

Dennis Sandris Nielsen

List of Publications by Year in Descending Order

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

216
papers

8,210
citations

42
h-index

84
g-index

236
ext. papers

10,184
ext. citations

5.1
avg, IF

6.01
L-index

#	Paper	IF	Citations
216	Gluten-free diet reduces autoimmune diabetes mellitus in mice across multiple generations in a microbiota-independent manner.. <i>Journal of Autoimmunity</i> , 2022 , 127, 102795	15.5	1
215	Effects of Calcium Source, Inulin and Lactose on Gut-Bone Associations in an Ovariectomized Rat Model.. <i>Molecular Nutrition and Food Research</i> , 2022 , e2100883	5.9	1
214	Genome binning of viral entities from bulk metagenomics data.. <i>Nature Communications</i> , 2022 , 13, 965	17.4	3
213	Dietary proanthocyanidins promote localized antioxidant responses in porcine pulmonary and gastrointestinal tissues during <i>Ascaris suum</i> -induced type 2 inflammation.. <i>FASEB Journal</i> , 2022 , 36, e22256	8.9	1
212	Effect of gluten-free diet and antibiotics on murine gut microbiota and immune response to tetanus vaccination.. <i>PLoS ONE</i> , 2022 , 17, e0266719	3.7	0
211	Parasite-Probiotic Interactions in the Gut: sp. and Regulate Type-2 Inflammatory Responses and Modify the Gut Microbiota of Pigs During Helminth Infection.. <i>Frontiers in Immunology</i> , 2021 , 12, 793260	8.4	0
210	From Alpha Diversity to Zzz: Interactions among sleep, the brain, and gut microbiota in the first year of life.. <i>Progress in Neurobiology</i> , 2021 , 209, 102208	10.9	1
209	The phytonutrient cinnamaldehyde limits intestinal inflammation and enteric parasite infection. <i>Journal of Nutritional Biochemistry</i> , 2021 , 100, 108887	6.3	2
208	High throughput in vitro characterization of pectins for pig(let) nutrition. <i>Animal Microbiome</i> , 2021 , 3, 69	4.1	1
207	Enteral broad-spectrum antibiotics antagonize the effect of fecal microbiota transplantation in preterm pigs. <i>Gut Microbes</i> , 2021 , 13, 1-16	8.8	5
206	Millet-based supplement restored gut microbial diversity of acute malnourished pigs. <i>PLoS ONE</i> , 2021 , 16, e0250423	3.7	1
205	An Oligosaccharide Rich Diet Increases spp. Bacteria in the Equine Microbiota. <i>Frontiers in Microbiology</i> , 2021 , 12, 666039	5.7	2
204	Inter-vendor variance of enteric eukaryotic DNA viruses in specific pathogen free C57BL/6N mice. <i>Research in Veterinary Science</i> , 2021 , 136, 1-5	2.5	2
203	Gut colonization in preterm infants supplemented with bovine colostrum in the first week of life: An explorative pilot study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021 ,	4.2	2
202	Development of gastro-resistant coated probiotic granulates and evaluation of viability and release during simulated upper gastrointestinal transit. <i>LWT - Food Science and Technology</i> , 2021 , 144, 111174	5.4	2
201	The effect of early probiotic exposure on the preterm infant gut microbiome development. <i>Gut Microbes</i> , 2021 , 13, 1951113	8.8	3
200	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	2.6	22

199	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	7	11
198	Supplementation of a lacto-fermented rapeseed-seaweed blend promotes gut microbial- and gut immune-modulation in weaner piglets. <i>Journal of Animal Science and Biotechnology</i> , 2021 , 12, 85	6	3
197	Microbial Diversity and Metabolite Profile of Fermenting Millet in the Production of , a Ghanaian Fermented Cereal Porridge. <i>Frontiers in Microbiology</i> , 2021 , 12, 681983	5.7	0
196	Impaired skeletal muscle hypertrophy signaling and amino acid deprivation response in Apoe knockout mice with an unhealthy lipoprotein distribution. <i>Scientific Reports</i> , 2021 , 11, 16423	4.9	
195	Targeted Screening of Lactic Acid Bacteria With Antibacterial Activity Toward Clonal Complex Type 1 Associated With Atopic Dermatitis. <i>Frontiers in Microbiology</i> , 2021 , 12, 733847	5.7	2
194	Effect of processing on digestibility (IVPD) of food proteins. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-50	11.5	2
193	Fecal filtrate transplantation protects against necrotizing enterocolitis. <i>ISME Journal</i> , 2021 ,	11.9	6
192	Emerging interactions between diet, gastrointestinal helminth infection, and the gut microbiota in livestock. <i>BMC Veterinary Research</i> , 2021 , 17, 62	2.7	2
191	Human Blood Lipoprotein Predictions from H NMR Spectra: Protocol, Model Performances, and Cage of Covariance.. <i>Analytical Chemistry</i> , 2021 ,	7.8	3
190	A Humanized Diet Profile May Facilitate Colonization and Immune Stimulation in Human Microbiota-Colonized Mice. <i>Frontiers in Microbiology</i> , 2020 , 11, 1336	5.7	5
189	Bacteriophage-mediated manipulation of the gut microbiome - promises and presents limitations. <i>FEMS Microbiology Reviews</i> , 2020 , 44, 507-521	15.1	24
188	Inulin and milk mineral fortification of a pork sausage exhibits distinct effects on the microbiome and biochemical activity in the gut of healthy rats. <i>Food Chemistry</i> , 2020 , 331, 127291	8.5	6
187	Dietary Inulin and Infection Promote Beneficial Bacteria Throughout the Porcine Gut. <i>Frontiers in Microbiology</i> , 2020 , 11, 312	5.7	11
186	Faecal virome transplantation decreases symptoms of type 2 diabetes and obesity in a murine model. <i>Gut</i> , 2020 , 69, 2122-2130	19.2	56
185	Housing temperature influences exercise training adaptations in mice. <i>Nature Communications</i> , 2020 , 11, 1560	17.4	23
184	Nutrient Restriction has Limited Short-Term Effects on Gut, Immunity, and Brain Development in Preterm Pigs. <i>Journal of Nutrition</i> , 2020 , 150, 1196-1207	4.1	4
183	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	7.5	15
182	Pretreatment Prevotella-to-Bacteroides 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	7	15

181	Lactobacillus rhamnosus GG Genomic and Phenotypic Stability in an Industrial Production Process. <i>Applied and Environmental Microbiology</i> , 2020 , 86,	4.8	7
180	Microbiota in foods from Inuit traditional hunting. <i>PLoS ONE</i> , 2020 , 15, e0227819	3.7	4
179	Physical fitness in community-dwelling older adults is linked to dietary intake, gut microbiota, and metabolomic signatures. <i>Aging Cell</i> , 2020 , 19, e13105	9.9	16
178	Impact of Dietary Supplementation of Fermented Rapeseed with or without Macroalgae on Performance and Health of Piglets Following Omission of Medicinal Zinc from Weaner Diets. <i>Animals</i> , 2020 , 10,	3.1	9
177	Restitution of gut microbiota in Ugandan children administered with probiotics (GG and subsp. BB-12) during treatment for severe acute malnutrition. <i>Gut Microbes</i> , 2020 , 11, 855-867	8.8	14
176	Virulent coliphages in 1-year-old children fecal samples are fewer, but more infectious than temperate coliphages. <i>Nature Communications</i> , 2020 , 11, 378	17.4	30
175	Metabolic Effects of Bovine Milk Oligosaccharides on Selected Commensals of the Infant Microbiome-Commensalism and Postbiotic Effects. <i>Metabolites</i> , 2020 , 10,	5.6	6
174	Fermentable Dietary Fiber Promotes Helminth Infection and Exacerbates Host Inflammatory Responses. <i>Journal of Immunology</i> , 2020 , 204, 3042-3055	5.3	6
173	Characterization of the Vaginal DNA Virome in Health and Dysbiosis. <i>Viruses</i> , 2020 , 12,	6.2	19
172	Dietary prebiotics promote intestinal Prevotella in association with a low-responding phenotype in a murine oxazolone-induced model of atopic dermatitis. <i>Scientific Reports</i> , 2020 , 10, 21204	4.9	3
171	The microbial composition of dried fish prepared according to Greenlandic Inuit traditions and industrial counterparts. <i>Food Microbiology</i> , 2020 , 85, 103305	6	10
170	The Gut Microbiome and Abiotic Factors as Potential Determinants of Postprandial Glucose Responses: A Single-Arm Meal Study. <i>Frontiers in Nutrition</i> , 2020 , 7, 594850	6.2	1
169	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	4.1	35
168	Cesarean section increases sensitivity to oxazolone-induced colitis in C57BL/6 mice. <i>Mucosal Immunology</i> , 2019 , 12, 1348-1357	9.2	8
167	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. <i>Research in Veterinary Science</i> , 2019 , 126, 227-232	2.5	3
166	Low-moisture food matrices as probiotic carriers. <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	18
165	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	4.4	10
164	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	5.8	21

163	Targeting gut microbiota and barrier function with prebiotics to alleviate autoimmune manifestations in NOD mice. <i>Diabetologia</i> , 2019 , 62, 1689-1700	10.3	29
162	Bacterial species to be considered in quality assurance of mice and rats. <i>Laboratory Animals</i> , 2019 , 53, 281-291	2.6	7
161	Mouse Vendor Influence on the Bacterial and Viral Gut Composition Exceeds the Effect of Diet. <i>Viruses</i> , 2019 , 11,	6.2	35
160	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. <i>Nutrients</i> , 2019 , 11,	6.7	11
159	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	3.6	16
158	Fate of CMY-2-Encoding Plasmids Introduced into the Human Fecal Microbiota by Exogenous. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	10
157	The Gut Microbiome on a Periodized Low-Protein Diet Is Associated With Improved Metabolic Health. <i>Frontiers in Microbiology</i> , 2019 , 10, 709	5.7	7
156	Oral LPS Dosing Induces Local Immunological Changes in the Pancreatic Lymph Nodes in Mice. <i>Journal of Diabetes Research</i> , 2019 , 2019, 1649279	3.9	5
155	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, 4625279	3	37
154	A Protocol for Extraction of Infective Viromes Suitable for Metagenomics Sequencing from Low Volume Fecal Samples. <i>Viruses</i> , 2019 , 11,	6.2	12
153	Lactose and Bovine Milk Oligosaccharides Synergistically Stimulate subsp. Growth in a Simplified Model of the Infant Gut Microbiome. <i>Journal of Proteome Research</i> , 2019 , 18, 3086-3098	5.6	15
152	DNA enrichment and tagmentation method for species-level identification and strain-level differentiation using ON-rep-seq. <i>Communications Biology</i> , 2019 , 2, 369	6.7	3
151	Dark chocolate as a stable carrier of microencapsulated Akkermansia muciniphila and Lactobacillus casei. <i>FEMS Microbiology Letters</i> , 2019 , 366, i24-i29	2.9	
150	Low-moisture food matrices as probiotic carriers. <i>FEMS Microbiology Letters</i> , 2019 , 366, i49-i59	2.9	
149	gen. nov., sp. nov., a novel bacterium isolated from the caecum of an obese mouse. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 71,	2.2	1
148	Correlates of Gut Function in Children Hospitalized for Severe Acute Malnutrition, a Cross-sectional Study in Uganda. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019 , 69, 292-298	2.8	4
147	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. <i>BMC Microbiology</i> , 2019 , 19, 277	4.5	5
146	Preterm Birth Has Effects on Gut Colonization in Piglets Within the First 4 Weeks of Life. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019 , 68, 727-733	2.8	4

145	TL1A Aggravates Cytokine-Induced Acute Gut Inflammation and Potentiates Infiltration of Intraepithelial Natural Killer Cells in Mice. <i>Inflammatory Bowel Diseases</i> , 2019 , 25, 510-523	4.5	3
144	Dark chocolate as a stable carrier of microencapsulated <i>Akkermansia muciniphila</i> and <i>Lactobacillus casei</i> . <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	10
143	Cesarean Section Induces Microbiota-Regulated Immune Disturbances in C57BL/6 Mice. <i>Journal of Immunology</i> , 2019 , 202, 142-150	5.3	21
142	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	11.9	32
141	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	5.4	22
140	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, 391-399	8.8	47
139	Long-term Western diet fed apolipoprotein E-deficient rats exhibit only modest early atherosclerotic characteristics. <i>Scientific Reports</i> , 2018 , 8, 5416	4.9	14
138	Oral insulin does not alter gut microbiota composition of NOD mice. <i>Diabetes/Metabolism Research and Reviews</i> , 2018 , 34, e3010	7.5	4
137	Gut microbiota recovery and immune response in ampicillin-treated mice. <i>Research in Veterinary Science</i> , 2018 , 118, 357-364	2.5	9
136	Investigation of the bacteriophage community in induced lysates of undefined mesophilic mixed-strain DL-cultures using classical and metagenomic approaches. <i>International Journal of Food Microbiology</i> , 2018 , 272, 61-72	5.8	2
135	A culture-independent method for studying transfer of IncI1 plasmids from wild-type <i>Escherichia coli</i> in complex microbial communities. <i>Journal of Microbiological Methods</i> , 2018 , 152, 18-26	2.8	2
134	The Antibacterial Effect of Honey Derived from Various Danish Flora. <i>Dermatology Research and Practice</i> , 2018 , 2018, 7021713	2	27
133	A prebiotic intervention study in children with autism spectrum disorders (ASDs). <i>Microbiome</i> , 2018 , 6, 133	16.6	134
132	Effect of the dietary polyacetylenes faltarinol and faltarindiol on the gut microbiota composition in a rat model of colorectal cancer. <i>BMC Research Notes</i> , 2018 , 11, 411	2.3	9
131	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	5.9	26
130	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	5.1	26
129	Extraction and Purification of Viruses from Fecal Samples for Metagenome and Morphology Analyses. <i>Methods in Molecular Biology</i> , 2018 , 1838, 49-57	1.4	1
128	Occurrence of lactic acid bacteria and yeasts at species and strain level during spontaneous fermentation of mawḥa cereal dough produced in West Africa. <i>Food Microbiology</i> , 2018 , 76, 267-278	6	14

127	CoMiniGut-a small volume colon model for the screening of gut microbial fermentation processes. <i>PeerJ</i> , 2018 , 6, e4268	3.1	33
126	Kombucha Beverage from Green, Black and Rooibos Teas: A Comparative Study Looking at Microbiology, Chemistry and Antioxidant Activity. <i>Nutrients</i> , 2018 , 11,	6.7	357
125	Low glycaemic index foods from wild barley and amylose-only barley lines. <i>Journal of Functional Foods</i> , 2018 , 40, 408-416	5.1	11
124	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	2.8	47
123	Viability of microencapsulated Akkermansia muciniphila and Lactobacillus plantarum during freeze-drying, storage and in vitro simulated upper gastrointestinal tract passage. <i>Food and Function</i> , 2018 , 9, 5868-5879	6.1	36
122	Changes in Gut Microbiota Prior to Influenza A Virus Infection Do Not Affect Immune Responses in Pups or Juvenile Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 319	5.9	5
121	Bovine Milk Oligosaccharides with Sialyllactose for Preterm Piglets. <i>Nutrients</i> , 2018 , 10,	6.7	12
120	Lacto-fermented sauerkraut improves symptoms in IBS patients independent of product pasteurisation - a pilot study. <i>Food and Function</i> , 2018 , 9, 5323-5335	6.1	32
119	Postnatal Administration of Lactobacillus rhamnosus HN001 Ameliorates Perinatal Broad-Spectrum Antibiotic-Induced Reduction in Myelopoiesis and T Cell Activation in Mouse Pups. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800510	5.9	1
118	Sensitivity to oxazolone induced dermatitis is transferable with gut microbiota in mice. <i>Scientific Reports</i> , 2017 , 7, 44385	4.9	36
117	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	4.1	30
116	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	3.7	39
115	High-Quality Draft Genome Sequence of Strain Z11, Isolated from a Human Adult Intestinal Biopsy Sample. <i>Genome Announcements</i> , 2017 , 5,		3
114	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,	4.8	13
113	Gut microbiota composition may relate to weight loss rate in obese pet dogs. <i>Veterinary Medicine and Science</i> , 2017 , 3, 252-262	2.1	26
112	Dietary cinnamaldehyde enhances acquisition of specific antibodies following helminth infection in pigs. <i>Veterinary Immunology and Immunopathology</i> , 2017 , 189, 43-52	2	35
111	Nunu, A West African Fermented Yogurt-Like Milk Product 2017 , 275-283		2
110	A high-throughput qPCR system for simultaneous quantitative detection of dairy Lactococcus lactis and Leuconostoc bacteriophages. <i>PLoS ONE</i> , 2017 , 12, e0174223	3.7	13

109	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, 552-66	4.2	19
108	Survival of <i>Lactobacillus acidophilus</i> NCFM [®] and <i>Bifidobacterium lactis</i> HN019 encapsulated in chocolate during in vitro simulated passage of the upper gastrointestinal tract. <i>LWT - Food Science and Technology</i> , 2016 , 74, 404-410	5.4	33
107	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	5.8	18
106	Different microbiomes associated with the copepods <i>Acartia tonsa</i> and <i>Temora longicornis</i> from the same marine environment. <i>Aquatic Microbial Ecology</i> , 2016 , 78, 1-9	1.1	6
105	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	2.8	28
104	It's Gettin' Hot in Here: Breeding Robust Yeast Starter Cultures for Cocoa Fermentation. <i>Trends in Microbiology</i> , 2016 , 24, 168-170	12.4	9
103	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	2.7	21
102	In Vitro Screening and Evaluation of Synbiotics 2016 , 477-486		4
101	Gut Microbiota in Children Hospitalized with Oedematous and Non-Oedematous Severe Acute Malnutrition in Uganda. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004369	4.8	35
100	Postnatal Hematopoiesis and Gut Microbiota in NOD Mice Deviate from C57BL/6 Mice. <i>Journal of Diabetes Research</i> , 2016 , 2016, 6321980	3.9	7
99	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, 4953120	2	13
98	Modulating the Gut Microbiota Improves Glucose Tolerance, Lipoprotein Profile and Atherosclerotic Plaque Development in ApoE-Deficient Mice. <i>PLoS ONE</i> , 2016 , 11, e0146439	3.7	31
97	The half-life and exposure of cefuroxime varied in newborn infants after a Caesarean section. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016 , 105, 1074-8	3.1	6
96	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, G323-33 ^{5.1}	5.1	31
95	A Review of Applied Aspects of Dealing with Gut Microbiota Impact on Rodent Models. <i>ILAR Journal</i> , 2015 , 56, 250-64	1.7	22
94	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, 119-25	6	23
93	Growth/no growth models for <i>Zygosaccharomyces rouxii</i> associated with acidic, sweet intermediate moisture food products. <i>International Journal of Food Microbiology</i> , 2015 , 192, 51-7	5.8	10
92	The effect of <i>Lactobacillus paracasei</i> subsp. <i>paracasei</i> L. casei W8 [®] on blood levels of triacylglycerol is independent of colonisation. <i>Beneficial Microbes</i> , 2015 , 6, 263-9	4.9	13

91	Dietary magnesium deficiency affects gut microbiota and anxiety-like behaviour in C57BL/6N mice. <i>Acta Neuropsychiatrica</i> , 2015 , 27, 307-11	3.9	27
90	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, 278-95		18
89	TL1A regulates TCR β intraepithelial lymphocytes and gut microbial composition. <i>European Journal of Immunology</i> , 2015 , 45, 865-75	6.1	19
88	Optimizing protocols for extraction of bacteriophages prior to metagenomic analyses of phage communities in the human gut. <i>Microbiome</i> , 2015 , 3, 64	16.6	81
87	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, G310-23	5.1	59
86	Gut microbial markers are associated with diabetes onset, regulatory imbalance, and IFN- γ level in NOD mice. <i>Gut Microbes</i> , 2015 , 6, 101-9	8.8	88
85	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, 32-9	3.5	43
84	Host-Specific and pH-Dependent Microbiomes of Copepods in an Extensive Rearing System. <i>PLoS ONE</i> , 2015 , 10, e0132516	3.7	15
83	Colonic Lesions, Cytokine Profiles, and Gut Microbiota in Plasminogen-Deficient Mice. <i>Comparative Medicine</i> , 2015 , 65, 382-97	1.6	
82	Hanseniasspora jakobsenii 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	2.2	12
81	Lysinibacillus louembei 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	2.2	21
80	Transfer of gut microbiota from lean and obese mice to antibiotic-treated mice. <i>Scientific Reports</i> , 2014 , 4, 5922	4.9	93
79	Beyond genetics. Influence of dietary factors and gut microbiota on type 1 diabetes. <i>FEBS Letters</i> , 2014 , 588, 4234-43	3.8	55
78	A maternal gluten-free diet reduces inflammation and diabetes incidence in the offspring of NOD mice. <i>Diabetes</i> , 2014 , 63, 2821-32	0.9	78
77	Removal of the phage-shock protein PspB causes reduction of virulence in Salmonella enterica serovar Typhimurium independently of NRAMP1. <i>Journal of Medical Microbiology</i> , 2014 , 63, 788-795	3.2	12
76	Effect of the gastrointestinal environment on pH homeostasis of Lactobacillus plantarum and Lactobacillus brevis cells as measured by real-time fluorescence ratio-imaging microscopy. <i>Research in Microbiology</i> , 2014 , 165, 215-25	4	5
75	Impact of starter cultures and fermentation techniques on the volatile aroma and sensory profile of chocolate. <i>Food Research International</i> , 2014 , 63, 306-316	7	83
74	Characterization of the gut microbiota in leptin deficient obese mice - Correlation to inflammatory and diabetic parameters. <i>Research in Veterinary Science</i> , 2014 , 96, 241-50	2.5	58

73	Mode of delivery shapes gut colonization pattern and modulates regulatory immunity in mice. <i>Journal of Immunology</i> , 2014 , 193, 1213-22	5.3	63
72	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, 167-76	5.8	19
71	Impact of the gut microbiota on rodent models of human disease. <i>World Journal of Gastroenterology</i> , 2014 , 20, 17727-36	5.6	55
70	A possible link between food and mood: dietary impact on gut microbiota and behavior in BALB/c mice. <i>PLoS ONE</i> , 2014 , 9, e103398	3.7	103
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9	Gut Mycobiome Dysbiosis Is Linked to Hypertriglyceridemia among Home Dwelling Elderly Danes		2
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7	Supplementation of a lacto-fermented rapeseed-seaweed blend promotes gut microbial- and gut immune-modulation in weaner piglets		1
6	Characterization of the vaginal DNA virome in health and dysbiosis: an opening study in patients with non-female factor infertility		3
5	Faecal virome transplantation decrease symptoms of type-2-diabetes and obesity in a murine model		3
4	Physical fitness in community dwelling older adults is linked to dietary intake, gut microbiota and metabolomic signatures		2
3	Prophages in the infant gut are largely induced, and may be functionally relevant to their hosts		3
2	Hundreds of viral families in the healthy infant gut		3

1 Human blood lipoprotein predictions from ^1H NMR spectra: protocol, model performances and
range of covariance

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