the lesion. <i>Scientific Reports</i> , 2021, 11, 12743.	3.3	31
107	Gut microbiome in pediatric acute leukemia: from predisposition to cure. <i>Blood Advances</i> , 2021, 5, 4619-4629.	5.2	31
108	A Versatile New Model of Chemically Induced Chronic Colitis Using an Outbred Murine Strain. <i>Frontiers in Microbiology</i> , 2018, 9, 565.	3.5	30

#	ARTICLE	IF	CITATIONS
109	Human Milk's Hidden Gift: Implications of the Milk Microbiome for Preterm Infants' Health. <i>Nutrients</i> , 2019, 11, 2944.	4.1	30
110	Towards microbiome-informed dietary recommendations for promoting metabolic and mental health: Opinion papers of the MyNewGut project. <i>Clinical Nutrition</i> , 2018, 37, 2191-2197.	5.0	29
111	Components of a Neanderthal gut microbiome recovered from fecal sediments from El Salt. <i>Communications Biology</i> , 2021, 4, 169.	4.4	28
112	Characterization and molecular cloning of <i>Bifidobacterium longum</i> cryptic plasmid pMB1. <i>Letters in Applied Microbiology</i> , 1990, 11, 220-223.	2.2	27
113	Novel Targets of Sulforaphane in Primary Cardiomyocytes Identified by Proteomic Analysis. <i>PLoS ONE</i> , 2013, 8, e83283.	2.5	26
114	A Mediterranean Diet Mix Has Chemopreventive Effects in a Murine Model of Colorectal Cancer Modulating Apoptosis and the Gut Microbiota. <i>Frontiers in Oncology</i> , 2019, 9, 140.	2.8	26
115	The Three Genetics (Nuclear DNA, Mitochondrial DNA, and Gut Microbiome) of Longevity in Humans Considered as Metaorganisms. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	25
116	The gut microbiome in pediatric patients undergoing allogeneic hematopoietic stem cell transplantation. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28711.	1.5	25
117	Gastric Adenocarcinomas and Signet-Ring Cell Carcinoma: Unraveling Gastric Cancer Complexity through Microbiome Analysis—Deepening Heterogeneity for a Personalized Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9735.	4.1	25
118	Microbiota and lifestyle interactions through the lifespan. <i>Trends in Food Science and Technology</i> , 2016, 57, 265-272.	15.1	24
119	Impact of lignans in oilseed mix on gut microbiome composition and enterolignan production in younger healthy and premenopausal women: an in vitro pilot study. <i>Microbial Cell Factories</i> , 2020, 19, 82.	4.0	24
120	Use of protoplast fusion to introduce methionine overproduction into <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 1988, 28, 268.	3.6	23
121	Efficacy of Rifaximin Vaginal Tablets in Treatment of Bacterial Vaginosis: a Molecular Characterization of the Vaginal Microbiota. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4062-4070.	3.2	23
122	Gut Microbiota Dynamics during Chemotherapy in Epithelial Ovarian Cancer Patients Are Related to Therapeutic Outcome. <i>Cancers</i> , 2021, 13, 3999.	3.7	23
123	Ex-vivo and in-vitro assessment of mucoadhesive patches containing the gel-forming polysaccharide psyllium for buccal delivery of chlorhexidine base. <i>International Journal of Pharmaceutics</i> , 2015, 496, 593-600.	5.2	22
124	Early-life gut microbiota and neurodevelopment in preterm infants: any role for <i>Bifidobacterium</i> ?. <i>European Journal of Pediatrics</i> , 2022, 181, 1773-1777.	2.7	22
125	HumanMycobiomeScan: a new bioinformatics tool for the characterization of the fungal fraction in metagenomic samples. <i>BMC Genomics</i> , 2019, 20, 496.	2.8	21
126	Molecular and phenotypic traits of in-vitro-selected mutants of <i>Bifidobacterium</i> resistant to rifaximin. <i>International Journal of Antimicrobial Agents</i> , 2008, 31, 555-560.	2.5	20



#	ARTICLE	IF	CITATIONS
127	Variation of Carbohydrate-Active Enzyme Patterns in the Gut Microbiota of Italian Healthy Subjects and Type 2 Diabetes Patients. <i>Frontiers in Microbiology</i> , 2017, 8, 2079.	3.5	20
128	Microbiome-Derived Metabolites in Allogeneic Hematopoietic Stem Cell Transplantation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1197.	4.1	20
129	Proteome profiles of vaginal fluids from women affected by bacterial vaginosis and healthy controls: outcomes of rifaximin treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2648-2659.	3.0	19
130	The Enterocyte-Associated Intestinal Microbiota of Breast-Fed Infants and Adults Responds Differently to a TNF- $\alpha$ -Mediated Pro-Inflammatory Stimulus. <i>PLoS ONE</i> , 2013, 8, e81762.	2.5	19
131	Antagonistic mechanisms of symbiosis between <i>Lactobacillus plantarum</i> CIF17AN2 and green banana starch in the proximal colon model challenged with <i>Salmonella Typhimurium</i> . <i>Anaerobe</i> , 2014, 28, 44-53.	2.1	19
132	Development of a Microarray-Based Tool To Characterize Vaginal Bacterial Fluctuations and Application to a Novel Antibiotic Treatment for Bacterial Vaginosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2825-2834.	3.2	19
133	Gut resistome plasticity in pediatric patients undergoing hematopoietic stem cell transplantation. <i>Scientific Reports</i> , 2019, 9, 5649.	3.3	19
134	Patterns in microbiome composition differ with ocean acidification in anatomic compartments of the Mediterranean coral <i>Astroides calycularis</i> living at CO <sub>2</sub> vents. <i>Science of the Total Environment</i> , 2020, 724, 138048.	8.0	19
135	Fecal Microbiota Transplantation in Allogeneic Hematopoietic Stem Cell Transplantation Recipients: A Systematic Review. <i>Journal of Personalized Medicine</i> , 2021, 11, 100.	2.5	19
136	The determination of the handedness of cholesteric superhelices formed by DNA fragments. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 953.	2.0	18
137	Genetic and proteomic characterization of rifaximin resistance in <i>Bifidobacterium infantis</i> BI07. <i>Research in Microbiology</i> , 2007, 158, 355-362.	2.1	17
138	Enterocyte-Associated Microbiome of the Hadza Hunter-Gatherers. <i>Frontiers in Microbiology</i> , 2016, 7, 865.	3.5	17
139	In Vivo Effects of Einkorn Wheat ( <i>Triticum monococcum</i> ) Bread on the Intestinal Microbiota, Metabolome, and on the Glycemic and Insulinemic Response in the Pig Model. <i>Nutrients</i> , 2019, 11, 16.	4.1	17
140	Inflammaging in Endemic Areas for Infectious Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 579972.	4.8	16
141	Influence of a High-Impact Multidimensional Rehabilitation Program on the Gut Microbiota of Patients with Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7173.	4.1	16
142	The Core Human Microbiome: Does It Exist and How Can We Find It? A Critical Review of the Concept. <i>Nutrients</i> , 2022, 14, 2872.	4.1	16
143	Early modifications of the gut microbiome in children with hepatic sinusoidal obstruction syndrome after hematopoietic stem cell transplantation. <i>Scientific Reports</i> , 2021, 11, 14307.	3.3	15
144	A Natural-Like Synthetic Small Molecule Impairs Bcr-Abl Signaling Cascades and Induces Megakaryocyte Differentiation in Erythroleukemia Cells. <i>PLoS ONE</i> , 2013, 8, e57650.	2.5	15

#	ARTICLE	IF	CITATIONS
145	Variations in the Post-weaning Human Gut Metagenome Profile As Result of Bifidobacterium Acquisition in the Western Microbiome. <i>Frontiers in Microbiology</i> , 2016, 07, 1058.	3.5	14
146	Gut microbiome response to short-term dietary interventions in reactive hypoglycemia subjects. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2927.	4.0	14
147	Febrile Neutropenia Duration Is Associated with the Severity of Gut Microbiota Dysbiosis in Pediatric Allogeneic Hematopoietic Stem Cell Transplantation Recipients. <i>Cancers</i> , 2022, 14, 1932.	3.7	14
148	Plasmid screening in thermophilic <i>Bacillus</i> : Physical characterization and molecular cloning. <i>Current Microbiology</i> , 1989, 19, 13-19.	2.2	13
149	Non-invasive Assessment of Fecal Stress Biomarkers in Hunting Dogs During Exercise and at Rest. <i>Frontiers in Veterinary Science</i> , 2020, 7, 126.	2.2	13
150	Study of stability of recombinant plasmids during the continuous culture of <i>Bacillus stearothermophilus</i> NUB3621 in nonselective medium. , 1997, 53, 507-514.		12
151	Plasminogen-dependent proteolytic activity in <i>Bifidobacterium lactis</i> . <i>Microbiology (United Kingdom)</i> , 2008, 154, 2457-2462.	1.8	12
152	The Human Gut Resistome up to Extreme Longevity. <i>MSphere</i> , 2021, 6, e0069121.	2.9	12
153	Antibiotics and probiotics in chronic pouchitis: a comparative proteomic approach. <i>World Journal of Gastroenterology</i> , 2010, 16, 30-41.	3.3	12
154	Influence of <i>Lactobacillus kefir</i> on Intestinal Microbiota and Fecal IgA Content of Healthy Dogs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 146.	2.2	11
155	Preface. <i>Mechanisms of Ageing and Development</i> , 2014, 136-137, 1-2.	4.6	10
156	Over-feeding the gut microbiome: A scoping review on health implications and therapeutic perspectives. <i>World Journal of Gastroenterology</i> , 2021, 27, 7041-7064.	3.3	10
157	Potential role of the gut microbiota in synthetic torpor and therapeutic hypothermia. <i>World Journal of Gastroenterology</i> , 2017, 23, 406.	3.3	9
158	A highly efficient electroporation system for transformation of <i>Bacillus licheniformis</i> . <i>Biotechnology Letters</i> , 1991, 5, 5-8.	0.5	8
159	Immunoregulatory activity of rifaximin associated with a resistant mutant of <i>Bifidobacterium infantis</i> . <i>International Journal of Antimicrobial Agents</i> , 2009, 33, 387-389.	2.5	7
160	The gut microbiome buffers dietary adaptation in Bronze Age domesticated dogs. <i>IScience</i> , 2021, 24, 102816.	4.1	7
161	Host Microbiomes in Tumor Precision Medicine: How far are we?. <i>Current Medicinal Chemistry</i> , 2022, 29, 3202-3230.	2.4	7
162	Identification and Characterization of Human Observational Studies in Nutritional Epidemiology on Gut Microbiomics for Joint Data Analysis. <i>Nutrients</i> , 2021, 13, 3292.	4.1	6

#	ARTICLE	IF	CITATIONS
163	Determination of oxalyl-coenzyme A decarboxylase activity in <i>Oxalobacter formigenes</i> and <i>Lactobacillus acidophilus</i> by capillary electrophoresis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 854, 350-356.	2.3	5
164	Relevance of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Plasminogen Binding Activity in the Human Gastrointestinal Microenvironment. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7072-7076.	3.1	5
165	Tumor Necrosis Factor Alpha Modulates the Dynamics of the Plasminogen-Mediated Early Interaction between <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> and Human Enterocytes. <i>Applied and Environmental Microbiology</i> , 2012, 78, 2465-2469.	3.1	5
166	G2S: A New Deep Learning Tool for Predicting Stool Microbiome Structure From Oral Microbiome Data. <i>Frontiers in Genetics</i> , 2021, 12, 644516.	2.3	5
167	Protocol for the Use of PCR-Denaturing Gradient Gel Electrophoresis and Quantitative PCR to Determine Vaginal Microflora Constitution and Pathogens in Bacterial Vaginosis. <i>Methods in Molecular Biology</i> , 2012, 903, 177-193.	0.9	5
168	Rapid MALDI-TOF-MS analysis in the study of interaction between whole bacterial cells and human target molecules: Binding of <i>Bifidobacterium</i> to human plasminogen. <i>Journal of Microbiological Methods</i> , 2008, 73, 276-278.	1.6	4
169	A novel combined approach based on HTF-Microbi.Array and qPCR for a reliable characterization of the <i>Bifidobacterium</i> -dominated gut microbiota of breast-fed infants. <i>FEMS Microbiology Letters</i> , 2013, 343, 121-126.	1.8	4
170	Twelve-Week Daily Consumption of ad hoc Fortified Milk with $\gamma$ -3, D, and Group B Vitamins Has a Positive Impact on Inflammaging Parameters: A Randomized Cross-Over Trial. <i>Nutrients</i> , 2020, 12, 3580.	4.1	4
171	An In Vitro Pilot Fermentation Study on the Impact of <i>Chlorella pyrenoidosa</i> on Gut Microbiome Composition and Metabolites in Healthy and Coeliac Subjects. <i>Molecules</i> , 2021, 26, 2330.	3.8	4
172	Searching for New Microbiome-Targeted Therapeutics through a Drug Repurposing Approach. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17277-17286.	6.4	4
173	<i>Bifidobacterium animalis</i> ssp. <i>lactis</i> BIO7 modulates the tumor necrosis factor alpha-dependent imbalances of the enterocyte-associated intestinal microbiota fraction. <i>FEMS Microbiology Letters</i> , 2014, 357, n/a-n/a.	1.8	3
174	Do the human gut metagenomic species possess the minimal set of core functionalities necessary for life?. <i>BMC Genomics</i> , 2020, 21, 678.	2.8	3
175	Gut Microbiota Role in Response to Checkpoint Inhibitor Treatment in Patients with Relapsed/Refractory B-Cell Hodgkin Lymphoma: The MICRO-Linf Study. <i>Blood</i> , 2021, 138, 2957-2957.	1.4	3
176	The Intestinal Microbiota and Aging. <i>World Review of Nutrition and Dietetics</i> , 2013, , 25-31.	0.3	2
177	Transformation of <i>Bacillus subtilis</i> PB1424 by Electroporation. , 2000, , 42-46.		2
178	The Gut Microbiota of an Individual Varies With Intercontinental Four-Month Stay Between Italy and Nigeria: A Pilot Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 725769.	3.9	2
179	Rifaximin modulates the colonic microbiota of patients with Crohn's disease: an in vitro approach using a continuous culture colonic model system—authors' response. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1194-1195.	3.0	1
180	Gut Microbiota Dysbiosis in Childhood Vasculitis: A Perspective Comparative Pilot Study. <i>Journal of Personalized Medicine</i> , 2022, 12, 973.	2.5	1

#	ARTICLE	IF	CITATIONS
181	Drying trials and protein enrichment by microbial growth on cane and beet molasses distillery stillage. <i>Applied Microbiology and Biotechnology</i> , 1985, 21, 187-188.	3.6	0
182	Metabonomics and Gut Microbial Paradigm in Healthy Aging. <i>Molecular and Integrative Toxicology</i> , 2015, , 169-184.	0.5	0