List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Gut Microbiota in Human Adults with Type 2 Diabetes Differs from Non-Diabetic Adults. PLoS ONE, 2010, 5, e9085.	2.5	2,309
2	Kombucha Beverage from Green, Black and Rooibos Teas: A Comparative Study Looking at Microbiology, Chemistry and Antioxidant Activity. Nutrients, 2019, 11, 1.	4.1	656
3	Early life treatment with vancomycin propagates Akkermansia muciniphila and reduces diabetes incidence in the NOD mouse. Diabetologia, 2012, 55, 2285-2294.	6.3	441
4	The microbiology of Ghanaian cocoa fermentations analysed using culture-dependent and culture-independent methods. International Journal of Food Microbiology, 2007, 114, 168-186.	4.7	272
5	Gut Microbiota Composition Is Correlated to Grid Floor Induced Stress and Behavior in the BALB/c Mouse. PLoS ONE, 2012, 7, e46231.	2.5	254
6	Patterns of Early Gut Colonization Shape Future Immune Responses of the Host. PLoS ONE, 2012, 7, e34043.	2.5	244
7	A prebiotic intervention study in children with autism spectrum disorders (ASDs). Microbiome, 2018, 6, 133.	11.1	232
8	Occurrence and diversity of yeasts involved in fermentation of West African cocoa beans. FEMS Yeast Research, 2005, 5, 441-453.	2.3	184
9	Quantitatively Different, yet Qualitatively Alike: A Meta-Analysis of the Mouse Core Gut Microbiome with a View towards the Human Gut Microbiome. PLoS ONE, 2013, 8, e62578.	2.5	182
10	ViableSaccharomyces cerevisiae cells at high concentrations cause early growth arrest of non-Saccharomyces yeasts in mixed cultures by a cell-cell contact-mediated mechanism. Yeast, 2003, 20, 331-341.	1.7	167
11	Variation in the gut microbiota of laboratory mice is related to both genetic and environmental factors. Comparative Medicine, 2010, 60, 336-47.	1.0	152
12	Faecal virome transplantation decreases symptoms of type 2 diabetes and obesity in a murine model. Gut, 2020, 69, 2122-2130.	12.1	142
13	Transfer of gut microbiota from lean and obese mice to antibiotic-treated mice. Scientific Reports, 2014, 4, 5922.	3.3	129
14	A Possible Link between Food and Mood: Dietary Impact on Gut Microbiota and Behavior in BALB/c Mice. PLoS ONE, 2014, 9, e103398.	2.5	124
15	Gut microbial markers are associated with diabetes onset, regulatory imbalance, and IFN-γ level in NOD Mice. Gut Microbes, 2015, 6, 101-109.	9.8	122
16	Influencing cocoa flavour using Pichia kluyveri and Kluyveromyces marxianus in a defined mixed starter culture for cocoa fermentation. International Journal of Food Microbiology, 2013, 167, 103-116.	4.7	121
17	Optimizing protocols for extraction of bacteriophages prior to metagenomic analyses of phage communities in the human gut. Microbiome, 2015, 3, 64.	11.1	117
18	Impact of starter cultures and fermentation techniques on the volatile aroma and sensory profile of chocolate. Food Research International, 2014, 63, 306-316.	6.2	111

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19	Taxonomic and molecular characterization of lactic acid bacteria and yeasts in nunu, a Ghanaian fermented milk product. Food Microbiology, 2013, 34, 277-283.	4.2	109
20	Yeast populations associated with Ghanaian cocoa fermentations analysed using denaturing gradient gel electrophoresis (DGGE). Yeast, 2005, 22, 271-284.	1.7	107
21	The microbiology of alkaline-fermentation of indigenous seeds used as food condiments in Africa and Asia. Critical Reviews in Microbiology, 2009, 35, 139-156.	6.1	106
22	Identification of lactic acid bacteria isolated from Tarhana, a traditional Turkish fermented food. International Journal of Food Microbiology, 2009, 135, 105-111.	4.7	102
23	A Maternal Gluten-Free Diet Reduces Inflammation and Diabetes Incidence in the Offspring of NOD Mice. Diabetes, 2014, 63, 2821-2832.	0.6	93
24	The biodiversity of predominant lactic acid bacteria in dolo and pito wort for the production of sorghum beer. Journal of Applied Microbiology, 2007, 103, 765-777.	3.1	89
25	Antimicrobial Susceptibility of Bacillus Strains Isolated from Primary Starters for African Traditional Bread Production and Characterization of the Bacitracin Operon and Bacitracin Biosynthesis. Applied and Environmental Microbiology, 2012, 78, 7903-7914.	3.1	89
26	Ghanaian Cocoa Bean Fermentation Characterized by Spectroscopic and Chromatographic Methods and Chemometrics. Journal of Food Science, 2010, 75, S300-7.	3.1	88
27	A bacteriophage cocktail targeting <i>Escherichia coli</i> reduces <i>E. coli</i> in simulated gut conditions, while preserving a non-targeted representative commensal normal microbiota. Gut Microbes, 2018, 9, 1-9.	9.8	87
28	Prevotella Abundance Predicts Weight Loss Success in Healthy, Overweight Adults Consuming a Whole-Grain Diet Ad Libitum: A Post Hoc Analysis of a 6-Wk Randomized Controlled Trial. Journal of Nutrition, 2019, 149, 2174-2181.	2.9	86
29	A polyphenol-enriched diet and Ascaris suum infection modulate mucosal immune responses and gut microbiota composition in pigs. PLoS ONE, 2017, 12, e0186546.	2.5	82
30	A traditional Sudanese fermented camel's milk product, Gariss, as a habitat of Streptococcus infantarius subsp. infantarius. International Journal of Food Microbiology, 2008, 127, 215-219.	4.7	81
31	Have you tried spermine? A rapid and cost-effective method to eliminate dextran sodium sulfate inhibition of PCR and RT-PCR. Journal of Microbiological Methods, 2018, 144, 1-7.	1.6	81
32	Thymus size and its correlates among children admitted with severe acute malnutrition: a cross-sectional study in Uganda. BMC Pediatrics, 2021, 21, 1.	1.7	81
33	Case Study of the Distribution of Mucosa-Associated Bifidobacterium Species, Lactobacillus Species, andOther Lactic Acid Bacteria in the HumanColon. Applied and Environmental Microbiology, 2003, 69, 7545-7548.	3.1	80
34	Early gradual feeding with bovine colostrum improves gut function and NEC resistance relative to infant formula in preterm pigs. American Journal of Physiology - Renal Physiology, 2015, 309, G310-G323.	3.4	80
35	Mode of Delivery Shapes Gut Colonization Pattern and Modulates Regulatory Immunity in Mice. Journal of Immunology, 2014, 193, 1213-1222.	0.8	76
36	Characterization of the gut microbiota in leptin deficient obese mice – Correlation to inflammatory and diabetic parameters. Research in Veterinary Science, 2014, 96, 241-250.	1.9	75

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37	The effect of bacteriocin-producing Lactobacillus plantarum strains on the intracellular pH of sessile and planktonic Listeria monocytogenes single cells. International Journal of Food Microbiology, 2010, 141, S53-S59.	4.7	70
38	Genotypic characterization and safety assessment of lactic acid bacteria from indigenous African fermented food products. BMC Microbiology, 2012, 12, 75.	3.3	69
39	Impact of the gut microbiota on rodent models of human disease. World Journal of Gastroenterology, 2014, 20, 17727-17736.	3.3	69
40	Beyond genetics. Influence of dietary factors and gut microbiota on type 1 diabetes. FEBS Letters, 2014, 588, 4234-4243.	2.8	66
41	Bacteriophage-mediated manipulation of the gut microbiome – promises and presents limitations. FEMS Microbiology Reviews, 2020, 44, 507-521.	8.6	65
42	Fecal filtrate transplantation protects against necrotizing enterocolitis. ISME Journal, 2022, 16, 686-694.	9.8	63
43	Viability of microencapsulated <i>Akkermansia muciniphila</i> and <i>Lactobacillus plantarum</i> during freeze-drying, storage and <i>in vitro</i> simulated upper gastrointestinal tract passage. Food and Function, 2018, 9, 5868-5879.	4.6	61
44	The microbiota of Lafun, an African traditional cassava food product. International Journal of Food Microbiology, 2009, 133, 22-30.	4.7	60
45	Prebiotic Effect of Lycopene and Dark Chocolate on Gut Microbiome with Systemic Changes in Liver Metabolism, Skeletal Muscles and Skin in Moderately Obese Persons. BioMed Research International, 2019, 2019, 1-15.	1.9	60
46	CoMiniGut—a small volume <i>in vitro</i> colon model for the screening of gut microbial fermentation processes. PeerJ, 2018, 6, e4268.	2.0	60
47	Occurrence and growth of yeasts in processed meat products – Implications for potential spoilage. Meat Science, 2008, 80, 919-926.	5.5	59
48	Effect of fecal microbiota transplantation route of administration on gut colonization and host response in preterm pigs. ISME Journal, 2019, 13, 720-733.	9.8	59
49	Virulent coliphages in 1-year-old children fecal samples are fewer, but more infectious than temperate coliphages. Nature Communications, 2020, 11, 378.	12.8	59
50	Investigating the long-term effect of subchronic phencyclidine-treatment on novel object recognition and the association between the gut microbiota and behavior in the animal model of schizophrenia. Physiology and Behavior, 2015, 141, 32-39.	2.1	56
51	Gut microbiota composition may relate to weight loss rate in obese pet dogs. Veterinary Medicine and Science, 2017, 3, 252-262.	1.6	56
52	Lacto-fermented sauerkraut improves symptoms in IBS patients independent of product pasteurisation – a pilot study. Food and Function, 2018, 9, 5323-5335.	4.6	56
53	Co-production of surfactin and a novel bacteriocin by Bacillus subtilis subsp. subtilis H4 isolated from Bikalga, an African alkaline Hibiscus sabdariffa seed fermented condiment. International Journal of Food Microbiology, 2013, 162, 297-307.	4.7	55
54	Mouse Vendor Influence on the Bacterial and Viral Gut Composition Exceeds the Effect of Diet. Viruses, 2019, 11, 435.	3.3	55

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55	Enteral but not parenteral antibiotics enhance gut function and prevent necrotizing enterocolitis in formula-fed newborn preterm pigs. American Journal of Physiology - Renal Physiology, 2016, 310, G323-G333.	3.4	53
56	Sensitivity to oxazolone induced dermatitis is transferable with gut microbiota in mice. Scientific Reports, 2017, 7, 44385.	3.3	52
57	Housing temperature influences exercise training adaptations in mice. Nature Communications, 2020, 11, 1560.	12.8	52
58	Linking cocoa varietals and microbial diversity of Nicaraguan fine cocoa bean fermentations and their impact on final cocoa quality appreciation. International Journal of Food Microbiology, 2019, 304, 106-118.	4.7	49
59	Impact of Diet on the Intestinal Microbiota in 10-month-old Infants. Journal of Pediatric Gastroenterology and Nutrition, 2007, 44, 613-618.	1.8	48
60	Weissella beninensis sp. nov., a motile lactic acid bacterium from submerged cassava fermentations, and emended description of the genus Weissella. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2193-2198.	1.7	48
61	Gut microbiota regulates NKG2D ligand expression on intestinal epithelial cells. European Journal of Immunology, 2013, 43, 447-457.	2.9	47
62	Manipulation of the gut microbiota in C57BL/6 mice changes glucose tolerance without affecting weight development and gut mucosal immunity. Research in Veterinary Science, 2012, 92, 501-508.	1.9	46
63	Whole-Grain Rye and Wheat Affect Some Markers of Gut Health without Altering the Fecal Microbiota in Healthy Overweight Adults: A 6-Week Randomized Trial. Journal of Nutrition, 2017, 147, 2067-2075.	2.9	46
64	Dietary cinnamaldehyde enhances acquisition of specific antibodies following helminth infection in pigs. Veterinary Immunology and Immunopathology, 2017, 189, 43-52.	1.2	46
65	The Antibacterial Effect <i> In Vitro</i> of Honey Derived from Various Danish Flora. Dermatology Research and Practice, 2018, 2018, 1-10.	0.8	46
66	Microorganisms associated with Maari, a Baobab seed fermented product. International Journal of Food Microbiology, 2010, 142, 292-301.	4.7	45
67	Identification of lactic acid bacteria isolated during traditional fura processing in Ghana. Food Microbiology, 2012, 32, 72-78.	4.2	45
68	Survival of Lactobacillus acidophilus NCFM® and Bifidobacterium lactis HN019 encapsulated in chocolate during inÂvitro simulated passage of the upper gastrointestinal tract. LWT - Food Science and Technology, 2016, 74, 404-410.	5.2	45
69	Lactobacillus ghanensis sp. nov., a motile lactic acid bacterium isolated from Ghanaian cocoa fermentations. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1468-1472.	1.7	44
70	Modulating the Gut Microbiota Improves Glucose Tolerance, Lipoprotein Profile and Atherosclerotic Plaque Development in ApoE-Deficient Mice. PLoS ONE, 2016, 11, e0146439.	2.5	44
71	Targeting gut microbiota and barrier function with prebiotics to alleviate autoimmune manifestations in NOD mice. Diabetologia, 2019, 62, 1689-1700.	6.3	43
72	Family relationship of female breeders reduce the systematic inter-individual variation in the gut microbiota of inbred laboratory mice. Laboratory Animals, 2010, 44, 283-289.	1.0	42

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73	Neonatal gut and immune maturation is determined more by postnatal age than by postconceptional age in moderately preterm pigs. American Journal of Physiology - Renal Physiology, 2018, 315, G855-G867.	3.4	41
74	Physical fitness in communityâ€dwelling older adults is linked to dietary intake, gut microbiota, and metabolomic signatures. Aging Cell, 2020, 19, e13105.	6.7	41
75	Genome binning of viral entities from bulk metagenomics data. Nature Communications, 2022, 13, 965.	12.8	41
76	Gut Microbiota in Children Hospitalized with Oedematous and Non-Oedematous Severe Acute Malnutrition in Uganda. PLoS Neglected Tropical Diseases, 2016, 10, e0004369.	3.0	40
77	Whey Protein Reduces Early Life Weight Gain in Mice Fed a High-Fat Diet. PLoS ONE, 2013, 8, e71439.	2.5	40
78	The relative glucose uptake abilities of non- Saccharomyces yeasts play a role in their coexistence with Saccharomyces cerevisiae in mixed cultures. Applied Microbiology and Biotechnology, 2004, 64, 543-550.	3.6	38
79	Dietary magnesium deficiency affects gut microbiota and anxiety-like behaviour in C57BL/6N mice. Acta Neuropsychiatrica, 2015, 27, 307-311.	2.1	38
80	Potential of Escherichia coli O157:H7 to persist and form viable but non-culturable cells on a food-contact surface subjected to cycles of soiling and chemical treatment. International Journal of Food Microbiology, 2010, 144, 96-103.	4.7	36
81	Counteracting Age-related Loss of Skeletal Muscle Mass: a clinical and ethnological trial on the role of protein supplementation and training load (CALM Intervention Study): study protocol for a randomized controlled trial. Trials, 2016, 17, 397.	1.6	36
82	Oral antibiotics increase blood neutrophil maturation and reduce bacteremia and necrotizing enterocolitis in the immediate postnatal period of preterm pigs. Innate Immunity, 2016, 22, 51-62.	2.4	36
83	Ingestion of an Inulinâ€Enriched Pork Sausage Product Positively Modulates the Gut Microbiome and Metabolome of Healthy Rats. Molecular Nutrition and Food Research, 2018, 62, e1800608.	3.3	36
84	Low-moisture food matrices as probiotic carriers. FEMS Microbiology Letters, 2019, 366, .	1.8	36
85	Characterization of the Vaginal DNA Virome in Health and Dysbiosis. Viruses, 2020, 12, 1143.	3.3	36
86	Faecal and caecal microbiota profiles of mice do not cluster in the same way. Laboratory Animals, 2012, 46, 231-236.	1.0	35
87	Cesarean Section Induces Microbiota-Regulated Immune Disturbances in C57BL/6 Mice. Journal of Immunology, 2019, 202, 142-150.	0.8	34
88	Pretreatment Prevotella-to-Bacteroides ratio and salivary amylase gene copy number as prognostic markers for dietary weight loss. American Journal of Clinical Nutrition, 2020, 111, 1079-1086.	4.7	34
89	The effect of daily protein supplementation, with or without resistance training for 1 year, on muscle size, strength, and function in healthy older adults: A randomized controlled trial. American Journal of Clinical Nutrition, 2021, 113, 790-800.	4.7	33
90	A Protocol for Extraction of Infective Viromes Suitable for Metagenomics Sequencing from Low Volume Fecal Samples. Viruses, 2019, 11, 667.	3.3	32

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91	Dried date paste as carrier of the proposed probiotic Bacillus coagulans BC4 and viability assessment during storage and simulated gastric passage. LWT - Food Science and Technology, 2019, 99, 197-201.	5.2	32
92	Gastrointestinal toxicity during induction treatment for childhood acute lymphoblastic leukemia: The impact of the gut microbiota. International Journal of Cancer, 2020, 147, 1953-1962.	5.1	32
93	Lysinibacillus louembei sp. nov., a spore-forming bacterium isolated from Ntoba Mbodi, alkaline fermented leaves of cassava from the Republic of the Congo. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4256-4262.	1.7	32
94	<i>Bacillus amyloliquefaciens</i> ssp. <i>plantarum</i> strains as potential protective starter cultures for the production of <i>Bikalga</i> , an alkaline fermented food. Journal of Applied Microbiology, 2013, 115, 133-146.	3.1	30
95	Fermentation of African kale ( Brassica carinata ) using L. plantarum BFE 5092 and L. fermentum BFE 6620 starter strains. International Journal of Food Microbiology, 2016, 238, 103-112.	4.7	30
96	Long-term Western diet fed apolipoprotein E-deficient rats exhibit only modest early atherosclerotic characteristics. Scientific Reports, 2018, 8, 5416.	3.3	30
97	Restitution of gut microbiota in Ugandan children administered with probiotics ( <i>Lactobacillus) Tj ETQq1 1 0.73</i>	84314 rgB 9.8	T /Overlock 30
	severe acute malnutrition. Gut Microbes, 2020, 11, 855-867.		
98	Response of <i>Listeria monocytogenes</i> to Disinfection Stress at the Single-Cell and Population Levels as Monitored by Intracellular pH Measurements and Viable-Cell Counts. Applied and Environmental Microbiology, 2009, 75, 4550-4556.	3.1	29
99	Initial adhesion of Listeria monocytogenes to solid surfaces under liquid flow. International Journal of Food Microbiology, 2012, 152, 181-188.	4.7	29
100	Biodiversity of aerobic endospore-forming bacterial species occurring in Yanyanku and Ikpiru, fermented seeds of Hibiscus sabdariffa used to produce food condiments in Benin. International Journal of Food Microbiology, 2013, 163, 231-238.	4.7	29
101	Strategies to increase the stability of intermediate moisture foods towards Zygosaccharomyces rouxii: The effect of temperature, ethanol, pH and water activity, with or without the influence of organic acids. Food Microbiology, 2015, 45, 119-125.	4.2	29
102	Variability of Baobab (Adansonia digitata L.) fruits' physical characteristics and nutrient content in the West African Sahel. Agroforestry Systems, 2012, 85, 455-463.	2.0	28
103	Lactobacillus delbrueckii subsp. jakobsenii subsp. nov., isolated from dolo wort, an alcoholic fermented beverage in Burkina Faso. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3720-3726.	1.7	28
104	Identification and characterisation of organisms associated with chocolate pralines and sugar syrups used for their production. International Journal of Food Microbiology, 2014, 185, 167-176.	4.7	28
105	A Review of Applied Aspects of Dealing with Gut Microbiota Impact on Rodent Models. ILAR Journal, 2015, 56, 250-264.	1.8	28
106	Dark chocolate as a stable carrier of microencapsulated <i>Akkermansia muciniphila</i> and <i>Lactobacillus casei</i> FEMS Microbiology Letters, 2019, 366, .	1.8	28
107	Hanseniaspora jakobsenii sp. nov., a yeast isolated from Bandji, a traditional palm wine of Borassus akeassii. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3576-3579.	1.7	28
108	Identification and safety evaluation of Bacillus species occurring in high numbers during spontaneous fermentations to produce Gergoush, a traditional Sudanese bread snack. International Journal of Food Microbiology, 2011, 146, 244-252.	4.7	27

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109	Impact of Early Exposure to Cefuroxime on the Composition of the Gut Microbiota in Infants Following Cesarean Delivery. Journal of Pediatrics, 2019, 210, 99-105.e2.	1.8	27
110	Occurrence of lactic acid bacteria and yeasts at species and strain level during spontaneous fermentation of mawÃ", a cereal dough produced in West Africa. Food Microbiology, 2018, 76, 267-278.	4.2	26
111	Lactose and Bovine Milk Oligosaccharides Synergistically StimulateB. longumsubsp.longumGrowth in a Simplified Model of the Infant Gut Microbiome. Journal of Proteome Research, 2019, 18, 3086-3098.	3.7	26
112	The effect of early probiotic exposure on the preterm infant gut microbiome development. Gut Microbes, 2021, 13, 1951113.	9.8	26
113	A high-throughput qPCR system for simultaneous quantitative detection of dairy Lactococcus lactis and Leuconostoc bacteriophages. PLoS ONE, 2017, 12, e0174223.	2.5	26
114	Development of starter culture for improved processing of Lafun, an African fermented cassava food product. Journal of Applied Microbiology, 2010, 109, 1402-1410.	3.1	25
115	Investigating the fermentation of cocoa by correlating Denaturing Gradient Gel Electrophoresis profiles and Near Infrared spectra. International Journal of Food Microbiology, 2008, 125, 133-140.	4.7	24
116	The influence of the young microbiome on inflammatory diseases—Lessons from animal studies. Birth Defects Research Part C: Embryo Today Reviews, 2015, 105, 278-295.	3.6	24
117	Effect of processing on <i>in vitro</i> digestibility (IVPD) of food proteins. Critical Reviews in Food Science and Nutrition, 2023, 63, 2790-2839.	10.3	24
118	Host-Specific and pH-Dependent Microbiomes of Copepods in an Extensive Rearing System. PLoS ONE, 2015, 10, e0132516.	2.5	24
119	TL1A regulates TCRγÎ′ <sup>+</sup> intraepithelial lymphocytes and gut microbial composition. European Journal of Immunology, 2015, 45, 865-875.	2.9	23
120	Metagenomic Analysis of Dairy Bacteriophages: Extraction Method and Pilot Study on Whey Samples Derived from Using Undefined and Defined Mesophilic Starter Cultures. Applied and Environmental Microbiology, 2017, 83, .	3.1	23
121	Low glycaemic index foods from wild barley and amylose-only barley lines. Journal of Functional Foods, 2018, 40, 408-416.	3.4	23
122	Intracellular pH as an indicator of viability and resuscitation of Campylobacter jejuni after decontamination with lactic acid. International Journal of Food Microbiology, 2009, 135, 136-143.	4.7	22
123	Yarrowia divulgata f.a., sp. nov., a yeast species from animal-related and marine sources. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4818-4823.	1.7	22
124	Dietary Inulin and Trichuris suis Infection Promote Beneficial Bacteria Throughout the Porcine Gut. Frontiers in Microbiology, 2020, 11, 312.	3.5	22
125	Fate of CMY-2-Encoding Plasmids Introduced into the Human Fecal Microbiota by Exogenous <i>Escherichia coli</i> . Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	21
126	Fermentable Dietary Fiber Promotes Helminth Infection and Exacerbates Host Inflammatory Responses. Journal of Immunology, 2020, 204, 3042-3055.	0.8	21

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127	Treatment with a Monoclonal Anti-IL-12p40 Antibody Induces Substantial Gut Microbiota Changes in an Experimental Colitis Model. Gastroenterology Research and Practice, 2016, 2016, 1-12.	1.5	20
128	Provision of Amniotic Fluid During Parenteral Nutrition Increases Weight Gain With Limited Effects on Gut Structure, Function, Immunity, and Microbiology in Newborn Preterm Pigs. Journal of Parenteral and Enteral Nutrition, 2016, 40, 552-566.	2.6	20
129	Gastrointestinal microbiota and local inflammation during oxazolone-induced dermatitis in BALB/cA mice. Comparative Medicine, 2012, 62, 371-80.	1.0	20
130	From Alpha Diversity to Zzz: Interactions among sleep, the brain, and gut microbiota in the first year of life. Progress in Neurobiology, 2022, 209, 102208.	5.7	20
131	Candida halmiae sp. nov., Geotrichum ghanense sp. nov. and Candida awuaii sp. nov., isolated from Ghanaian cocoa fermentations. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1460-1465.	1.7	19
132	Inhibition of Bacillus cereus growth by bacteriocin producing Bacillus subtilis isolated from fermented baobab seeds (maari) is substrate dependent. International Journal of Food Microbiology, 2013, 162, 114-119.	4.7	19
133	Effects of Calcium Source, Inulin, and Lactose on Gutâ€Bone Associations in an Ovarierectomized Rat Model. Molecular Nutrition and Food Research, 2022, 66, e2100883.	3.3	19
134	Bacteriocin formation by dominant aerobic sporeformers isolated from traditional maari. International Journal of Food Microbiology, 2012, 154, 10-18.	4.7	18
135	Intracellular pH of Mycobacterium avium subsp. paratuberculosis following exposure to antimicrobial compounds monitored at the single cell level. International Journal of Food Microbiology, 2010, 141, S188-S192.	4.7	17
136	Bovine Milk Oligosaccharides with Sialyllactose for Preterm Piglets. Nutrients, 2018, 10, 1489.	4.1	17
137	Identification of the predominant microbiota during production of lait caillé, a spontaneously fermented milk product made in Burkina Faso. World Journal of Microbiology and Biotechnology, 2019, 35, 100.	3.6	17
138	Dietary prebiotics promote intestinal Prevotella in association with a low-responding phenotype in a murine oxazolone-induced model of atopic dermatitis. Scientific Reports, 2020, 10, 21204.	3.3	17
139	Impact of Dietary Supplementation of Lactic Acid Bacteria Fermented Rapeseed with or without Macroalgae on Performance and Health of Piglets Following Omission of Medicinal Zinc from Weaner Diets. Animals, 2020, 10, 137.	2.3	17
140	Removal of the phage-shock protein PspB causes reduction of virulence in Salmonella enterica serovar Typhimurium independently of NRAMP1. Journal of Medical Microbiology, 2014, 63, 788-795.	1.8	16
141	The effect of Lactobacillus paracasei subsp. paracasei L. casei W8® on blood levels of triacylglycerol is independent of colonisation. Beneficial Microbes, 2015, 6, 263-269.	2.4	16
142	Supplementation of a lacto-fermented rapeseed-seaweed blend promotes gut microbial- and gut immune-modulation in weaner piglets. Journal of Animal Science and Biotechnology, 2021, 12, 85.	5.3	16
143	Survival of lactic acid and chlorine dioxide treated Campylobacter jejuni under suboptimal conditions of pH, temperature and modified atmosphere. International Journal of Food Microbiology, 2010, 141, S140-S146.	4.7	15
144	It's Gettin' Hot in Here: Breeding Robust Yeast Starter Cultures for Cocoa Fermentation. Trends in Microbiology, 2016, 24, 168-170.	7.7	15

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145	Oral LPS Dosing Induces Local Immunological Changes in the Pancreatic Lymph Nodes in Mice. Journal of Diabetes Research, 2019, 2019, 1-9.	2.3	15
146	The microbial composition of dried fish prepared according to Greenlandic Inuit traditions and industrial counterparts. Food Microbiology, 2020, 85, 103305.	4.2	15
147	Sporofaciens musculi gen. nov., sp. nov., a novel bacterium isolated from the caecum of an obese mouse. International Journal of Systematic and Evolutionary Microbiology, 2019, 71, .	1.7	15
148	Cesarean section increases sensitivity to oxazolone-induced colitis in C57BL/6 mice. Mucosal Immunology, 2019, 12, 1348-1357.	6.0	14
149	The Gut Microbiome on a Periodized Low-Protein Diet Is Associated With Improved Metabolic Health. Frontiers in Microbiology, 2019, 10, 709.	3.5	14
150	Enteral broad-spectrum antibiotics antagonize the effect of fecal microbiota transplantation in preterm pigs. Gut Microbes, 2021, 13, 1-16.	9.8	14
151	Editorial: Microbial food and feed ingredients – reconciling tradition and novelty. FEMS Microbiology Letters, 2019, 366, .	1.8	13
152	Investigating Risk of Suboptimal Macro and Micronutrient Intake and Their Determinants in Older Danish Adults with Specific Focus on Protein Intake—A Cross-Sectional Study. Nutrients, 2019, 11, 795.	4.1	13
153	Lactobacillus rhamnosus GG Genomic and Phenotypic Stability in an Industrial Production Process. Applied and Environmental Microbiology, 2020, 86, .	3.1	13
154	A Bacteriophage Cocktail Significantly Reduces Listeria monocytogenes without Deleterious Impact on the Commensal Gut Microbiota under Simulated Gastrointestinal Conditions. Viruses, 2022, 14, 190.	3.3	13
155	Effect of the dietary polyacetylenes falcarinol and falcarindiol on the gut microbiota composition in a rat model of colorectal cancer. BMC Research Notes, 2018, 11, 411.	1.4	12
156	Inulin and milk mineral fortification of a pork sausage exhibits distinct effects on the microbiome and biochemical activity in the gut of healthy rats. Food Chemistry, 2020, 331, 127291.	8.2	12
157	Microbiota in foods from Inuit traditional hunting. PLoS ONE, 2020, 15, e0227819.	2.5	12
158	Partial Substitution of Meat with Insect (Alphitobius diaperinus) in a Carnivore Diet Changes the Gut Microbiome and Metabolome of Healthy Rats. Foods, 2021, 10, 1814.	4.3	12
159	Targeted Screening of Lactic Acid Bacteria With Antibacterial Activity Toward Staphylococcus aureus Clonal Complex Type 1 Associated With Atopic Dermatitis. Frontiers in Microbiology, 2021, 12, 733847.	3.5	12
160	Emerging interactions between diet, gastrointestinal helminth infection, and the gut microbiota in livestock. BMC Veterinary Research, 2021, 17, 62.	1.9	12
161	Growth/no growth models for Zygosaccharomyces rouxii associated with acidic, sweet intermediate moisture food products. International Journal of Food Microbiology, 2015, 192, 51-57.	4.7	11
162	The halfâ€life and exposure of cefuroxime varied in newborn infants after a Caesarean section. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 1074-1078.	1.5	11

#	Article	IF	CITATIONS
163	Correlates of Gut Function in Children Hospitalized for Severe Acute Malnutrition, a Crossâ€sectional Study in Uganda. Journal of Pediatric Gastroenterology and Nutrition, 2019, 69, 292-298.	1.8	11
164	The Microbiology of Cocoa Fermentation. , 2013, , 39-60.		10
165	Different microbiomes associated with the copepods Acartia tonsa and Temora longicornis from the same marine environment. Aquatic Microbial Ecology, 2016, 78, 1-9.	1.8	10
166	Gut microbiota recovery and immune response in ampicillin-treated mice. Research in Veterinary Science, 2018, 118, 357-364.	1.9	10
167	Nutrient Restriction has Limited Short-Term Effects on Gut, Immunity, and Brain Development in Preterm Pigs. Journal of Nutrition, 2020, 150, 1196-1207.	2.9	10
168	Metabolic Effects of Bovine Milk Oligosaccharides on Selected Commensals of the Infant Microbiome—Commensalism and Postbiotic Effects. Metabolites, 2020, 10, 167.	2.9	10
169	The phytonutrient cinnamaldehyde limits intestinal inflammation and enteric parasite infection. Journal of Nutritional Biochemistry, 2022, 100, 108887.	4.2	10
170	Postnatal Hematopoiesis and Gut Microbiota in NOD Mice Deviate from C57BL/6 Mice. Journal of Diabetes Research, 2016, 2016, 1-15.	2.3	9
171	Inter-vendor variance of enteric eukaryotic DNA viruses in specific pathogen free C57BL/6N mice. Research in Veterinary Science, 2021, 136, 1-5.	1.9	9
172	Gluten-free diet reduces autoimmune diabetes mellitus in mice across multiple generations in a microbiota-independent manner. Journal of Autoimmunity, 2022, 127, 102795.	6.5	9
173	Human Blood Lipoprotein Predictions from <sup>1</sup> H NMR Spectra: Protocol, Model Performances, and Cage of Covariance. Analytical Chemistry, 2022, 94, 628-636.	6.5	9
174	Selective inbreeding does not increase gut microbiota similarity in BALB/c mice. Laboratory Animals, 2012, 46, 335-337.	1.0	8
175	TL1A Aggravates Cytokine-Induced Acute Gut Inflammation and Potentiates Infiltration of Intraepithelial Natural Killer Cells in Mice. Inflammatory Bowel Diseases, 2019, 25, 510-523.	1.9	8
176	A Humanized Diet Profile May Facilitate Colonization and Immune Stimulation in Human Microbiota-Colonized Mice. Frontiers in Microbiology, 2020, 11, 1336.	3.5	8
177	Donor-dependent fecal microbiota transplantation efficacy against necrotizing enterocolitis in preterm pigs. Npj Biofilms and Microbiomes, 2022, 8, .	6.4	8
178	Partial Characterization of Bacteriocins Produced by Lactobacillus reuteri 2-20B and Pediococcus acidilactici 0-11A Isolated from Fura, a Millet-Based Fermented Food in Ghana. Journal of Food Research, 2012, 2, 50.	0.3	7
179	Draft Whole-Genome Sequence of Bacillus sonorensis Strain L12, a Source of Nonribosomal Lipopeptides. Genome Announcements, 2013, 1, e0009713.	0.8	7
180	Changes in Gut Microbiota Prior to Influenza A Virus Infection Do Not Affect Immune Responses in Pups or Juvenile Mice. Frontiers in Cellular and Infection Microbiology, 2018, 8, 319.	3.9	7

#	Article	IF	CITATIONS
181	DNA enrichment and tagmentation method for species-level identification and strain-level differentiation using ON-rep-seq. Communications Biology, 2019, 2, 369.	4.4	7
182	Bacterial species to be considered in quality assurance of mice and rats. Laboratory Animals, 2019, 53, 281-291.	1.0	7
183	Severe gut microbiota dysbiosis caused by malnourishment can be partly restored during 3 weeks of refeeding with fortified corn-soy-blend in a piglet model of childhood malnutrition. BMC Microbiology, 2019, 19, 277.	3.3	7
184	The Gut Microbiome and Abiotic Factors as Potential Determinants of Postprandial Glucose Responses: A Single-Arm Meal Study. Frontiers in Nutrition, 2020, 7, 594850.	3.7	7
185	An Oligosaccharide Rich Diet Increases Akkermansia spp. Bacteria in the Equine Microbiota. Frontiers in Microbiology, 2021, 12, 666039.	3.5	7
186	High throughput in vitro characterization of pectins for pig(let) nutrition. Animal Microbiome, 2021, 3, 69.	3.8	7
187	Human Fecal Metabolome Reflects Differences in Body Mass Index, Physical Fitness, and Blood Lipoproteins in Healthy Older Adults. Metabolites, 2021, 11, 717.	2.9	7
188	Parasite-Probiotic Interactions in the Gut: Bacillus sp. and Enterococcus faecium Regulate Type-2 Inflammatory Responses and Modify the Gut Microbiota of Pigs During Helminth Infection. Frontiers in Immunology, 2021, 12, 793260.	4.8	7
189	Dietary proanthocyanidins promote localized antioxidant responses in porcine pulmonary and gastrointestinal tissues during <i>Ascaris suum</i> â€induced type 2 inflammation. FASEB Journal, 2022, 36, e22256.	0.5	7
190	A culture-independent method for studying transfer of Incl1 plasmids from wild-type Escherichia coli in complex microbial communities. Journal of Microbiological Methods, 2018, 152, 18-26.	1.6	6
191	Preterm Birth Has Effects on Gut Colonization in Piglets Within the First 4 Weeks of Life. Journal of Pediatric Gastroenterology and Nutrition, 2019, 68, 727-733.	1.8	6
192	Effect of the gastrointestinal environment on pH homeostasis of Lactobacillus plantarum and Lactobacillus brevis cells as measured by real-time fluorescence ratio-imaging microscopy. Research in Microbiology, 2014, 165, 215-225.	2.1	5
193	Nunu, A West African Fermented Yogurt-Like Milk Product. , 2017, , 275-283.		5
194	Oral insulin does not alter gut microbiota composition of NOD mice. Diabetes/Metabolism Research and Reviews, 2018, 34, e3010.	4.0	5
195	Draft Genome Sequence of Streptococcus anginosus Strain CALM001, Isolated from the Gut of an Elderly Dane. Microbiology Resource Announcements, 2019, 8, .	0.6	5
196	Millet-based supplement restored gut microbial diversity of acute malnourished pigs. PLoS ONE, 2021, 16, e0250423.	2.5	5
197	Gut colonization in preterm infants supplemented with bovine colostrum in the first week of life: An explorative pilot study. Journal of Parenteral and Enteral Nutrition, 2022, 46, 592-599.	2.6	5
198	Microbial Diversity and Metabolite Profile of Fermenting Millet in the Production of Hausa koko, a Ghanaian Fermented Cereal Porridge. Frontiers in Microbiology, 2021, 12, 681983.	3.5	5

#	Article	IF	CITATIONS
199	In Vitro Screening and Evaluation of Synbiotics. , 2016, , 477-486.		4
200	Extraction and Purification of Viruses from Fecal Samples for Metagenome and Morphology Analyses. Methods in Molecular Biology, 2018, 1838, 49-57.	0.9	4
201	Short communication: Gut microbial colonization of the mouse colon using faecal transfer was equally effective when comparing rectal inoculation and oral inoculation based on 16S rRNA sequencing. Research in Veterinary Science, 2019, 126, 227-232.	1.9	4
202	High-Quality Draft Genome Sequence of Lactobacillus casei Strain Z11, Isolated from a Human Adult Intestinal Biopsy Sample. Genome Announcements, 2017, 5, .	0.8	3
203	Postnatal Administration of <i>Lactobacillus rhamnosus</i> HN001 Ameliorates Perinatal Broadâ€5pectrum Antibioticâ€Induced Reduction in Myelopoiesis and T Cell Activation in Mouse Pups. Molecular Nutrition and Food Research, 2018, 62, e1800510.	3.3	3
204	Color of Colon Content of Normal and Intrauterine Growth-Restricted Weaned Piglets Is Associated with Specific Microbial Taxa and Physiological Parameters. Animals, 2020, 10, 1073.	2.3	3
205	Effect of gluten-free diet and antibiotics on murine gut microbiota and immune response to tetanus vaccination. PLoS ONE, 2022, 17, e0266719.	2.5	3
206	Intracellular pH in <i>Campylobacter jejuni</i> When Treated with Aqueous Chlorine Dioxide. Foodborne Pathogens and Disease, 2011, 8, 325-328.	1.8	2
207	Investigation of the bacteriophage community in induced lysates of undefined mesophilic mixed-strain DL-cultures using classical and metagenomic approaches. International Journal of Food Microbiology, 2018, 272, 61-72.	4.7	2
208	Development of gastro-resistant coated probiotic granulates and evaluation of viability and release during simulated upper gastrointestinal transit. LWT - Food Science and Technology, 2021, 144, 111174.	5.2	2
209	Impaired skeletal muscle hypertrophy signaling and amino acid deprivation response in Apoe knockout mice with an unhealthy lipoprotein distribution. Scientific Reports, 2021, 11, 16423.	3.3	2
210	Analysis of Intracellular pH in Escherichia coli O157:H7 to Determine the Effect of Chlorine Dioxide Decontamination. Food Analytical Methods, 2012, 5, 327-331.	2.6	1
211	The potential of pectin to impact pig nutrition and health: feeding the animal and its microbiome. FEMS Microbiology Letters, 2019, 366, i68-i82.	1.8	1
212	Impact of the Gram-Negative-Selective Inhibitor MAC13243 on In Vitro Simulated Gut Microbiota. Pharmaceuticals, 2022, 15, 731.	3.8	1
213	Administration of Bovine Milk Oligosaccharide to Weaning Gnotobiotic Mice Inoculated with a Simplified Infant Type Microbiota. Microorganisms, 2021, 9, 1003.	3.6	0
214	Editorial: microbial food and feed ingredients – functionality and health. FEMS Microbiology Letters, 2021, 368, .	1.8	0
215	Application of Molecular Biology and Genomics of Probiotics for Enteric Cytoprotection. , 2011, , 133-153.		0
216	Dark chocolate as a stable carrier of microencapsulated Akkermansia muciniphila and Lactobacillus casei. FEMS Microbiology Letters, 2019, 366, i24-i29.	1.8	0

#	Article	IF	CITATIONS
217	Low-moisture food matrices as probiotic carriers. FEMS Microbiology Letters, 2019, 366, i49-i59.	1.8	0
218	Editorial: Microbial food and feed ingredients – reconciling tradition and novelty. FEMS Microbiology Letters, 2019, 366, i1-i2.	1.8	0
219	Colonic Lesions, Cytokine Profiles, and Gut Microbiota in Plasminogen-Deficient Mice. Comparative Medicine, 2015, 65, 382-97.	1.0	0