

# Dennis Sandris Nielsen

## List of Publications by Year in descending order

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219  
papers

12,021  
citations

41339

49  
h-index

34984

98  
g-index

237  
all docs

237  
docs citations

237  
times ranked

15924  
citing authors

#	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	Viable Saccharomyces 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- $\gamma$ 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. <i>Food Microbiology</i> , 2013, 34, 277-283.	4.2	109
20	Yeast populations associated with Ghanaian cocoa fermentations analysed using denaturing gradient gel electrophoresis (DGGE). <i>Yeast</i> , 2005, 22, 271-284.	1.7	107
21	The microbiology of alkaline-fermentation of indigenous seeds used as food condiments in Africa and Asia. <i>Critical Reviews in Microbiology</i> , 2009, 35, 139-156.	6.1	106
22	Identification of lactic acid bacteria isolated from Tarhana, a traditional Turkish fermented food. <i>International Journal of Food Microbiology</i> , 2009, 135, 105-111.	4.7	102
23	A Maternal Gluten-Free Diet Reduces Inflammation and Diabetes Incidence in the Offspring of NOD Mice. <i>Diabetes</i> , 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. <i>Journal of Applied Microbiology</i> , 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. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7903-7914.	3.1	89
26	Ghanaian Cocoa Bean Fermentation Characterized by Spectroscopic and Chromatographic Methods and Chemometrics. <i>Journal of Food Science</i> , 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. <i>Gut Microbes</i> , 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. <i>Journal of Nutrition</i> , 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. <i>PLoS ONE</i> , 2017, 12, e0186546.	2.5	82
30	A traditional Sudanese fermented camel's milk product, Gariss, as a habitat of Streptococcus infantarius subsp. infantarius. <i>International Journal of Food Microbiology</i> , 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. <i>Journal of Microbiological Methods</i> , 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. <i>BMC Pediatrics</i> , 2021, 21, 1.	1.7	81
33	Case Study of the Distribution of Mucosa-Associated Bifidobacterium Species, Lactobacillus Species, and Other Lactic Acid Bacteria in the Human Colon. <i>Applied and Environmental Microbiology</i> , 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. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G310-G323.	3.4	80
35	Mode of Delivery Shapes Gut Colonization Pattern and Modulates Regulatory Immunity in Mice. <i>Journal of Immunology</i> , 2014, 193, 1213-1222.	0.8	76
36	Characterization of the gut microbiota in leptin deficient obese mice – Correlation to inflammatory and diabetic parameters. <i>Research in Veterinary Science</i> , 2014, 96, 241-250.	1.9	75

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37	The effect of bacteriocin-producing <i>Lactobacillus plantarum</i> strains on the intracellular pH of sessile and planktonic <i>Listeria monocytogenes</i> single cells. <i>International Journal of Food Microbiology</i> , 2010, 141, S53-S59.	4.7	70
38	Genotypic characterization and safety assessment of lactic acid bacteria from indigenous African fermented food products. <i>BMC Microbiology</i> , 2012, 12, 75.	3.3	69
39	Impact of the gut microbiota on rodent models of human disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 17727-17736.	3.3	69
40	Beyond genetics. Influence of dietary factors and gut microbiota on type 1 diabetes. <i>FEBS Letters</i> , 2014, 588, 4234-4243.	2.8	66
41	Bacteriophage-mediated manipulation of the gut microbiome – promises and presents limitations. <i>FEMS Microbiology Reviews</i> , 2020, 44, 507-521.	8.6	65
42	Fecal filtrate transplantation protects against necrotizing enterocolitis. <i>ISME Journal</i> , 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. <i>Food and Function</i> , 2018, 9, 5868-5879.	4.6	61
44	The microbiota of Lafun, an African traditional cassava food product. <i>International Journal of Food Microbiology</i> , 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. <i>BioMed Research International</i> , 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. <i>PeerJ</i> , 2018, 6, e4268.	2.0	60
47	Occurrence and growth of yeasts in processed meat products – Implications for potential spoilage. <i>Meat Science</i> , 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. <i>ISME Journal</i> , 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. <i>Nature Communications</i> , 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. <i>Physiology and Behavior</i> , 2015, 141, 32-39.	2.1	56
51	Gut microbiota composition may relate to weight loss rate in obese pet dogs. <i>Veterinary Medicine and Science</i> , 2017, 3, 252-262.	1.6	56
52	Lacto-fermented sauerkraut improves symptoms in IBS patients independent of product pasteurisation – a pilot study. <i>Food and Function</i> , 2018, 9, 5323-5335.	4.6	56
53	Co-production of surfactin and a novel bacteriocin by <i>Bacillus subtilis</i> subsp. <i>subtilis</i> H4 isolated from Bikalga, an African alkaline <i>Hibiscus sabdariffa</i> seed fermented condiment. <i>International Journal of Food Microbiology</i> , 2013, 162, 297-307.	4.7	55
54	Mouse Vendor Influence on the Bacterial and Viral Gut Composition Exceeds the Effect of Diet. <i>Viruses</i> , 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. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G323-G333.	3.4	53
56	Sensitivity to oxazolone induced dermatitis is transferable with gut microbiota in mice. <i>Scientific Reports</i> , 2017, 7, 44385.	3.3	52
57	Housing temperature influences exercise training adaptations in mice. <i>Nature Communications</i> , 2020, 11, 1560.	12.8	52
58	Linking cocoa varieties and microbial diversity of Nicaraguan fine cocoa bean fermentations and their impact on final cocoa quality appreciation. <i>International Journal of Food Microbiology</i> , 2019, 304, 106-118.	4.7	49
59	Impact of Diet on the Intestinal Microbiota in 10-month-old Infants. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007, 44, 613-618.	1.8	48
60	<i>Weissella beninensis</i> sp. nov., a motile lactic acid bacterium from submerged cassava fermentations, and emended description of the genus <i>Weissella</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2193-2198.	1.7	48
61	Gut microbiota regulates NKG2D ligand expression on intestinal epithelial cells. <i>European Journal of Immunology</i> , 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. <i>Research in Veterinary Science</i> , 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. <i>Journal of Nutrition</i> , 2017, 147, 2067-2075.	2.9	46
64	Dietary cinnamaldehyde enhances acquisition of specific antibodies following helminth infection in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2017, 189, 43-52.	1.2	46
65	The Antibacterial Effect <i>In Vitro</i> of Honey Derived from Various Danish Flora. <i>Dermatology Research and Practice</i> , 2018, 2018, 1-10.	0.8	46
66	Microorganisms associated with Maari, a Baobab seed fermented product. <i>International Journal of Food Microbiology</i> , 2010, 142, 292-301.	4.7	45
67	Identification of lactic acid bacteria isolated during traditional fura processing in Ghana. <i>Food Microbiology</i> , 2012, 32, 72-78.	4.2	45
68	Survival of <i>Lactobacillus acidophilus</i> NCFM <sup>®</sup> and <i>Bifidobacterium lactis</i> HN019 encapsulated in chocolate during <i>in vitro</i> simulated passage of the upper gastrointestinal tract. <i>LWT - Food Science and Technology</i> , 2016, 74, 404-410.	5.2	45
69	<i>Lactobacillus ghanensis</i> sp. nov., a motile lactic acid bacterium isolated from Ghanaian cocoa fermentations. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 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. <i>PLoS ONE</i> , 2016, 11, e0146439.	2.5	44
71	Targeting gut microbiota and barrier function with prebiotics to alleviate autoimmune manifestations in NOD mice. <i>Diabetologia</i> , 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. <i>Laboratory Animals</i> , 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. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G855-G867.	3.4	41
74	Physical fitness in community-dwelling older adults is linked to dietary intake, gut microbiota, and metabolomic signatures. <i>Aging Cell</i> , 2020, 19, e13105.	6.7	41
75	Genome binning of viral entities from bulk metagenomics data. <i>Nature Communications</i> , 2022, 13, 965.	12.8	41
76	Gut Microbiota in Children Hospitalized with Oedematous and Non-Oedematous Severe Acute Malnutrition in Uganda. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004369.	3.0	40
77	Whey Protein Reduces Early Life Weight Gain in Mice Fed a High-Fat Diet. <i>PLoS ONE</i> , 2013, 8, e71439.	2.5	40
78	The relative glucose uptake abilities of non- <i>Saccharomyces</i> yeasts play a role in their coexistence with <i>Saccharomyces cerevisiae</i> in mixed cultures. <i>Applied Microbiology and Biotechnology</i> , 2004, 64, 543-550.	3.6	38
79	Dietary magnesium deficiency affects gut microbiota and anxiety-like behaviour in C57BL/6N mice. <i>Acta Neuropsychiatrica</i> , 2015, 27, 307-311.	2.1	38
80	Potential of <i>Escherichia coli</i> O157:H7 to persist and form viable but non-culturable cells on a food-contact surface subjected to cycles of soiling and chemical treatment. <i>International Journal of Food Microbiology</i> , 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. <i>Trials</i> , 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. <i>Innate Immunity</i> , 2016, 22, 51-62.	2.4	36
83	Ingestion of an Inulin-Enriched Pork Sausage Product Positively Modulates the Gut Microbiome and Metabolome of Healthy Rats. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800608.	3.3	36
84	Low-moisture food matrices as probiotic carriers. <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	36
85	Characterization of the Vaginal DNA Virome in Health and Dysbiosis. <i>Viruses</i> , 2020, 12, 1143.	3.3	36
86	Faecal and caecal microbiota profiles of mice do not cluster in the same way. <i>Laboratory Animals</i> , 2012, 46, 231-236.	1.0	35
87	Cesarean Section Induces Microbiota-Regulated Immune Disturbances in C57BL/6 Mice. <i>Journal of Immunology</i> , 2019, 202, 142-150.	0.8	34
88	Pretreatment <i>Prevotella</i> -to- <i>Bacteroides</i> ratio and salivary amylase gene copy number as prognostic markers for dietary weight loss. <i>American Journal of Clinical Nutrition</i> , 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. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 790-800.	4.7	33
90	A Protocol for Extraction of Infective Viromes Suitable for Metagenomics Sequencing from Low Volume Fecal Samples. <i>Viruses</i> , 2019, 11, 667.	3.3	32

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91	Dried date paste as carrier of the proposed probiotic <i>Bacillus coagulans</i> BC4 and viability assessment during storage and simulated gastric passage. <i>LWT - Food Science and Technology</i> , 2019, 99, 197-201.	5.2	32
92	Gastrointestinal toxicity during induction treatment for childhood acute lymphoblastic leukemia: The impact of the gut microbiota. <i>International Journal of Cancer</i> , 2020, 147, 1953-1962.	5.1	32
93	<i>Lysinibacillus louembei</i> sp. nov., a spore-forming bacterium isolated from Ntoba Mbodi, alkaline fermented leaves of cassava from the Republic of the Congo. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 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. <i>Journal of Applied Microbiology</i> , 2013, 115, 133-146.	3.1	30
95	Fermentation of African kale ( <i>Brassica carinata</i> ) using <i>L. plantarum</i> BFE 5092 and <i>L. fermentum</i> BFE 6620 starter strains. <i>International Journal of Food Microbiology</i> , 2016, 238, 103-112.	4.7	30
96	Long-term Western diet fed apolipoprotein E-deficient rats exhibit only modest early atherosclerotic characteristics. <i>Scientific Reports</i> , 2018, 8, 5416.	3.3	30
97	Restitution of gut microbiota in Ugandan children administered with probiotics ( <i>Lactobacillus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlook severe acute malnutrition. <i>Gut Microbes</i> , 2020, 11, 855-867.	9.8	30
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. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4550-4556.	3.1	29
99	Initial adhesion of <i>Listeria monocytogenes</i> to solid surfaces under liquid flow. <i>International Journal of Food Microbiology</i> , 2012, 152, 181-188.	4.7	29
100	Biodiversity of aerobic endospore-forming bacterial species occurring in Yanyanku and Ikpiru, fermented seeds of <i>Hibiscus sabdariffa</i> used to produce food condiments in Benin. <i>International Journal of Food Microbiology</i> , 2013, 163, 231-238.	4.7	29
101	Strategies to increase the stability of intermediate moisture foods towards <i>Zygosaccharomyces rouxii</i> : The effect of temperature, ethanol, pH and water activity, with or without the influence of organic acids. <i>Food Microbiology</i> , 2015, 45, 119-125.	4.2	29
102	Variability of Baobab ( <i>Adansonia digitata</i> L.) fruits' physical characteristics and nutrient content in the West African Sahel. <i>Agroforestry Systems</i> , 2012, 85, 455-463.	2.0	28
103	<i>Lactobacillus delbrueckii</i> subsp. <i>jakobsenii</i> subsp. nov., isolated from dolo wort, an alcoholic fermented beverage in Burkina Faso. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3720-3726.	1.7	28
104	Identification and characterisation of organisms associated with chocolate pralines and sugar syrups used for their production. <i>International Journal of Food Microbiology</i> , 2014, 185, 167-176.	4.7	28
105	A Review of Applied Aspects of Dealing with Gut Microbiota Impact on Rodent Models. <i>ILAR Journal</i> , 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> . <i>FEMS Microbiology Letters</i> , 2019, 366, .	1.8	28
107	<i>Hanseniaspora jakobsenii</i> sp. nov., a yeast isolated from Bandji, a traditional palm wine of Borassus akeassii. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3576-3579.	1.7	28
108	Identification and safety evaluation of <i>Bacillus</i> species occurring in high numbers during spontaneous fermentations to produce Gergoush, a traditional Sudanese bread snack. <i>International Journal of Food Microbiology</i> , 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. <i>Journal of Pediatrics</i> , 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 mawá, a cereal dough produced in West Africa. <i>Food Microbiology</i> , 2018, 76, 267-278.	4.2	26
111	Lactose and Bovine Milk Oligosaccharides Synergistically Stimulate <i>B. longum</i> subsp. <i>longum</i> Growth in a Simplified Model of the Infant Gut Microbiome. <i>Journal of Proteome Research</i> , 2019, 18, 3086-3098.	3.7	26
112	The effect of early probiotic exposure on the preterm infant gut microbiome development. <i>Gut Microbes</i> , 2021, 13, 1951113.	9.8	26
113	A high-throughput qPCR system for simultaneous quantitative detection of dairy <i>Lactococcus lactis</i> and <i>Leuconostoc</i> bacteriophages. <i>PLoS ONE</i> , 2017, 12, e0174223.	2.5	26
114	Development of starter culture for improved processing of Lafun, an African fermented cassava food product. <i>Journal of Applied Microbiology</i> , 2010, 109, 1402-1410.	3.1	25
115	Investigating the fermentation of cocoa by correlating Denaturing Gradient Gel Electrophoresis profiles and Near Infrared spectra. <i>International Journal of Food Microbiology</i> , 2008, 125, 133-140.	4.7	24
116	The influence of the young microbiome on inflammatory diseases—Lessons from animal studies. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2015, 105, 278-295.	3.6	24
117	Effect of processing on <i>in vitro</i> digestibility (IVPD) of food proteins. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 2790-2839.	10.3	24
118	Host-Specific and pH-Dependent Microbiomes of Copepods in an Extensive Rearing System. <i>PLoS ONE</i> , 2015, 10, e0132516.	2.5	24
119	TL1A regulates TCR $\beta$ <sup>+</sup> intraepithelial lymphocytes and gut microbial composition. <i>European Journal of Immunology</i> , 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. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	23
121	Low glycaemic index foods from wild barley and amylose-only barley lines. <i>Journal of Functional Foods</i> , 2018, 40, 408-416.	3.4	23
122	Intracellular pH as an indicator of viability and resuscitation of <i>Campylobacter jejuni</i> after decontamination with lactic acid. <i>International Journal of Food Microbiology</i> , 2009, 135, 136-143.	4.7	22
123	<i>Yarrowia divulgata</i> f.a., sp. nov., a yeast species from animal-related and marine sources. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4818-4823.	1.7	22
124	Dietary Inulin and <i>Trichuris suis</i> Infection Promote Beneficial Bacteria Throughout the Porcine Gut. <i>Frontiers in Microbiology</i> , 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> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	21
126	Fermentable Dietary Fiber Promotes Helminth Infection and Exacerbates Host Inflammatory Responses. <i>Journal of Immunology</i> , 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. <i>Gastroenterology Research and Practice</i> , 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. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 552-566.	2.6	20
129	Gastrointestinal microbiota and local inflammation during oxazolone-induced dermatitis in BALB/cA mice. <i>Comparative Medicine</i> , 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. <i>Progress in Neurobiology</i> , 2022, 209, 102208.	5.7	20
131	<i>Candida halmiae</i> sp. nov., <i>Geotrichum ghanense</i> sp. nov. and <i>Candida awuuii</i> sp. nov., isolated from Ghanaian cocoa fermentations. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1460-1465.	1.7	19
132	Inhibition of <i>Bacillus cereus</i> growth by bacteriocin producing <i>Bacillus subtilis</i> isolated from fermented baobab seeds (maari) is substrate dependent. <i>International Journal of Food Microbiology</i> , 2013, 162, 114-119.	4.7	19
133	Effects of Calcium Source, Inulin, and Lactose on Gut-Bone Associations in an Ovariectomized Rat Model. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100883.	3.3	19
134	Bacteriocin formation by dominant aerobic sporeformers isolated from traditional maari. <i>International Journal of Food Microbiology</i> , 2012, 154, 10-18.	4.7	18
135	Intracellular pH of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> following exposure to antimicrobial compounds monitored at the single cell level. <i>International Journal of Food Microbiology</i> , 2010, 141, S188-S192.	4.7	17
136	Bovine Milk Oligosaccharides with Sialyllactose for Preterm Piglets. <i>Nutrients</i> , 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. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 100.	3.6	17
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