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2233	Microbial co-occurrence relationships in the human microbiome. 2012 , 8, e1002606		914
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2228	Is bile acid a determinant of the gut microbiota on a high-fat diet?. 2012 , 3, 455-9		128
2227	Food and the gut microbiota in inflammatory bowel diseases: a critical connection. 2012 , 28, 314-20		70
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2225	Taking a metagenomic view of human nutrition. 2012 , 15, 448-54		43
2224	Current opinion in gastroenterology. 2012 , 28, 547-50		3
2223	The role of whole grains in body weight regulation. 2012 , 3, 697-707		50
2222	The adult cystic fibrosis airway microbiota is stable over time and infection type, and highly resilient to antibiotic treatment of exacerbations. 2012 , 7, e45001		258
2221	Functional analysis of family GH36 β -galactosidases from <i>Ruminococcus gnavus</i> E1: insights into the metabolism of a plant oligosaccharide by a human gut symbiont. 2012 , 78, 7720-32		37

2220	Non-IgE mediated food allergy - update of recent progress in mucosal immunity. 2012 , 11, 382-96	10
2219	Towards a 'cure' for IBD. 2012 , 30, 428-33	16
2218	Stabilization of the murine gut microbiome following weaning. 2012 , 3, 383-93	86
2217	The human microbiome and its potential importance to pediatrics. 2012 , 129, 950-60	210
2216	The gut microbiota and its relationship to diet and obesity: new insights. 2012 , 3, 186-202	277
2215	GUT bacteria and aspartame: why are we surprised?. 2012 , 66, 972	2
2214	Hypervariable loci in the human gut virome. 2012 , 109, 3962-6	141
2213	Probiotics stimulate enterocyte migration and microbial diversity in the neonatal mouse intestine. 2012 , 26, 1960-9	78
2212	The gut microbiota, environment and diseases of modern society. 2012 , 3, 374-82	39
2211	Structural resilience of the gut microbiota in adult mice under high-fat dietary perturbations. 2012 , 6, 1848-57	294
2210	The gut microbiome: scourge, sentinel or spectator?. 2012 , 4,	38
2209	The fecal microbiome in dogs with acute diarrhea and idiopathic inflammatory bowel disease. 2012 , 7, e51907	237
2208	A core human microbiome as viewed through 16S rRNA sequence clusters. 2012 , 7, e34242	363
2207	Inclusion of chicory (<i>Cichorium intybus</i> L.) in pigs' diets affects the intestinal microenvironment and the gut microbiota. 2012 , 78, 4102-9	68
2206	The commensal microbiota drives immune homeostasis. 2012 , 3, 33	42
2205	Summary of the 24(th) Marabou Symposium: Nutrition and the human microbiome. 2012 , 70 Suppl 1, S87-94	5
2204	The impact of nutrition on the human microbiome. 2012 , 70 Suppl 1, S10-3	174
2203	Discussion from the 24(th) Marabou Symposium: Nutrition and the human microbiome. 2012 , 70 Suppl 1, S57-86	

2202	Role of the intestinal microbiome in health and disease: from correlation to causation. 2012 , 70 Suppl 1, S45-56	271
2201	Gut microbiota composition and activity in relation to host metabolic phenotype and disease risk. 2012 , 16, 559-64	316
2200	Chimpanzees and humans harbour compositionally similar gut enterotypes. 2012 , 3, 1179	91
2199	Defining a healthy human gut microbiome: current concepts, future directions, and clinical applications. 2012 , 12, 611-22	448
2198	An antiatherosclerotic signaling cascade involving intestinal microbiota, microRNA-10b, and ABCA1/ABCG1-mediated reverse cholesterol transport. 2012 , 111, 948-50	16
2197	Intestinal Microbes in Inflammatory Bowel Diseases. 2012 , 1, 15-21	145
2196	Metabolomics view on gut microbiome modulation by polyphenol-rich foods. 2012 , 11, 4781-90	172
2195	Analytical strategies for characterization and validation of functional dairy foods. 2012 , 41, 27-45	5
2194	Maternal diet: a modulator for epigenomic regulation during development in nonhuman primates and humans. 2012 , 2, S14-S18	13
2193	Microbial contact during pregnancy, intestinal colonization and human disease. 2012 , 9, 565-76	315
2192	Symptomatic atherosclerosis is associated with an altered gut metagenome. 2012 , 3, 1245	666
2191	The gut microbiota in 2011: Translating the microbiota to medicine. 2011 , 9, 72-4	23
2190	Data mining for microbiologists. 2012 , 39, 27-79	7
2189	Gut microbiota: Dietary and social modulation of gut microbiota in the elderly. 2012 , 9, 563-4	25
2188	Genomic approaches to studying the human microbiota. 2012 , 489, 250-6	342
2187	A tool kit for quantifying eukaryotic rRNA gene sequences from human microbiome samples. 2012 , 13, R60	92
2186	Microbial regulation of allergic responses to food. 2012 , 34, 671-88	33
2185	Host remodeling of the gut microbiome and metabolic changes during pregnancy. 2012 , 150, 470-80	1117

2184	Microbiota regulate intestinal absorption and metabolism of fatty acids in the zebrafish. 2012 , 12, 277-88	477
2183	The human gut microbiome: current knowledge, challenges, and future directions. 2012 , 160, 246-57	178
2182	The contributing role of the intestinal microbiota in stressor-induced increases in susceptibility to enteric infection and systemic immunomodulation. 2012 , 62, 286-94	41
2181	Obesity: Underlying Mechanisms and the Evolving Influence of Diet. 2012 , 1, 205-214	
2180	Development of an IPTG inducible expression vector adapted for <i>Bacteroides fragilis</i> . 2012 , 68, 86-92	8
2179	Measuring the microbiome: perspectives on advances in DNA-based techniques for exploring microbial life. 2012 , 13, 420-9	31
2178	Effects of gut microbes on nutrient absorption and energy regulation. 2012 , 27, 201-14	356
2177	Long-term cultivation-independent microbial diversity analysis demonstrates that bacterial communities infecting the adult cystic fibrosis lung show stability and resilience. 2012 , 67, 867-73	111
2176	Microbiome: Cultural differences. 2012 , 492, S14-5	13
2175	Associating microbiome composition with environmental covariates using generalized UniFrac distances. 2012 , 28, 2106-13	520
2174	The role of the gut microbiota in nutrition and health. 2012 , 9, 577-89	1119
2173	Enteric pathogens through life stages. 2012 , 2, 114	44
2172	Quantitative profiling of gut microbiota of children with diarrhea-predominant irritable bowel syndrome. 2012 , 107, 1740-51	131
2171	Spatial and temporal variability of the human microbiota. 2012 , 18 Suppl 4, 8-11	42
2170	Comparison of bacterial communities in faeces of beef cattle fed diets containing corn and wet distillers' grain with solubles. 2012 , 55, 109-14	30
2169	A metagenome-wide association study of gut microbiota in type 2 diabetes. 2012 , 490, 55-60	3779
2168	Nutrient signaling: evolutionary origins of the immune-modulating effects of dietary fat. 2012 , 87, 187-223	17
2167	The colonic microbiota and colonic disease. 2012 , 14, 446-52	17

2166	Categorization of the gut microbiota: enterotypes or gradients?. 2012 , 10, 591-2	179
2165	Dysbiosis of Gut Microbiota (DOGMA)--a novel theory for the development of Polycystic Ovarian Syndrome. 2012 , 79, 104-12	108
2164	The impact of the gut microbiota on human health: an integrative view. 2012 , 148, 1258-70	2117
2163	Intestinal commensals: influence on immune system and tolerance to pathogens. 2012 , 24, 255-60	21
2162	The function of our microbiota: who is out there and what do they do?. 2012 , 2, 104	240
2161	Association between the ABO blood group and the human intestinal microbiota composition. 2012 , 12, 94	68
2160	Gut-central nervous system axis is a target for nutritional therapies. 2012 , 11, 22	26
2159	The importance of the gut microbiota after bariatric surgery. 2012 , 9, 590-8	175
2158	The microbiome in infectious disease and inflammation. 2012 , 30, 759-95	524
2157	Data mining the human gut microbiota for therapeutic targets. 2012 , 13, 751-68	14
2156	The application of ecological theory toward an understanding of the human microbiome. <i>Science</i> , 2012 , 336, 1255-62	333 910
2155	Efficacy of hepatitis B vaccination and revaccination and factors impacting on response in patients with inflammatory bowel disease. 2012 , 107, 1460-6	98
2154	The gut microbiota in IBD. 2012 , 9, 599-608	759
2153	The impact of probiotics and prebiotics on the immune system. 2012 , 12, 728-34	170
2152	Functional interactions between the gut microbiota and host metabolism. 2012 , 489, 242-9	2716
2151	Up-regulating the human intestinal microbiome using whole plant foods, polyphenols, and/or fiber. 2012 , 60, 8776-82	202
2150	The relationship between gut microbiota and weight gain in humans. 2012 , 7, 91-109	235
2149	Obesity and the gut microbiome: Striving for causality. 2012 , 1, 21-31	74

2148	Human gut microbiota: repertoire and variations. 2012 , 2, 136	207
2147	The interpersonal and intrapersonal diversity of human-associated microbiota in key body sites. 2012 , 129, 1204-8	207
2146	Nous sommes tous des bacteries: implications for medicine, pharmacology and public health. 2012 , 84, 1543-50	12
2145	Viral interactions with the host and microbiota in the intestine. 2012 , 24, 405-10	25
2144	'Omics' of the mammalian gut--new insights into function. 2012 , 23, 491-500	27
2143	Toward improving technological and functional properties of probiotics in foods. 2012 , 26, 56-63	34
2142	Intestinal microbiota is a plastic factor responding to environmental changes. 2012 , 20, 385-91	107
2141	Implication du microbiote intestinal dans l'obésité et les pathologies associées : quelles perspectives thérapeutiques et nutritionnelles ?. 2012 , 7, 234-239	1
2140	Microbial degradation of complex carbohydrates in the gut. 2012 , 3, 289-306	1085
2139	Gut microbiota: Diet promotes dysbiosis and colitis in susceptible hosts. 2012 , 9, 561-2	32
2138	Does our food (environment) change our gut microbiome ('in-vironment'): a potential role for inflammatory bowel disease?. 2012 , 30 Suppl 3, 33-9	21
2137	Molecular nutrition research: the modern way of performing nutritional science. 2012 , 4, 1898-944	40
2136	Diversity, stability and resilience of the human gut microbiota. 2012 , 489, 220-30	2919
2135	The microbiome and inflammatory bowel disease: is there a therapeutic role for fecal microbiota transplantation?. 2012 , 107, 1452-9	146
2134	The chemopreventive role of dietary phytochemicals through gap junctional intercellular communication. 2012 , 11, 285-307	26
2133	Genes and 'in-vironment': how will our concepts on the pathophysiology of inflammatory bowel disease develop in the future?. 2012 , 30 Suppl 3, 2-11	37
2132	Ray Meta: scalable de novo metagenome assembly and profiling. 2012 , 13, R122	420
2131	Probiotics for human health -new innovations and emerging trends. 2012 , 4, 15	44

2130	Succession in the gut microbiome following antibiotic and antibody therapies for <i>Clostridium difficile</i> . 2012 , 7, e46966	67
2129	Insights from characterizing extinct human gut microbiomes. 2012 , 7, e51146	141
2128	Gut microbial 'enterotypes' become less clear-cut. 2012 ,	12
2127	Probiotics in Dairy Fermented Products. 2012 ,	2
2126	Dietary recommendations for patients with rheumatoid arthritis: a review. 2012 , 1	3
2125	Our Genome and Our other Genome: Understanding humans as Symbionts with Microbes. 2012 , 42, 101	0
2124	Antidiabetic Effects of Ginseng in Humans and Rodents. 2012 , 01,	5
2123	Human gut microbiome viewed across age and geography. 2012 , 486, 222-7	4616
2122	Composition and roles of intestinal microbiota in children. 2012 , 25 Suppl 1, 63-6	26
2121	Dysregulation of immune homeostasis in autoimmune diseases. 2012 , 18, 42-7	71
2120	The human microbiome: at the interface of health and disease. 2012 , 13, 260-70	2015
2119	Microbial interactions: from networks to models. 2012 , 10, 538-50	1607
2118	Gut microbiota composition correlates with diet and health in the elderly. 2012 , 488, 178-84	1987
2117	In vitro fermentation of potential prebiotic flours from natural sources: impact on the human colonic microbiota and metabolome. 2012 , 56, 1342-52	48
2116	Host-microbe interactions in the neonatal intestine: role of human milk oligosaccharides. 2012 , 3, 450S-5S	86
2115	How glycan metabolism shapes the human gut microbiota. 2012 , 10, 323-35	794
2114	Unlocking the potential of metagenomics through replicated experimental design. 2012 , 30, 513-20	212
2113	The human microbiome: our second genome. 2012 , 13, 151-70	365

2112	Coffee, colon function and colorectal cancer. 2012 , 3, 916-22	62
2111	Anthropology of microbes. 2012 , 109, 6378-81	61
2110	Commensal gut flora and brain autoimmunity: a love or hate affair?. 2012 , 123, 639-51	61
2109	Experimental and analytical tools for studying the human microbiome. 2011 , 13, 47-58	491
2108	Microbial influences on epithelial integrity and immune function as a basis for inflammatory diseases. 2012 , 245, 164-76	152
2107	Modeling microbial community structure and functional diversity across time and space. 2012 , 332, 91-8	33
2106	Assessment of the human faecal microbiota: II. Reproducibility and associations of 16S rRNA pyrosequences. 2012 , 42, 855-63	33
2105	Microbes and the gut-brain axis. 2012 , 24, 405-13	224
2104	Diabetes and dietary fibre: directive or distraction?. 2012 , 40, 230-1	1
2103	Inflammation-associated enterotypes, host genotype, cage and inter-individual effects drive gut microbiota variation in common laboratory mice. 2013 , 14, R4	293
2102	The mTOR Pathway and the Role of Energy Balance Throughout Life in Colorectal Cancer Etiology and Prognosis: Unravelling Mechanisms Through a Multidimensional Molecular Epidemiologic Approach. 2013 , 2, 19-26	16
2101	The Epidemiologic Evidence and Potential Biological Mechanisms for a Protective Effect of Dietary Fiber on the Risk of Colorectal Cancer. 2013 , 2, 63-70	5
2100	The intestinal microbiota in chronic liver disease. 2013 , 117, 73-97	41
2099	Human intestinal metagenomics: state of the art and future. 2013 , 16, 232-9	46
2098	Holobiont nutrition: considering the role of the gastrointestinal microbiota in the health benefits of whole grains. 2013 , 4, 340-6	25
2097	Replenishing our defensive microbes. 2013 , 35, 810-7	39
2096	Host-Parasite Interactions and the Evolution of Immune Defense. 2013 , 81-174	11
2095	The NIH Human Microbiome Project. 2013 , 1-50	1

2094	The gut microbiome: a new frontier in autism research. 2013 , 15, 337	164
2093	The biodiversity hypothesis and allergic disease: world allergy organization position statement. 2013 , 6, 3	192
2092	Fecal microbiota transplantation: indications, methods, evidence, and future directions. 2013 , 15, 337	159
2091	Towards a 'systems'-level understanding of the nervous system and its disorders. 2013 , 36, 674-84	34
2090	Antiviral memory phenotype T cells in unexposed adults. 2013 , 255, 95-109	32
2089	Omics approaches to study host-microbiota interactions. 2013 , 16, 270-7	22
2088	Two faces of microbiota in inflammatory and autoimmune diseases: triggers and drugs. 2013 , 121, 403-21	22
2087	Functional profiling of the gut microbiome in disease-associated inflammation. 2013 , 5, 65	39
2086	Strict vegetarian diet improves the risk factors associated with metabolic diseases by modulating gut microbiota and reducing intestinal inflammation. 2013 , 5, 765-75	123
2085	The Gordian Knot of dysbiosis, obesity and NAFLD. 2013 , 10, 637-44	113
2084	Integrative analysis of the microbiome and metabolome of the human intestinal mucosal surface reveals exquisite inter-relationships. 2013 , 1, 17	175
2083	Richness of human gut microbiome correlates with metabolic markers. 2013 , 500, 541-6	2584
2082	Dietary intervention impact on gut microbial gene richness. 2013 , 500, 585-8	1135
2081	Microbiology: Wealth management in the gut. 2013 , 500, 538-9	28
2080	Bridging immunity and lipid metabolism by gut microbiota. 2013 , 132, 253-62; quiz 263	48
2079	Dysbiosis--a consequence of Paneth cell dysfunction. 2013 , 25, 334-41	68
2078	Nutrient and chemical sensing by intestinal pathogens. 2013 , 15, 759-64	15
2077	Metabolic modeling of species interaction in the human microbiome elucidates community-level assembly rules. 2013 , 110, 12804-9	251

2076	The human microbiome and probiotics: implications for pediatrics. 2013 , 63 Suppl 2, 42-52	24
2075	Review article: evidence-based dietary advice for patients with inflammatory bowel disease. 2013 , 38, 1156-71	73
2074	Gut microbiota and non-alcoholic fatty liver disease: new insights. 2013 , 19, 338-48	157
2073	Colonic bacterial metabolites and human health. 2013 , 16, 246-54	243
2072	Genetically dictated change in host mucus carbohydrate landscape exerts a diet-dependent effect on the gut microbiota. 2013 , 110, 17059-64	180
2071	Microbiology. Fighting obesity with bacteria. <i>Science</i> , 2013 , 341, 1069-70	333 63
2070	Effects of different complementary feeding regimens on iron status and enteric microbiota in breastfed infants. 2013 , 163, 416-23	86
2069	Diet-microbiota interactions and their implications for healthy living. 2013 , 5, 234-52	132
2068	Clinical consequences of diet-induced dysbiosis. 2013 , 63 Suppl 2, 28-40	81
2067	Role of the intestinal microbiome in liver disease. 2013 , 46, 66-73	137
2066	Structure-constrained sparse canonical correlation analysis with an application to microbiome data analysis. 2013 , 14, 244-58	101
2065	Rapid evolution of the human gut virome. 2013 , 110, 12450-5	379
2064	Interactions between gut microbiota, food and the obese host. 2013 , 34, 44-53	19
2063	Topics in Applied Statistics. 2013 ,	0
2062	Highlights of the 2012 Research Workshop: Using nutrigenomics and metabolomics in clinical nutrition research. 2013 , 37, 190-200	10
2061	A metagenomic insight into our gut's microbiome. 2013 , 62, 146-58	234
2060	Omics for the study of probiotic microorganisms. 2013 , 54, 1061-1071	26
2059	A logistic normal multinomial regression model for microbiome compositional data analysis. 2013 , 69, 1053-63	68

2058	Advanced analytical methodologies to study the microbial metabolome of the human gut. 2013 , 52, 54-60	9
2057	Meta-analyses of studies of the human microbiota. 2013 , 23, 1704-14	289
2056	Understanding the interactions between bacteria in the human gut through metabolic modeling. 2013 , 3, 2532	165
2055	Role of the gut microbiota in human nutrition and metabolism. 2013 , 28 Suppl 4, 9-17	240
2054	Microbial ecosystems therapeutics: a new paradigm in medicine?. 2013 , 4, 53-65	87
2053	Effects of exercise and diet interventions on obesity-related sleep disorders in men: study protocol for a randomized controlled trial. 2013 , 14, 235	14
2052	Diet affects symptoms and medication response in inflammatory bowel disease. 2013 , 58, 1173-4	2
2051	Artificially sweetened beverages--do they influence cardiometabolic risk?. 2013 , 15, 375	16
2050	HIV Infection is associated with compositional and functional shifts in the rectal mucosal microbiota. 2013 , 1, 26	147
2049	Intestinal Microbiota Composition in Children. 2013 , 9-16	
2048	Intestinal Microbiota Composition in Adults. 2013 , 17-24	3
2047	Relationship between Bacterial Colonization of Human Digestive and Respiratory Tract. 2013 , 64-71	
2046	What Is the Future for Therapies Derived from the Microbiome (Pharmabiotics)?. 2013 , 186-196	
2045	Non-digestible long chain beta-glucans as novel prebiotics. 2013 , 2, 45-64	104
2044	Emerging aspects of food and nutrition on gut microbiota. 2013 , 61, 9559-74	36
2043	Instability of the faecal microbiota in diarrhoea-predominant irritable bowel syndrome. 2013 , 86, 581-9	59
2042	Human gut microbiota community structures in urban and rural populations in Russia. 2013 , 4, 2469	174
2041	A prospective study of long-term intake of dietary fiber and risk of Crohn's disease and ulcerative colitis. 2013 , 145, 970-7	337

2040	Alterations in the gut microbiota associated with HIV-1 infection. 2013 , 14, 329-39	284
2039	Assessing the human gut microbiota in metabolic diseases. 2013 , 62, 3341-9	289
2038	Fiber from a regular diet is directly associated with fecal short-chain fatty acid concentrations in the elderly. 2013 , 33, 811-6	54
2037	Opportunities and challenges for metabolic engineering of secondary metabolite pathways for improved human health characters in fruit and vegetable crops. 2013 , 41, 154-177	28
2036	Microbial activation of gut dendritic cells and the control of mucosal immunity. 2013 , 33, 619-31	26
2035	Diet, the human gut microbiota, and IBD. 2013 , 24, 117-20	91
2034	An integrated two-stage anaerobic digestion and biofuel production process to reduce life cycle GHG emissions from US dairies. 2013 , 7, 459-473	23
2033	Manifold-constrained regularization for variable selection in environmental microbiomic data. 2013 , ,	
2032	Metabolomics in nutrition. 2013 , 106-123	
2031	A T-bet gradient controls the fate and function of CCR6-ROR γ ⁺ innate lymphoid cells. 2013 , 494, 261-5	498
2030	Hypothesis: bacteria control host appetites. 2013 , 195, 411-6	49
2029	The gut microbiota, obesity and insulin resistance. 2013 , 34, 39-58	373
2028	Oral drug delivery systems using chemical conjugates or physical complexes. 2013 , 65, 845-64	71
2027	Therapeutic modulation of intestinal dysbiosis. 2013 , 69, 75-86	113
2026	Gut metabolotypes govern health effects of dietary polyphenols. 2013 , 24, 220-5	145
2025	Gut microbiota, immune development and function. 2013 , 69, 87-113	145
2024	The role of gut microbiota in human obesity: recent findings and future perspectives. 2013 , 23, 160-8	79
2023	Gut microbiome composition is linked to whole grain-induced immunological improvements. 2013 , 7, 269-80	357

2022	The influence of diet on the gut microbiota. 2013 , 69, 52-60	594
2021	Biodiversity and functional genomics in the human microbiome. 2013 , 29, 51-8	167
2020	The origins and drivers of insulin resistance. 2013 , 152, 673-84	428
2019	Waiting for the human intestinal Eukaryotome. 2013 , 7, 1253-5	50
2018	Role of diet and gut microbiota in management of inflammatory bowel disease in an Asian migrant. 2013 , 132, 250-250.e5	3
2017	New food safety concerns associated with gut microbiota. 2013 , 34, 62-66	5
2016	Diet and alternative therapies in the management of stone disease. 2013 , 40, 31-46	14
2015	Fecal microbiome and volatile organic compound metabolome in obese humans with nonalcoholic fatty liver disease. 2013 , 11, 868-75.e1-3	423
2014	Intestinal colonization resistance. 2013 , 138, 1-11	323
2013	Microbial-immune cross-talk and regulation of the immune system. 2013 , 138, 12-22	22
2012	MS-based Methodologies to Study the Microbial Metabolome. 2013 , 221-243	
2011	Gut microbiota, host health, and polysaccharides. 2013 , 31, 318-37	133
2010	Gut microbiota and gastrointestinal health: current concepts and future directions. 2013 , 25, 4-15	162
2009	Intestinal Microbes, Diet, and Colorectal Cancer. 2013 , 9, 95-105	10
2008	Systems-level characterization of a host-microbe metabolic symbiosis in the mammalian gut. 2013 , 4, 28-40	155
2007	Complex interactions among diet, gastrointestinal transit, and gut microbiota in humanized mice. 2013 , 144, 967-77	281
2006	The dynamics of gut-associated microbial communities during inflammation. 2013 , 14, 319-27	213
2005	Gut bacterial microbiota and obesity. 2013 , 19, 305-13	191

2004	'Blooming' in the gut: how dysbiosis might contribute to pathogen evolution. 2013 , 11, 277-84	225
2003	The emerging role of MicroRNAs in the regulation of gene expression by nutrients. 2013 , 6, 16-31	74
2002	A nonsense polymorphism (R392X) in TLR5 protects from obesity but predisposes to diabetes. 2013 , 190, 3716-20	29
2001	Fecal microbiota diversity in survivors of adolescent/young adult Hodgkin lymphoma: a study of twins. 2013 , 108, 1163-7	34
2000	American Journal of Gastroenterology Lecture: Intestinal microbiota and the role of fecal microbiota transplant (FMT) in treatment of C. difficile infection. 2013 , 108, 177-85	125
1999	The human microbiome: from symbiosis to pathogenesis. 2013 , 64, 145-63	122
1998	Variations in diversity and richness of gut bacterial communities of termites (<i>Reticulitermes flavipes</i>) fed with grassy and woody plant substrates. 2013 , 65, 531-6	43
1997	The gut microbial metabolome: modulation of cancer risk in obese individuals. 2013 , 72, 178-88	24
1996	The role of food in the functional gastrointestinal disorders: introduction to a manuscript series. 2013 , 108, 694-7	35
1995	Intestinal microbiota metabolism of L-carnitine, a nutrient in red meat, promotes atherosclerosis. 2013 , 19, 576-85	2528
1994	Microbiota-derived lactate accelerates colon epithelial cell turnover in starvation-refed mice. 2013 , 4, 1654	86
1993	Environmental factors influencing the efficacy of probiotic bacteria. 2013 , 24, 207-13	36
1992	Intestinal microbiota and its role in irritable bowel syndrome (IBS). 2013 , 15, 323	91
1991	Gut microbiota and metabolic syndrome. 2013 , 8 Suppl 1, S11-5	55
1990	Ageing and gut microbes: perspectives for health maintenance and longevity. 2013 , 69, 11-20	184
1989	Malnutrition and microbiota--a new relationship?. 2013 , 10, 261-2	13
1988	Meat-metabolizing bacteria in atherosclerosis. 2013 , 19, 533-4	36
1987	A gut-heart connection in cardiometabolic regulation. 2013 , 19, 534-6	17

1986	The role of the bacterial microbiome in lung disease. 2013 , 7, 245-57	251
1985	Dysbiosis in inflammatory bowel diseases: the oxygen hypothesis. 2013 , 7, 1256-61	200
1984	Probiotics and prebiotics and health in ageing populations. 2013 , 75, 44-50	132
1983	Darmgesundheit und Mikrobiota. 2013 , 67-83	
1982	Habitat degradation impacts black howler monkey (<i>Alouatta pigra</i>) gastrointestinal microbiomes. 2013 , 7, 1344-53	725
1981	Bacterial oncogenesis in the colon. 2013 , 8, 445-60	59
1980	The role of the lung microbiome in health and disease. A National Heart, Lung, and Blood Institute workshop report. 2013 , 187, 1382-7	113
1979	A guide to enterotypes across the human body: meta-analysis of microbial community structures in human microbiome datasets. 2013 , 9, e1002863	359
1978	Beyond phylotyping: understanding the impact of gut microbiota on host biology. 2013 , 25, 358-72	32
1977	Long-term monitoring of the human intestinal microbiota composition. 2012 , 15, 1146	164
1976	Quantitative genetic background of the host influences gut microbiomes in chickens. 2013 , 3, 1163	190
1975	Soy isoflavones and their relationship with microflora: beneficial effects on human health in equol producers. 2013 , 12, 979-1000	33
1974	Role of glycoside phosphorylases in mannose foraging by human gut bacteria. 2013 , 288, 32370-32383	43
1973	Robustness of gut microbiota of healthy adults in response to probiotic intervention revealed by high-throughput pyrosequencing. 2013 , 20, 241-53	200
1972	From molecules to dynamic biological communities. 2013 , 28, 241-259	12
1971	Insight into the prebiotic concept: lessons from an exploratory, double blind intervention study with inulin-type fructans in obese women. 2013 , 62, 1112-21	517
1970	Effects of dietary combinations of organic acids and medium chain fatty acids on the gastrointestinal microbial ecology and bacterial metabolites in the digestive tract of weaning piglets. 2013 , 91, 3200-10	80
1969	Resistant starch: promise for improving human health. 2013 , 4, 587-601	425

1968	Effects of probiotics on gut microbiota: mechanisms of intestinal immunomodulation and neuromodulation. 2013 , 6, 39-51	485
1967	Race/Ethnicity, Obesity, and Related Cardio-Metabolic Risk Factors: A Life-Course Perspective. 2013 , 7, 326-335	16
1966	Pathophysiology of inflammatory bowel disease. 2013 , 18-30	
1965	Modulating the human gut microbiome as an emerging therapeutic paradigm. 2013 , 96, 224-36	14
1964	Exploratory analysis of human microbiome by linear and nonlinear methods. 2013 , 3, 10-17	
1963	[Gut microbiota in health and disease]. 2013 , 78, 240-8	40
1962	Gut microbiota in health and disease. 2013 , 78, 240-248	5
1961	Mucin-type O-glycans and their roles in intestinal homeostasis. 2013 , 23, 1026-37	161
1960	Microbiota conservation and BMI signatures in adult monozygotic twins. 2013 , 7, 707-17	221
1959	Co-evolution in context: The importance of studying gut microbiomes in wild animals. 2013 , 1,	84
1958	Smoking cessation induces profound changes in the composition of the intestinal microbiota in humans. 2013 , 8, e59260	245
1957	Effects of diet on resource utilization by a model human gut microbiota containing <i>Bacteroides cellulosilyticus</i> WH2, a symbiont with an extensive glycobiome. 2013 , 11, e1001637	184
1956	Changes in gut microbiota due to supplemented fatty acids in diet-induced obese mice. 2013 , 110, 711-20	119
1955	Gut microbiota and metabolic disorders: How prebiotic can work?. 2013 , 109 Suppl 2, S81-5	114
1954	Antimicrobials: Strategies for targeting obesity and metabolic health?. 2013 , 4, 48-53	22
1953	Molecular diversity of Bacteroidales in fecal and environmental samples and swine-associated subpopulations. 2013 , 79, 816-24	7
1952	Functions of intestinal microflora in children. 2013 , 29, 31-8	40
1951	Linking intestinal homeostasis and liver disease. 2013 , 29, 264-70	52

1950	The role of gut microbiota in nutritional status. 2013 , 16, 509-16	19
1949	Current world literature. 2013 , 29, 92-105	
1948	Intake of whole-grain and fiber-rich rye bread versus refined wheat bread does not differentiate intestinal microbiota composition in Finnish adults with metabolic syndrome. 2013 , 143, 648-55	71
1947	Metabolic endotoxaemia: is it more than just a gut feeling?. 2013 , 24, 78-85	62
1946	The colonic microbiota in health and disease. 2013 , 29, 49-54	71
1945	Molecular signatures for the dynamic process of establishing intestinal host-microbial homeostasis: potential for disease diagnostics?. 2013 , 29, 621-7	8
1944	Rhinosinusitis and asthma-microbiome and new perspectives. 2013 , 13, 45-9	21
1943	A pig model of the human gastrointestinal tract. 2013 , 4, 193-200	121
1942	Nutrition, microbiomes, and intestinal inflammation. 2013 , 29, 603-7	24
1941	Sympatric chimpanzees and gorillas harbor convergent gut microbial communities. 2013 , 23, 1715-20	106
1940	Distinct distal gut microbiome diversity and composition in healthy children from Bangladesh and the United States. 2013 , 8, e53838	224
1939	ILSI Brazil International Workshop on Functional Foods: a narrative review of the scientific evidence in the area of carbohydrates, microbiome, and health. 2013 , 57,	11
1938	[The intestinal microbiota and human disease]. 2013 , 62, 85-91	4
1937	Molecular studies neglect apparently gram-negative populations in the human gut microbiota. 2013 , 51, 3286-93	45
1936	The Gut Microbiota and IBD. 2013 , 35-42	
1935	Hot topics in gut microbiota. 2013 , 1, 311-8	34
1934	Diet, gut enterotypes and health: is there a link?. 2013 , 77, 65-73	13
1933	Probiotics in the management of irritable bowel syndrome and inflammatory bowel disease. 2013 , 29, 184-9	136

1932	The intestinal microbiome and necrotizing enterocolitis. 2013 , 25, 382-7	68
1931	Mechanisms and effectiveness of prebiotics in modifying the gastrointestinal microbiota for the management of digestive disorders. 2013 , 72, 288-98	31
1930	Fecal transplantation for the treatment of recurrent clostridium difficile infection. 2013 , 5, 339-43	18
1929	Habitual dietary intake is associated with stool microbiota composition in monozygotic twins. 2013 , 143, 417-23	83
1928	From the gastrointestinal tract (GIT) to the kidneys: live bacterial cultures (probiotics) mediating reductions of uremic toxin levels via free radical signaling. 2013 , 5, 2042-57	32
1927	Review article: the association of diet with onset and relapse in patients with inflammatory bowel disease. 2013 , 38, 1172-87	63
1926	Microbiota and healthy ageing: observational and nutritional intervention studies. 2013 , 6, 326-34	42
1925	Evolution of the gut microbiota and the influence of diet. 2013 , 4, 31-7	20
1924	Role of the gut microbiota in health and chronic gastrointestinal disease: understanding a hidden metabolic organ. 2013 , 6, 295-308	457
1923	Reshaping the gut microbiota at an early age: functional impact on obesity risk?. 2013 , 63 Suppl 2, 17-26	30
1922	The human gut microbiome and its dysfunctions. 2013 , 31, 278-85	49
1921	Advances in inflammatory bowel disease pathogenesis: linking host genetics and the microbiome. 2013 , 62, 1505-10	318
1920	Metabolic syndrome in pediatric cancer survivors: a mechanistic review. 2013 , 60, 1922-8	31
1919	Probiotics: properties, examples, and specific applications. 2013 , 3, a010074	151
1918	The role of the gastrointestinal microbiome in Helicobacter pylori pathogenesis. 2013 , 4, 505-31	129
1917	The cystic fibrosis airway microbiome. 2013 , 3, a009738	78
1916	Factors that drive variation among gut microbial communities. 2013 , 4, 403-8	17
1915	Cross-talk between E. coli strains and a human colorectal adenocarcinoma-derived cell line. 2013 , 3, 3416	19

1914	Age, dietary fiber, breath methane, and fecal short chain fatty acids are interrelated in Archaea-positive humans. 2013 , 143, 1269-75	32
1913	NOD2 prevents emergence of disease-predisposing microbiota. 2013 , 4, 353-6	7
1912	New insights into probiotic mechanisms: a harvest from functional and metagenomic studies. 2013 , 4, 94-100	32
1911	Do gut microbial communities differ in pediatric IBS and health?. 2013 , 4, 347-52	28
1910	VARIABLE SELECTION FOR SPARSE DIRICHLET-MULTINOMIAL REGRESSION WITH AN APPLICATION TO MICROBIOME DATA ANALYSIS. 2013 , 7,	129
1909	- Introduction. 2013 , 12-22	
1908	[Dysbiosis, a new medical concept]. 2013 , 29, 586-9	0
1907	Gut Microbes and Host Health: From the Cradle to the Grave. 2013 , 108, 724-733	
1906	The diversity of intestinal microbiota of Mongolians living in Inner Mongolia, China. 2013 , 4, 319-28	15
1905	Current world literature. 2013 , 29, 228-40	
1904	Impact of ethnicity, geography, and disease on the microbiota in health and inflammatory bowel disease. 2013 , 19, 2906-18	59
1903	The alligator gut microbiome and implications for archosaur symbioses. 2013 , 3, 2877	87
1902	Chicory (<i>Cichorium intybus</i> L.) and cereals differently affect gut development in broiler chickens and young pigs. 2013 , 4, 50	10
1901	The gastrointestinal microbiome and musculoskeletal diseases: a beneficial role for probiotics and prebiotics. 2013 , 2, 606-26	33
1900	The role of gut microbiota on insulin resistance. 2013 , 5, 829-51	123
1899	[Roles of enteric microbial composition and metabolism in health and diseases]. 2013 , 62, 191-205	7
1898	Probiotics: History and Evolution. 2013 , 01,	20
1897	Ancient gut microbiomes shed light on modern disease. 2013 , 121, A118	6

1896	Effects of diet on gut microbiota profile and the implications for health and disease. 2013 , 32, 1-12	33
1895	Alterations in the colonic microbiota in response to osmotic diarrhea. 2013 , 8, e55817	80
1894	Archaea and fungi of the human gut microbiome: correlations with diet and bacterial residents. 2013 , 8, e66019	447
1893	Long-term temporal analysis of the human fecal microbiota revealed a stable core of dominant bacterial species. 2013 , 8, e69621	115
1892	A Western diet ecological module identified from the 'humanized' mouse microbiota predicts diet in adults and formula feeding in children. 2013 , 8, e83689	12
1891	Reduced incidence of Prevotella and other fermenters in intestinal microflora of autistic children. 2013 , 8, e68322	537
1890	Perspective: a systems approach to diabetes research. 2013 , 4, 205	25
1889	The human microbiome as a reservoir of antimicrobial resistance. 2013 , 4, 87	153
1888	Perinatal nutrition programs neuroimmune function long-term: mechanisms and implications. 2013 , 7, 144	26
1887	Nutrition of the critically ill — a 21st-century perspective. 2013 , 5, 162-207	12
1886	Expansion of intestinal Prevotella copri correlates with enhanced susceptibility to arthritis. 2013 , 2, e01202	1092
1885	Gut microbiota, probiotics, and human health. 2013 , 32, 81-91	24
1884	Physiological, Immunological and Evolutionary Perspectives of Labor as an Inflammatory Process. 2014 , 5, 75-89	7
1883	Influence of trace elements mixture on bacterial diversity and fermentation characteristics of liquid diet fermented with probiotics under air-tight condition. 2014 , 9, e114218	14
1882	Dietary patterns differently associate with inflammation and gut microbiota in overweight and obese subjects. 2014 , 9, e109434	87
1881	Heritability and clinical determinants of serum indoxyl sulfate and p-cresyl sulfate, candidate biomarkers of the human microbiome enterotype. 2014 , 9, e79682	27
1880	Seasonal variation in human gut microbiome composition. 2014 , 9, e90731	179
1879	Deep Illumina-based shotgun sequencing reveals dietary effects on the structure and function of the fecal microbiome of growing kittens. 2014 , 9, e101021	35

1878	Two different bacterial community types are linked with the low-methane emission trait in sheep. 2014, 9, e103171	145
1877	Paleomicrobiology: revealing fecal microbiomes of ancient indigenous cultures. 2014, 9, e106833	47
1876	Succession and replacement of bacterial populations in the caecum of egg laying hens over their whole life. 2014, 9, e115142	99
1875	Intestinal microbiota in health and disease: role of bifidobacteria in gut homeostasis. 2014, 20, 15163-76	282
1874	Gut microbiota: the next-gen frontier in preventive and therapeutic medicine?. 2014, 1, 15	21
1873	From lifetime to evolution: timescales of human gut microbiota adaptation. 2014, 5, 587	74
1872	Microbiome associations of therapeutic enteral nutrition. 2014, 6, 5298-311	9
1871	Heat Shock Proteins: Intestinal Gatekeepers that Are Influenced by Dietary Components and the Gut Microbiota. 2014, 3, 187-210	29
1870	The Importance of Microbiota and Host Interactions Throughout Life. 2014, 489-511	
1869	Unraveling the ties between irritable bowel syndrome and intestinal microbiota. 2014, 20, 2470-81	54
1868	GUT MICROBIOTA. 2014, 60, 25-34	1
1867	Diversity: from diet to flora to life. 2014, 3, 6-8	2
1866	Nonalcoholic fatty liver disease and aging: epidemiology to management. 2014, 20, 14185-204	158
1865	Survival and synergistic growth of mixed cultures of bifidobacteria and lactobacilli combined with prebiotic oligosaccharides in a gastrointestinal tract simulator. 2014, 25,	21
1864	MICROFLORA OF THE INTESTINE The Natural Microflora of Humans. 2014, 634-638	2
1863	Brain evolution, the determinates of food choice, and the omnivore's dilemma. 2014, 54, 1330-41	48
1862	Gut microbiome of the Hadza hunter-gatherers. 2014, 5, 3654	780
1861	Metabolic tinkering by the gut microbiome: Implications for brain development and function. 2014, 5, 369-80	80

1860	Gastrointestinal microbiota and metabolite biomarkers in children with autism spectrum disorders. 2014 , 8, 331-44	45
1859	Glycan degradation (GlyDeR) analysis predicts mammalian gut microbiota abundance and host diet-specific adaptations. 2014 , 5,	27
1858	Meta-analyses of human gut microbes associated with obesity and IBD. 2014 , 588, 4223-33	514
1857	Carnitine metabolism to trimethylamine by an unusual Rieske-type oxygenase from human microbiota. 2014 , 111, 4268-73	197
1856	HIV-induced alteration in gut microbiota: driving factors, consequences, and effects of antiretroviral therapy. 2014 , 5, 562-70	106
1855	Gut microbiota influences low fermentable substrate diet efficacy in children with irritable bowel syndrome. 2014 , 5, 165-75	94
1854	Complex host genetics influence the microbiome in inflammatory bowel disease. 2014 , 6, 107	253
1853	Effect of <i>Lactobacillus rhamnosus</i> CGMCC1.3724 supplementation on weight loss and maintenance in obese men and women. 2014 , 111, 1507-19	219
1852	Emerging science of the human microbiome. 2014 , 5, 446-57	36
1851	Reprogramming of gut microbiome energy metabolism by the FUT2 Crohn's disease risk polymorphism. 2014 , 8, 2193-206	140
1850	Compositional dynamics of the human intestinal microbiota with aging: implications for health. 2014 , 18, 773-86	52
1849	pH of drinking water influences the composition of gut microbiome and type 1 diabetes incidence. 2014 , 63, 632-44	74
1848	Gut microbes and adverse food reactions: Focus on gluten related disorders. 2014 , 5, 594-605	30
1847	Multi-omics analysis of inflammatory bowel disease. 2014 , 162, 62-8	28
1846	The role of metagenomics in understanding the human microbiome in health and disease. 2014 , 5, 413-23	59
1845	Revealing the bacterial butyrate synthesis pathways by analyzing (meta)genomic data. 2014 , 5, e00889	517
1844	Intestinal dysbiosis associated with systemic lupus erythematosus. 2014 , 5, e01548-14	309
1843	Metagenomic data utilization and analysis (MEDUSA) and construction of a global gut microbial gene catalogue. 2014 , 10, e1003706	40

1842	Waste not, want not: why rarefying microbiome data is inadmissible. 2014 , 10, e1003531	1536
1841	Anal gas evacuation and colonic microbiota in patients with flatulence: effect of diet. 2014 , 63, 401-8	71
1840	Systematic analysis of the association between gut flora and obesity through high-throughput sequencing and bioinformatics approaches. 2014 , 2014, 906168	61
1839	Diet and the development of the human intestinal microbiome. 2014 , 5, 494	281
1838	Microbiome data distinguish patients with <i>Clostridium difficile</i> infection and non- <i>C. difficile</i> -associated diarrhea from healthy controls. 2014 , 5, e01021-14	185
1837	Susceptibility to <i>Campylobacter</i> infection is associated with the species composition of the human fecal microbiota. 2014 , 5, e01212-14	55
1836	BiomeNet: a Bayesian model for inference of metabolic divergence among microbial communities. 2014 , 10, e1003918	23
1835	Evidence for the gut microbiota short-chain fatty acids as key pathophysiological molecules improving diabetes. 2014 , 2014, 162021	168
1834	Pyrosequencing reveals diverse fecal microbiota in Simmental calves during early development. 2014 , 5, 622	50
1833	<i>Bacteroides dorei</i> dominates gut microbiome prior to autoimmunity in Finnish children at high risk for type 1 diabetes. 2014 , 5, 678	159
1832	Gut Microbiota in Human Health and Diseases. 2014 , 469-469	
1831	Oligotyping reveals differences between gut microbiomes of free-ranging sympatric Namibian carnivores (<i>Acinonyx jubatus</i> , <i>Canis mesomelas</i>) on a bacterial species-like level. 2014 , 5, 526	29
1830	A review of the source and function of microbiota in breast milk. 2014 , 32, 68-73	79
1829	The human intestinal microbiome at extreme ages of life. Dietary intervention as a way to counteract alterations. 2014 , 5, 406	96
1828	The Dynamic Interactions between <i>Salmonella</i> and the Microbiota, within the Challenging Niche of the Gastrointestinal Tract. 2014 , 2014, 846049	18
1827	The three genetics (nuclear DNA, mitochondrial DNA, and gut microbiome) of longevity in humans considered as metaorganisms. 2014 , 2014, 560340	16
1826	Diarrhea in young children from low-income countries leads to large-scale alterations in intestinal microbiota composition. 2014 , 15, R76	150
1825	DNA extraction protocols cause differences in 16S rRNA amplicon sequencing efficiency but not in community profile composition or structure. 2014 , 3, 910-21	64

1824	Microbiology of the Anthropocene. 2014 , 5, 1-8	53
1823	Comparative analysis of CRISPR cassettes from the human gut metagenomic contigs. 2014 , 15, 202	21
1822	Old dog, new trick: a direct role for leptin in regulating microbiota composition. 2014 , 155, 653-5	4
1821	Multiple omics uncovers host-gut microbial mutualism during prebiotic fructooligosaccharide supplementation. 2014 , 21, 469-80	62
1820	The intestinal microbiota in inflammatory bowel diseases. 2014 , 79, 29-39	28
1819	Engineering the human genome: reflections on the beginning. 2014 , 25, 395-400	
1818	Altered duodenal microbiota composition in celiac disease patients suffering from persistent symptoms on a long-term gluten-free diet. 2014 , 109, 1933-41	130
1817	Rural and urban microbiota: To be or not to be?. 2014 , 5, 351-6	26
1816	Bacterial microbiome of <i>Coptotermes curvignathus</i> (Isoptera: Rhinotermitidae) reflects the coevolution of species and dietary pattern. 2014 , 21, 584-96	3
1815	Variable selection in regression with compositional covariates. 2014 , 101, 785-797	112
1814	The gut microbiome and the brain. 2014 , 17, 1261-72	330
1813	Effect of a low-flatulogenic diet in patients with flatulence and functional digestive symptoms. 2014 , 26, 779-85	17
1812	Individuals' diet diversity influences gut microbial diversity in two freshwater fish (threespine stickleback and Eurasian perch). 2014 , 17, 979-87	178
1811	Gut microbiota-produced succinate promotes <i>C. difficile</i> infection after antibiotic treatment or motility disturbance. 2014 , 16, 770-7	209
1810	Diet and feeding pattern affect the diurnal dynamics of the gut microbiome. 2014 , 20, 1006-17	436
1809	Is there a relationship between red or processed meat intake and obesity? A systematic review and meta-analysis of observational studies. 2014 , 15, 740-8	128
1808	Gut microbiota and cardiometabolic outcomes: influence of dietary patterns and their associated components. 2014 , 100 Suppl 1, 369S-77S	50
1807	Functional gene arrays-based analysis of fecal microbiomes in patients with liver cirrhosis. 2014 , 15, 753	24

1806	Temporal variability is a personalized feature of the human microbiome. 2014 , 15, 531	255
1805	Host genetics and diet, but not immunoglobulin A expression, converge to shape compositional features of the gut microbiome in an advanced intercross population of mice. 2014 , 15, 552	82
1804	Randomized open-label pilot study of the influence of probiotics and the gut microbiome on toxic metal levels in Tanzanian pregnant women and school children. 2014 , 5, e01580-14	115
1803	Fecal microbial therapy: promises and pitfalls. 2014 , 59, 157-61	12
1802	Prebiotics and gastrointestinal health. 2014 , 87-92	
1801	Incidence and phenotypic characteristics of pediatric IBD in northeastern Slovenia, 2002-2010. 2014 , 58, 325-32	22
1800	The stunting syndrome in developing countries. 2014 , 34, 250-65	391
1799	Effect of diet on the intestinal microbiota and its activity. 2014 , 30, 189-95	58
1798	From basic to applied research: lessons from the human microbiome projects. 2014 , 48 Suppl 1, S3-4	9
1797	The microbiome and obesity-an established risk for certain types of cancer. 2014 , 20, 176-80	46
1796	Irritable bowel syndrome, inflammatory bowel disease and the microbiome. 2014 , 21, 15-21	44
1795	Protein quality and the protein to carbohydrate ratio within a high fat diet influences energy balance and the gut microbiota in C57BL/6J mice. 2014 , 9, e88904	57
1794	Impact of the gut microbiota on the development of obesity and type 2 diabetes mellitus. 2014 , 5, 190	186
1793	Nutrigenetics and nutrigenomics insights into diabetes etiopathogenesis. 2014 , 6, 5338-69	52
1792	The health advantage of a vegan diet: exploring the gut microbiota connection. 2014 , 6, 4822-38	113
1791	Dietary history contributes to enterotype-like clustering and functional metagenomic content in the intestinal microbiome of wild mice. 2014 , 111, E2703-10	107
1790	What would you like to eat, Mr CKD Microbiota? A Mediterranean Diet, please!. 2014 , 39, 114-23	57
1789	The effect of malnutrition on norovirus infection. 2014 , 5, e01032-13	40

1788	Inflammation and colorectal cancer, when microbiota-host mutualism breaks. 2014 , 20, 908-22	137
1787	Mediterranean diet and health: food effects on gut microbiota and disease control. 2014 , 15, 11678-99	107
1786	The mucosal microbiome in shaping health and disease. 2014 , 6, 11	17
1785	The Gut Microbiota and Effects on Metabolism. 2014 , 508-526	3
1784	Whole Grains in the Prevention and Treatment of Abdominal Obesity. 2014 , 515-528	2
1783	Gut microbiota and metabolic syndrome. 2014 , 20, 16079-94	282
1782	Practical Controversies in Medical Management of Stone Disease. 2014 ,	2
1781	Fecal bacterial community changes associated with isoflavone metabolites in postmenopausal women after soy bar consumption. 2014 , 9, e108924	64
1780	Irritable bowel syndrome: a microbiome-gut-brain axis disorder?. 2014 , 20, 14105-25	195
1779	Body weight selection affects quantitative genetic correlated responses in gut microbiota. 2014 , 9, e89862	42
1778	A review of the epidemiology of inflammatory bowel disease with a focus on diet, infections and antibiotic exposure. 2014 , 79, 1-18	7
1777	Diet, the gut microbiome and the metabolome in IBD. 2014 , 79, 73-82	14
1776	The overarching influence of the gut microbiome on end-organ function: the role of live probiotic cultures. 2014 , 7, 954-89	17
1775	Host lifestyle affects human microbiota on daily timescales. 2014 , 15, R89	548
1774	Probiotics in the treatment of chronic rhinoconjunctivitis and chronic rhinosinusitis. 2014 , 2014, 983635	11
1773	Popular exclusionary diets for inflammatory bowel disease: the search for a dietary culprit. 2014 , 20, 732-41	37
1772	Blautia and Prevotella sequences distinguish human and animal fecal pollution in Brazil surface waters. 2014 , 6, 696-704	26
1771	The dynamic microbiome. 2014 , 588, 4131-9	115

1770	Uraemic toxins and cardiovascular disease across the chronic kidney disease spectrum: an observational study. 2014 , 24, 1035-42	27
1769	Fecal water genotoxicity in healthy free-living young Italian people. 2014 , 64, 104-9	7
1768	Igloo-Plot: a tool for visualization of multidimensional datasets. 2014 , 103, 11-20	6
1767	The microbiome in inflammatory bowel disease: current status and the future ahead. 2014 , 146, 1489-99	1055
1766	Interactions in the microbiome: communities of organisms and communities of genes. 2014 , 38, 90-118	135
1765	Prebiotic stimulation of human colonic butyrate-producing bacteria and bifidobacteria, in vitro. 2014 , 87, 30-40	249
1764	The abundance of fecal <i>Faecalibacterium prausnitzii</i> in relation to obesity and gender in Chinese adults. 2014 , 196, 73-7	33
1763	Fecal Biomarkers for Research on Dietary and Lifestyle Risk Factors in Colorectal Cancer Etiology. 2014 , 10, 114-131	5
1762	Use of whole genome shotgun metagenomics: a practical guide for the microbiome-minded physician scientist. 2014 , 32, 5-13	15
1761	Role of the microbiome in energy regulation and metabolism. 2014 , 146, 1525-33	242
1760	Chronic coffee consumption in the diet-induced obese rat: impact on gut microbiota and serum metabolomics. 2014 , 25, 489-95	100
1759	Beneficial modulation of the gut microbiota. 2014 , 588, 4120-30	166
1758	Mechanisms of Liver Injury in Non-Alcoholic Steatohepatitis. 2014 , 13, 119-129	26
1757	Pädiatrie aktuell. 2014 , 162, 105-107	
1756	Association of dietary type with fecal microbiota in vegetarians and omnivores in Slovenia. 2014 , 53, 1051-64	128
1755	Immune and genetic gardening of the intestinal microbiome. 2014 , 588, 4102-11	39
1754	Diet effects in gut microbiome and obesity. 2014 , 79, R442-51	65
1753	Microbial enterotypes, inferred by the prevotella-to-bacteroides ratio, remained stable during a 6-month randomized controlled diet intervention with the new nordic diet. 2014 , 80, 1142-9	101

1752	Cellular and molecular longevity pathways: the old and the new. 2014 , 25, 212-23	12
1751	Mechanisms and efficacy of dietary FODMAP restriction in IBS. 2014 , 11, 256-66	151
1750	A role for the gut microbiota in IBS. 2014 , 11, 497-505	210
1749	The intestinal metabolome: an intersection between microbiota and host. 2014 , 146, 1470-6	165
1748	Dynamics and associations of microbial community types across the human body. 2014 , 509, 357-60	529
1747	Future directions in inflammatory bowel disease management. 2014 , 8, 726-34	82
1746	Establishment of intestinal microbiota during early life: a longitudinal, explorative study of a large cohort of Danish infants. 2014 , 80, 2889-900	289
1745	Compositional and functional features of the gastrointestinal microbiome and their effects on human health. 2014 , 146, 1449-58	276
1744	The gut microbiome in health and disease. 2014 , 146, 1433-6	42
1743	Interactions between the intestinal microbiome and liver diseases. 2014 , 146, 1513-24	596
1742	Diet and the intestinal microbiome: associations, functions, and implications for health and disease. 2014 , 146, 1564-72	379
1741	Brain-gut microbiome interactions and functional bowel disorders. 2014 , 146, 1500-12	277
1740	Lactic Acid Bacteria. 2014 ,	15
1739	Eco-immunology. 2014 ,	3
1738	Quantitative divergence of the bacterial root microbiota in Arabidopsis thaliana relatives. 2014 , 111, 585-92	330
1737	The treatment-naive microbiome in new-onset Crohn's disease. 2014 , 15, 382-392	1836
1736	Metabolic interplay between gut bacteria and their host. 2014 , 42, 73-82	15
1735	Gut microbiota modulation: probiotics, antibiotics or fecal microbiota transplantation?. 2014 , 9, 365-73	72

1734	Alteration of the intestinal microbiota as a cause of and a potential therapeutic option in irritable bowel syndrome. 2014 , 5, 247-61	31
1733	Probiotics, prebiotics and the gastrointestinal tract in health and disease. 2014 , 22, 135-54	37
1732	Lactobacillus plantarum IFPL935 impacts colonic metabolism in a simulator of the human gut microbiota during feeding with red wine polyphenols. 2014 , 98, 6805-15	31
1731	Integrative Weight Management. 2014 ,	2
1730	Review article: fungal microbiota and digestive diseases. 2014 , 39, 751-66	81
1729	Mathematical modeling of primary succession of murine intestinal microbiota. 2014 , 111, 439-44	130
1728	Identification of tannin-degrading microorganisms in the gut of plateau pikas (<i>Ochotona curzoniae</i>) and root voles (<i>Microtus oeconomus</i>). 2014 , 63, 1-9	8
1727	Workshop report: the 2012 antimicrobial agents in veterinary medicine: exploring the consequences of antimicrobial drug use: a 3-D approach. 2014 , 37, e1-e16	12
1726	Environmental factors in a population-based inception cohort of inflammatory bowel disease patients in Europe--an ECCO-EpiCom study. 2014 , 8, 607-16	58
1725	Pharmacomicrobiomics: the impact of human microbiome variations on systems pharmacology and personalized therapeutics. 2014 , 18, 402-14	89
1724	The marriage of nutrigenomics with the microbiome: the case of infant-associated bifidobacteria and milk. 2014 , 99, 697S-703S	33
1723	The Human Gut Microbiome and Its Role in Obesity and the Metabolic Syndrome. 2014 , 71-105	4
1722	Gut microbiota in older subjects: variation, health consequences and dietary intervention prospects. 2014 , 73, 441-51	28
1721	Gut microbiota, low-grade inflammation, and metabolic syndrome. 2014 , 42, 49-53	102
1720	Emerging roles of the microbiome in cancer. 2014 , 35, 249-55	156
1719	Diet rapidly and reproducibly alters the human gut microbiome. 2014 , 505, 559-63	5264
1718	Gut microbiota modulation and implications for host health: Dietary strategies to influence the gut-brain axis. 2014 , 22, 239-247	37
1717	<i>Campylobacter concisus</i> and exotoxin 9 levels in paediatric patients with Crohn's disease and their association with the intestinal microbiota. 2014 , 63, 99-105	16

1716	Gut microbiome and metabolic diseases. 2014 , 36, 103-14	98
1715	Diet and inflammatory bowel disease: review of patient-targeted recommendations. 2014 , 12, 1592-600	132
1714	The gut microbiome as novel cardio-metabolic target: the time has come!. 2014 , 35, 883-7	53
1713	Biodiversity and human health: evidence for causality?. 2014 , 23, 267-288	50
1712	Maintenance of a healthy trajectory of the intestinal microbiome during aging: a dietary approach. 2014 , 136-137, 70-5	48
1711	Intestinal microbiota, diet and health. 2014 , 111, 387-402	275
1710	Impact of diet on human intestinal microbiota and health. 2014 , 5, 239-62	147
1709	Human genetics shape the gut microbiome. 2014 , 159, 789-99	1750
1708	Specialized metabolites from the microbiome in health and disease. 2014 , 20, 719-730	337
1707	βButyrobetaine is a proatherogenic intermediate in gut microbial metabolism of L-carnitine to TMAO. 2014 , 20, 799-812	313
1706	High-fat maternal diet during pregnancy persistently alters the offspring microbiome in a primate model. 2014 , 5, 3889	288
1705	Diet-microbiota-health interactions in older subjects: implications for healthy aging. 2015 , 40, 141-54	19
1704	Selecting protein families for environmental features based on manifold regularization. 2014 , 13, 104-8	
1703	Diet alters probiotic Lactobacillus persistence and function in the intestine. 2014 , 16, 2915-26	45
1702	Intestinal microbiota and faecal transplantation as treatment modality for insulin resistance and type 2 diabetes mellitus. 2014 , 177, 24-9	70
1701	Alterations in cecal microbiota of Jinhua piglets fostered by a Yorkshire sow. 2014 , 59, 4304-4311	8
1700	Factors influencing the grass carp gut microbiome and its effect on metabolism. 2014 , 87, 704-14	110
1699	The effects of gastrointestinal surgery on gut microbiota: potential contribution to improved insulin sensitivity. 2014 , 16, 454	63

1698	The bacteriome-mycobiome interaction and antifungal host defense. 2014 , 44, 3182-91	74
1697	Rapid changes in the gut microbiome during human evolution. 2014 , 111, 16431-5	199
1696	Dietary squid ink polysaccharides ameliorated the intestinal microflora dysfunction in mice undergoing chemotherapy. 2014 , 5, 2529-35	28
1695	Correlation between intraluminal oxygen gradient and radial partitioning of intestinal microbiota. 2014 , 147, 1055-63.e8	464
1694	Discovering new indicators of fecal pollution. 2014 , 22, 697-706	102
1693	Effects of feeding different roughage components to sows in gestation on bacteriological and immunological parameters in colostrum and immune response of piglets. 2014 , 68, 29-41	4
1692	Utilizing "omics" tools to study the complex gut ecosystem. 2014 , 817, 25-38	7
1691	Structural changes in the gut microbiome of constipated patients. 2014 , 46, 679-86	175
1690	Self-organizing approach for meta-genomes. 2014 , 53 Pt A, 118-24	1
1689	Decade in review-gut microbiota: the gut microbiota era marches on. 2014 , 11, 647-9	11
1688	High-protein diet modifies colonic microbiota and luminal environment but not colonocyte metabolism in the rat model: the increased luminal bulk connection. 2014 , 307, G459-70	67
1687	An evolving perspective about the origins of childhood undernutrition and nutritional interventions that includes the gut microbiome. 2014 , 1332, 22-38	38
1686	Compositional dynamics of the human intestinal microbiota with aging: Implications for health. 2014 ,	5
1685	Major Histocompatibility Complex class IIb polymorphism influences gut microbiota composition and diversity. 2014 , 23, 4831-45	111
1684	High-fat-diet-mediated dysbiosis promotes intestinal carcinogenesis independently of obesity. 2014 , 514, 508-12	284
1683	Temporal dynamics of the cecal gut microbiota of juvenile arctic ground squirrels: a strong litter effect across the first active season. 2014 , 80, 4260-8	13
1682	Long-term dietary pattern of fecal donor correlates with butyrate production and markers of protein fermentation during in vitro fecal fermentation. 2014 , 34, 749-59	29
1681	African fermented foods and probiotics. 2014 , 190, 84-96	140

1680	An Overview of the Microbiome and the Effects of Antibiotics. 2014 , 10, 445-450	8
1679	Reset of a critically disturbed microbial ecosystem: faecal transplant in recurrent <i>Clostridium difficile</i> infection. 2014 , 8, 1621-33	128
1678	Conducting a microbiome study. 2014 , 158, 250-262	428
1677	Is eating behavior manipulated by the gastrointestinal microbiota? Evolutionary pressures and potential mechanisms. 2014 , 36, 940-9	241
1676	Microbiote et cancer du cŕbn. 2014 , 8, 146-152	
1675	Alterations of the human gut microbiome in liver cirrhosis. 2014 , 513, 59-64	1155
1674	Minireview: Gut microbiota: the neglected endocrine organ. 2014 , 28, 1221-38	584
1673	Individual diet has sex-dependent effects on vertebrate gut microbiota. 2014 , 5, 4500	330
1672	Understanding gut microbiota in elderly's health will enable intervention through probiotics. 2014 , 5, 235-46	51
1671	A review of the nutritional value of legumes and their effects on obesity and its related co-morbidities. 2014 , 15, 392-407	144
1670	Getting started with microbiome analysis: sample acquisition to bioinformatics. 2014 , 82, 18.8.1-29	79
1669	The gut microbiota, bacterial metabolites and colorectal cancer. 2014 , 12, 661-72	1390
1668	Starving our microbial self: the deleterious consequences of a diet deficient in microbiota-accessible carbohydrates. 2014 , 20, 779-786	423
1667	The dynamics of a family's gut microbiota reveal variations on a theme. 2014 , 2, 25	73
1666	Host-microbe interactions shaping the gastrointestinal environment. 2014 , 35, 538-48	94
1665	Modulation of the gut microbiota by nutrients with prebiotic and probiotic properties. 2014 , 5, 624S-633S	68
1664	The role of diet on intestinal microbiota metabolism: downstream impacts on host immune function and health, and therapeutic implications. 2014 , 49, 785-98	142
1663	The effects of the microbiota on the host immune system. 2014 , 47, 494-504	32

1662	Obesity and the liver: nonalcoholic fatty liver disease. 2014 , 164, 312-22	52
1661	CopyRighter: a rapid tool for improving the accuracy of microbial community profiles through lineage-specific gene copy number correction. 2014 , 2, 11	158
1660	Exploration of bacterial community classes in major human habitats. 2014 , 15, R66	83
1659	The oxidative environment: a mediator of interspecies communication that drives symbiosis evolution. 2014 , 281, 20133112	32
1658	Correlation network analysis reveals relationships between diet-induced changes in human gut microbiota and metabolic health. 2014 , 4, e122	65
1657	Whole grains and pulses: a comparison of the nutritional and health benefits. 2014 , 62, 7029-49	128
1656	Pharma-Nutrition. 2014 ,	
1655	mtDNA haplogroup and single nucleotide polymorphisms structure human microbiome communities. 2014 , 15, 257	57
1654	The intestinal microbiome of fish under starvation. 2014 , 15, 266	170
1653	Contribution of a tannase from <i>Atopobium parvulum</i> DSM 20469T in the oral processing of food tannins. 2014 , 62, 397-402	5
1652	The microbiota, the immune system and the allograft. 2014 , 14, 1236-48	45
1651	The role of gut microbes in satisfying the nutritional demands of adult and juvenile wild, black howler monkeys (<i>Alouatta pigra</i>). 2014 , 155, 652-64	66
1650	To pool or not to pool? Impact of the use of individual and pooled fecal samples for in vitro fermentation studies. 2014 , 107, 1-7	56
1649	Strain/species identification in metagenomes using genome-specific markers. 2014 , 42, e67	56
1648	The human microbiome and bile acid metabolism: dysbiosis, dysmetabolism, disease and intervention. 2014 , 14, 467-82	87
1647	Analyzing the human microbiome: a "how to" guide for physicians. 2014 , 109, 983-93	57
1646	Predictive modeling of gingivitis severity and susceptibility via oral microbiota. 2014 , 8, 1768-80	70
1645	Persistent gut microbiota immaturity in malnourished Bangladeshi children. 2014 , 510, 417-21	703

1644	Microbiota and diabetes: an evolving relationship. 2014 , 63, 1513-21	461
1643	Impact of Kamut® Khorasan on gut microbiota and metabolome in healthy volunteers. 2014 , 63, 227-232	32
1642	The clinical significance of the gut microbiota in cystic fibrosis and the potential for dietary therapies. 2014 , 33, 571-80	45
1641	Shrinkage of the human core microbiome and a proposal for launching microbiome biobanks. 2014 , 9, 639-56	11
1640	Microbiomes are true to type. 2014 , 111, 9372-3	6
1639	Microbial 'old friends', immunoregulation and socioeconomic status. 2014 , 177, 1-12	135
1638	Exercise and associated dietary extremes impact on gut microbial diversity. 2014 , 63, 1913-20	652
1637	Diet, genes, and microbes: complexities of colon cancer prevention. 2014 , 42, 182-8	48
1636	Rapidly expanding knowledge on the role of the gut microbiome in health and disease. 2014 , 1842, 1981-1992	110
1635	Impact of diet and individual variation on intestinal microbiota composition and fermentation products in obese men. 2014 , 8, 2218-30	356
1634	Towards an integrated understanding of gut microbiota using insects as model systems. 2014 , 69, 12-8	36
1633	Biomass utilization by gut microbiomes. 2014 , 68, 279-96	107
1632	Second meal effect on appetite and fermentation of wholegrain rye foods. 2014 , 80, 248-56	34
1631	Short communication: effect of milk and milk containing Lactobacillus casei on the intestinal microbiota of mice. 2014 , 97, 2049-55	17
1630	Mechanistic links between gut microbial community dynamics, microbial functions and metabolic health. 2014 , 20, 16498-517	74
1629	Role of the gut microbiota in inflammatory bowel disease pathogenesis: what have we learnt in the past 10 years?. 2014 , 20, 1192-210	240
1628	Genetically identical co-housed pigs as models for dietary studies of gut microbiomes. 2014 , 1,	3
1627	Antimicrobial Peptides and Gut Microbiota in Homeostasis and Pathology. 2014 , 171-218	

1626	Impact of a Synbiotic Food on the Gut Microbial Ecology and Metabolic Profiles. 2014 , 259-286	
1625	Nutrition, Microbiomes, and Intestinal Inflammation. 2014 , 1-8	
1624	Polysaccharides from Mushrooms: A Natural Source of Bioactive Carbohydrates. 2014 , 168-189	
1623	Influence of the Intestinal Microbiota on the Critically. 2014 , 301-314	1
1622	The Role of Probiotics in Prevention and Treatment of GI Infections. 2014 , 173-186	
1621	[Advanced technologies for the human gut microbiome analysis]. 2014 , 37, 412-22	2
1620	Fungal Signature in the Gut Microbiota of Pediatric Patients With Inflammatory Bowel Disease. 2015 , 21, 1948-56	131
1619	Das intestinale Mikrobiom [Bedeutung und Stabilität] unter Antibiotikatherapie. 2015 , 10, 277-285	
1618	Soy Protein Compared with Milk Protein in a Western Diet Increases Gut Microbial Diversity and Reduces Serum Lipids in Golden Syrian Hamsters. 2016 , 146, 697-705	57
1617	The gut microbiome: What do we know?. 2015 , 5, 86-90	6
1616	Dietary Yeasts Reduce Inflammation in Central Nerve System via Microflora. 2015 , 2, 56-66	34
1615	Quantitative analysis of commensal Escherichia coli populations reveals host-specific enterotypes at the intra-species level. 2015 , 4, 604-15	45
1614	Immunogenetic control of the intestinal microbiota. 2015 , 145, 313-22	35
1613	Membrane filter method to study the effects of Lactobacillus acidophilus and Bifidobacterium longum on fecal microbiota. 2015 , 59, 643-52	1
1612	The Human Intestinal Microbiota and Microbiome. 2015 , 617-625	
1611	Reduction of butyrate- and methane-producing microorganisms in patients with Irritable Bowel Syndrome. 2015 , 5, 12693	173
1610	The Roles of Inflammation, Nutrient Availability and the Commensal Microbiota in Enteric Pathogen Infection. 2015 , 3,	109
1609	Systematic review and meta-analysis of lactose digestion, its impact on intolerance and nutritional effects of dairy food restriction in inflammatory bowel diseases. 2016 , 15, 67	44

1608	Fecal microbiota imbalance in Mexican children with type 1 diabetes. 2014 , 4, 3814	137
1607	Microorganisms in Fermented Foods and Beverages. 2015 , 16-125	2
1606	Nonalcoholic fatty liver disease. 2015 , 1, 15080	366
1605	Habitat fragmentation is associated to gut microbiota diversity of an endangered primate: implications for conservation. 2015 , 5, 14862	107
1604	Application of density gradient for the isolation of the fecal microbial stool component and the potential use thereof. 2015 , 5, 16807	27
1603	Nutritional Considerations in Gastroesophageal Reux Disease and Eosinophilic Esophagitis. 2015 , 175-188	
1602	Malabsorption. 2015 , 43-76	
1601	Inflammatory Bowel Diseases: Pathogenesis. 2015 , 1364-1377	1
1600	Immunometabolism of obesity and diabetes: microbiota link compartmentalized immunity in the gut to metabolic tissue inflammation. 2015 , 129, 1083-96	63
1599	Comparative analyses of fecal microbiota in Tibetan and Chinese Han living at low or high altitude by barcoded 454 pyrosequencing. 2015 , 5, 14682	55
1598	[Gut Microbiota and Internal Diseases: Update Information. Topics: V. Gut Microbiota: Topics in Various Medical Fields; 1. Does intestinal flora promote atherosclerosis?]. 2015 , 104, 66-70	1
1597	Diversity of key players in the microbial ecosystems of the human body. 2015 , 5, 15920	19
1596	Spatial heterogeneity of gut microbiota reveals multiple bacterial communities with distinct characteristics. 2014 , 4, 6185	26
1595	Recent advances in characterizing the gastrointestinal microbiome in Crohn's disease: a systematic review. 2015 , 21, 1219-28	119
1594	High School Diet and Risk of Crohn's Disease and Ulcerative Colitis. 2015 , 21, 2311-9	59
1593	Allergie und das Mikrobiom des Darms [Teil 1. 2015 , 58, 22-26	1
1592	Quinolone resistance mutations in the faecal microbiota of Swedish travellers to India. 2015 , 15, 235	14
1591	Inflammation-associated microbiota in pediatric eosinophilic esophagitis. 2015 , 3, 23	95

1590	The effect of dietary resistant starch type 2 on the microbiota and markers of gut inflammation in rural Malawi children. 2015 , 3, 37	42
1589	Gut microbiota in hypertension. 2015 , 24, 403-9	102
1588	Fizzy: feature subset selection for metagenomics. 2015 , 16, 358	26
1587	Gut microbiota and allogeneic transplantation. 2015 , 13, 275	53
1586	Cultivation of stable, reproducible microbial communities from different fecal donors using minibioreactor arrays (MBRAs). 2015 , 3, 42	76
1585	Context and the human microbiome. 2015 , 3, 52	58
1584	Variable responses of human and non-human primate gut microbiomes to a Western diet. 2015 , 3, 53	88
1583	The intestinal microbiome and health. 2015 , 28, 464-70	98
1582	FcR ϵ chain deficiency reduces the development of diet-induced obesity. 2015 , 23, 2435-44	7
1581	The gut microbiome: a new frontier for alcohol investigation. 2015 , 39, 947-9	8
1580	The Intestinal Microbiome in Bariatric Surgery Patients. 2015 , 23, 496-503	29
1579	Gut Microbiota and Energy Expenditure in Health and Obesity. 2015 , 49 Suppl 1, S13-9	13
1578	Reciprocal interaction of diet and microbiome in inflammatory bowel diseases. 2015 , 31, 464-70	25
1577	The Intestinal Microbiota in Acute Anorexia Nervosa and During Renourishment: Relationship to Depression, Anxiety, and Eating Disorder Psychopathology. 2015 , 77, 969-81	166
1576	Towards large-cohort comparative studies to define the factors influencing the gut microbial community structure of ASD patients. 2015 , 26, 26555	13
1575	Comparison of the gut microbiota profile in breast-fed and formula-fed Korean infants using pyrosequencing. 2015 , 9, 242-8	68
1574	Gut microbiota as potential orchestrators of irritable bowel syndrome. 2015 , 9, 318-31	86
1573	THE HUMAN MICROBIOTA: THE ROLE OF MICROBIAL COMMUNITIES IN HEALTH AND DISEASE. 2015 , 21,	1

1572	Intrinsic association between diet and the gut microbiome: current evidence. 2015 , 7, 69-76	10
1571	Enteral feeding and its impact on the gut immune system and intestinal mucosal barrier. 2015 , 10, 71-7	11
1570	Pathogenesis of Crohn's disease. 2015 , 7, 44	48
1569	Contribution of diet to the composition of the human gut microbiota. 2015 , 26, 26164	227
1568	Milk- and solid-feeding practices and daycare attendance are associated with differences in bacterial diversity, predominant communities, and metabolic and immune function of the infant gut microbiome. 2015 , 5, 3	135
1567	Gut Microbiota: A Modulator of Brain Plasticity and Cognitive Function in Ageing. 2015 , 3, 898-916	54
1566	The impact of diet and lifestyle on gut microbiota and human health. 2014 , 7, 17-44	770
1565	Understanding how commensal obligate anaerobic bacteria regulate immune functions in the large intestine. 2014 , 7, 45-73	46
1564	Association of polyphenols from oranges and apples with specific intestinal microorganisms in systemic lupus erythematosus patients. 2015 , 7, 1301-17	47
1563	Intestinal Microbiota and Celiac Disease: Cause, Consequence or Co-Evolution?. 2015 , 7, 6900-23	116
1562	Lentil and Kale: Complementary Nutrient-Rich Whole Food Sources to Combat Micronutrient and Calorie Malnutrition. 2015 , 7, 9285-98	31
1561	Mechanisms of Microbe-Host Interaction in Crohn's Disease: Dysbiosis vs. Pathobiont Selection. 2015 , 6, 555	51
1560	Interaction of Intestinal Microorganisms with the Human Host in the Framework of Autoimmune Diseases. 2015 , 6, 594	21
1559	From ingestion to colonization: the influence of the host environment on regulation of the LEE encoded type III secretion system in enterohaemorrhagic Escherichia coli. 2015 , 6, 568	45
1558	The human gut virome: a multifaceted majority. 2015 , 6, 918	141
1557	Geriatric Respondents and Non-Respondents to Probiotic Intervention Can be Differentiated by Inherent Gut Microbiome Composition. 2015 , 6, 944	15
1556	Intestinal Microbiota Signatures Associated with Inflammation History in Mice Experiencing Recurring Colitis. 2015 , 6, 1408	67
1555	Longitudinal Microbiome Data Analysis. 2015 , 97-111	4

1554	Characterization of the gut microbiota of Papua New Guineans using reverse transcription quantitative PCR. 2015 , 10, e0117427	19
1553	Chronic <i>Trichuris muris</i> Infection in C57BL/6 Mice Causes Significant Changes in Host Microbiota and Metabolome: Effects Reversed by Pathogen Clearance. 2015 , 10, e0125945	118
1552	Bacterial Composition of the Human Upper Gastrointestinal Tract Microbiome Is Dynamic and Associated with Genomic Instability in a Barrett's Esophagus Cohort. 2015 , 10, e0129055	85
1551	Defined Nutrient Diets Alter Susceptibility to <i>Clostridium difficile</i> Associated Disease in a Murine Model. 2015 , 10, e0131829	16
1550	Obesity Alters the Microbial Community Profile in Korean Adolescents. 2015 , 10, e0134333	85
1549	Diet- and Genetically-Induced Obesity Differentially Affect the Fecal Microbiome and Metabolome in Apc1638N Mice. 2015 , 10, e0135758	29
1548	Alterations in the Colonic Microbiota of Pigs Associated with Feeding Distillers Dried Grains with Solubles. 2015 , 10, e0141337	18
1547	Variation in Taxonomic Composition of the Fecal Microbiota in an Inbred Mouse Strain across Individuals and Time. 2015 , 10, e0142825	49
1546	A Longitudinal Study of the Feline Faecal Microbiome Identifies Changes into Early Adulthood Irrespective of Sexual Development. 2015 , 10, e0144881	35
1545	Diet, Microbiota and Immune System in Type 1 Diabetes Development and Evolution. 2015 , 7, 9171-84	64
1544	Onset of Ulcerative Colitis during a Low-Carbohydrate Weight-Loss Diet and Treatment with a Plant-Based Diet: A Case Report. 2016 , 20, 80-4	9
1543	Adult lactose digestion status and effects on disease. 2015 , 29, 149-56	13
1542	The multifaceted role of commensal microbiota in homeostasis and gastrointestinal diseases. 2015 , 2015, 321241	25
1541	Intestinal microbiota as modulators of the immune system and neuroimmune system: impact on the host health and homeostasis. 2015 , 2015, 931574	69
1540	Toward enteral nutrition for the treatment of pediatric Crohn disease in Canada: a workshop to identify barriers and enablers. 2015 , 29, 351-6	31
1539	A survey of modulation of gut microbiota by dietary polyphenols. 2015 , 2015, 850902	217
1538	Gut bacteria in children with autism spectrum disorders: challenges and promise of studying how a complex community influences a complex disease. 2015 , 26, 26914	70
1537	Review on microbiota and effectiveness of probiotics use in older. 2015 , 3, 156-62	64

1536	The Human Microbiome of Local Body Sites and Their Unique Biology. 2015 , 11-18	0
1535	Diversity in gut bacterial community of school-age children in Asia. 2015 , 5, 8397	159
1534	Fermented green tea extract alleviates obesity and related complications and alters gut microbiota composition in diet-induced obese mice. 2015 , 18, 549-56	91
1533	Changing views on diverticular disease: impact of aging, obesity, diet, and microbiota. 2015 , 27, 305-12	43
1532	Application of metagenomics in the human gut microbiome. 2015 , 21, 803-14	204
1531	Clinical applications of bioactive milk components. 2015 , 73, 463-76	75
1530	Sex, body mass index, and dietary fiber intake influence the human gut microbiome. 2015 , 10, e0124599	226
1529	The art of targeting gut microbiota for tackling human obesity. 2015 , 10, 472	13
1528	Metagenomics meets time series analysis: unraveling microbial community dynamics. 2015 , 25, 56-66	236
1527	The bamboo-eating giant panda harbors a carnivore-like gut microbiota, with excessive seasonal variations. 2015 , 6, e00022-15	142
1526	Microbiota disbiosis is associated with colorectal cancer. 2015 , 6, 20	282
1525	Colon Cancer Prevention through Probiotics: An Overview. 2015 , 07,	9
1524	Multiscale analysis of the murine intestine for modeling human diseases. 2015 , 7, 740-57	5
1523	The Howler Monkey as a Model for Exploring Host-Gut Microbiota Interactions in Primates. 2015 , 229-258	7
1522	Fecal menaquinone profiles of overweight adults are associated with gut microbiota composition during a gut microbiota-targeted dietary intervention. 2015 , 102, 84-93	24
1521	The Mucosal Microbiome. 2015 , 63-77	2
1520	Gnotobiology and the Study of Complex Interactions between the Intestinal Microbiota, Probiotics, and the Host. 2015 , 109-133	4
1519	Malnutrition, Immunodeficiency, and Mucosal Infection. 2015 , 1461-1479	1

1518	Microbiota and Host Nutrition across Plant and Animal Kingdoms. 2015 , 17, 603-16	373
1517	Human intestinal gas measurement systems: in vitro fermentation and gas capsules. 2015 , 33, 208-13	65
1516	Gut microbiota of humans, dogs and cats: current knowledge and future opportunities and challenges. 2015 , 113 Suppl, S6-17	95
1515	Absorption, Transport, and Retention. 2015 , 37-93	2
1514	The effect of past antibiotic exposure on diabetes risk. 2015 , 172, 639-48	107
1513	Temporal and technical variability of human gut metagenomes. 2015 , 16, 73	108
1512	Elucidating microbial codes to distinguish individuals. 2015 , 112, 6778-9	5
1511	The human microbiome in hematopoiesis and hematologic disorders. 2015 , 126, 311-8	52
1510	Gut microbial succession follows acute secretory diarrhea in humans. 2015 , 6, e00381-15	104
1509	New insight into the gut microbiome through metagenomics. 2015 , 77	7
1508	Creating Healthier Microbiomes, from Conception to Childhood: A Clinical Conversation with Geeta Maker-Clark, MD, and Robert Rountree, MD. 2015 , 21, 189-193	
1507	Antenatal Microbiome: Potential Contributor to Fetal Programming and Establishment of the Microbiome in Offspring. 2015 , 64, 306-19	5
1506	Gut microbiota richness promotes its stability upon increased dietary fibre intake in healthy adults. 2015 , 17, 4954-64	193
1505	Review article: dietary fibre-microbiota interactions. 2015 , 42, 158-79	288
1504	Non-lethal Inhibition of Gut Microbial Trimethylamine Production for the Treatment of Atherosclerosis. 2015 , 163, 1585-95	688
1503	Rhythmicity of the intestinal microbiota is regulated by gender and the host circadian clock. 2015 , 112, 10479-84	279
1502	Can Your Microbiome Tell You What to Eat?. 2015 , 22, 960-1	16
1501	Reply to RE Kleinman. 2015 , 102, 1618-9	

1500	In silico identification of bacteriocin gene clusters in the gastrointestinal tract, based on the Human Microbiome Project's reference genome database. 2015 , 15, 183	77
1499	Le microbiote intestinal : un nouvel acteur de la nutrition ?. 2015 , 50, 6S22-6S29	
1498	Gut microbiota and non-alcoholic fatty liver disease. 2015 , 14, 572-81	45
1497	Ein komplexes Zusammenspiel mit Zukunftspotenzial. 2015 , 9, 40-46	
1496	Contentious host-microbiota relationship in inflammatory bowel disease--can foes become friends again?. 2015 , 50, 34-42	25
1495	Nutrients, foods, and colorectal cancer prevention. 2015 , 148, 1244-60.e16	327
1494	Gut microbiome composition is associated with temperament during early childhood. 2015 , 45, 118-27	101
1493	Ancient human microbiomes. 2015 , 79, 125-36	90
1492	Diet strongly influences the gut microbiota of surgeonfishes. 2015 , 24, 656-72	114
1491	A phylo-functional core of gut microbiota in healthy young Chinese cohorts across lifestyles, geography and ethnicities. 2015 , 9, 1979-90	231
1490	Stability of gut enterotypes in Korean monozygotic twins and their association with biomarkers and diet. 2014 , 4, 7348	76
1489	Distinct gut microbiota of healthy children from two different geographic regions of Thailand. 2015 , 197, 561-73	32
1488	Shifts in microbiota species and fermentation products in a dietary model enriched in fat and sucrose. 2015 , 6, 97-111	27
1487	Intestinal microbiota and diet in IBS: causes, consequences, or epiphenomena?. 2015 , 110, 278-87	225
1486	Diet in the pathogenesis and treatment of inflammatory bowel diseases. 2015 , 148, 1087-106	227
1485	The gut microbial endocrine organ: bacterially derived signals driving cardiometabolic diseases. 2015 , 66, 343-59	240
1484	Dysbiosis gut microbiota associated with inflammation and impaired mucosal immune function in intestine of humans with non-alcoholic fatty liver disease. 2015 , 5, 8096	311
1483	The influence of diet on the gut microbiota and its consequences for health. 2015 , 32, 195-199	108

1482	Recent advances in the integrative nutrition of arthropods. 2015 , 60, 293-311	91
1481	How informative is the mouse for human gut microbiota research?. 2015 , 8, 1-16	691
1480	Whole-grain wheat consumption reduces inflammation in a randomized controlled trial on overweight and obese subjects with unhealthy dietary and lifestyle behaviors: role of polyphenols bound to cereal dietary fiber. 2015 , 101, 251-61	198
1479	Metabonomics and Gut Microbiota in Nutrition and Disease. 2015 ,	2
1478	Dysbiosis and alterations in predicted functions of the subgingival microbiome in chronic periodontitis. 2015 , 81, 783-93	129
1477	Murine gut microbiota-diet trumps genes. 2015 , 17, 3-5	23
1476	Food, immunity, and the microbiome. 2015 , 148, 1107-19	193
1475	Intestinal dysbiosis: an emerging cause of pregnancy complications?. 2015 , 84, 223-6	29
1474	Macronutrients mediate the functional relationship between <i>Drosophila</i> and <i>Wolbachia</i> . 2015 , 282, 20142029	51
1473	Divergence across diet, time and populations rules out parallel evolution in the gut microbiomes of Trinidadian guppies. 2015 , 9, 1508-22	85
1472	Linking fat intake, the intestinal microbiome, and necrotizing enterocolitis in premature infants. 2015 , 77, 121-6	12
1471	The role of the gut microbiome in the healthy adult status. 2015 , 451, 97-102	232
1470	Metabolic syndrome and nonalcoholic fatty liver disease: Is insulin resistance the link?. 2015 , 418 Pt 1, 55-65	177
1469	Diet and upper gastrointestinal malignancies. 2015 , 148, 1234-1243.e4	59
1468	Nutrition facts in multiple sclerosis. 2015 , 7,	117
1467	Epidemiology and risk factors for IBD. 2015 , 12, 205-17	783
1466	The gut microbiota appears to compensate for seasonal diet variation in the wild black howler monkey (<i>Alouatta pigra</i>). 2015 , 69, 434-43	148
1465	Gut microbiota composition correlates with changes in body fat content due to weight loss. 2015 , 6, 431-9	97

1464	The human microbiome: opportunities and challenges for clinical care. 2015 , 45, 889-98	6
1463	Dietary effects on human gut microbiome diversity. 2015 , 113 Suppl, S1-5	256
1462	Human gut microbiota: does diet matter?. 2015 , 74, 23-36	88
1461	Contrasting effects of fresh and fermented kimchi consumption on gut microbiota composition and gene expression related to metabolic syndrome in obese Korean women. 2015 , 59, 1004-8	51
1460	Dietary iron depletion at weaning imprints low microbiome diversity and this is not recovered with oral Nano Fe(III). 2015 , 4, 12-27	34
1459	Dietary inflammatory index and anthropometric measures of obesity in a population sample at high cardiovascular risk from the PREDIMED (PREvenci3n con Dieta MEDiterr3nea) trial. 2015 , 113, 984-95	157
1458	Fecal Microbiota in Healthy Subjects Following Omnivore, Vegetarian and Vegan Diets: Culturable Populations and rRNA DGGE Profiling. 2015 , 10, e0128669	59
1457	Lean rats gained more body weight from a high-fructooligosaccharide diet. 2015 , 6, 2315-21	14
1456	Specific gut microbiota features and metabolic markers in postmenopausal women with obesity. 2015 , 5, e159	134
1455	Quantifying Diet-Induced Metabolic Changes of the Human Gut Microbiome. 2015 , 22, 320-31	275
1454	The gut microbiota in human energy homeostasis and obesity. 2015 , 26, 493-501	253
1453	Pomegranate extract induces ellagitannin metabolite formation and changes stool microbiota in healthy volunteers. 2015 , 6, 2487-95	85
1452	On the role of gut bacteria and infant diet in the development of autoimmunity for type 1 diabetes. Reply to H3ninen ALM and Toivonen RK [letter]. 2015 , 58, 2197-8	4
1451	Listening to Our Gut: Contribution of Gut Microbiota and Cardiovascular Risk in Diabetes Pathogenesis. 2015 , 15, 63	17
1450	Nutritional systems biology of type 2 diabetes. 2015 , 10, 481	20
1449	Prebiotics and gut microbiota in chickens. 2015 , 362, fnv122	142
1448	Metagenomics of the human intestinal tract: from who is there to what is done there. 2015 , 4, 64-68	8
1447	The intestinal glycome and its modulation by diet and nutrition. 2015 , 73, 359-75	26

1446	Coptisine attenuates obesity-related inflammation through LPS/TLR-4-mediated signaling pathway in Syrian golden hamsters. 2015 , 105, 139-46	43
1445	A Nutritional Anthropology of the Human Gut Microbiota. 2015 , 17-26	
1444	Metabolic Syndrome and Complications of Pregnancy. 2015 ,	1
1443	Vitamin B12 modulates the transcriptome of the skin microbiota in acne pathogenesis. 2015 , 7, 293ra103	87
1442	About the gut microbiome as a pharmacological target in atherosclerosis. 2015 , 763, 75-8	7
1441	Alterations in Intestinal Microbiota Correlate With Susceptibility to Type 1 Diabetes. 2015 , 64, 3510-20	170
1440	Can we change our microbiome to prevent colorectal cancer development?. 2015 , 54, 1085-95	13
1439	Gut-liver axis, nutrition, and non-alcoholic fatty liver disease. 2015 , 48, 923-30	165
1438	The New Science of Metagenomics and the Challenges of Its Use in Both Developed and Developing Countries. 2015 , 191-216	4
1437	Inter- and intra-individual variations in seasonal and daily stabilities of the human gut microbiota in Japanese. 2015 , 197, 919-34	67
1436	Dietary Modulation of Gut Microbiota Contributes to Alleviation of Both Genetic and Simple Obesity in Children. 2015 , 2, 968-84	198
1435	Dietary polyamine intake and colorectal cancer risk in postmenopausal women. 2015 , 102, 411-9	25
1434	Trimethylamine-N-oxide: A Novel Biomarker for the Identification of Inflammatory Bowel Disease. 2015 , 60, 3620-30	39
1433	Engineering the Microbiome: a Novel Approach to Immunotherapy for Allergic and Immune Diseases. 2015 , 15, 39	12
1432	Socio-Ecological Dimensions of Infectious Diseases in Southeast Asia. 2015 ,	2
1431	SymbiosisEvolution Co-Author. 2015 , 41-80	7
1430	Dietary saponins from four popular herbal tea exert prebiotic-like effects on gut microbiota in C57BL/6 mice. 2015 , 17, 892-902	37
1429	Microbe-based approaches for the treatment of diabetes. 2015 , 5, 139-142	1

1428	Lentinula edodes-derived polysaccharide alters the spatial structure of gut microbiota in mice. 2015 , 10, e0115037	49
1427	Rehmannia glutinosa reduced waist circumferences of Korean obese women possibly through modulation of gut microbiota. 2015 , 6, 2684-92	24
1426	The relationship between phenolic compounds from diet and microbiota: impact on human health. 2015 , 6, 2424-39	140
1425	Engineering the gut microbiota to treat hyperammonemia. 2015 , 125, 2841-50	110
1424	The Effect of Diet and Probiotics on the Human Gut Microbiome. 2015 , 35-45	
1423	Aging and the human gut microbiota-from correlation to causality. 2014 , 5, 764	91
1422	Enterolignan-producing phenotypes are associated with increased gut microbial diversity and altered composition in premenopausal women in the United States. 2015 , 24, 546-54	48
1421	Fat, fibre and cancer risk in African Americans and rural Africans. 2015 , 6, 6342	534
1420	Dietary allicin reduces transformation of L-carnitine to TMAO through impact on gut microbiota. 2015 , 15, 408-417	42
1419	Dietary input of microbes and host genetic variation shape among-population differences in stickleback gut microbiota. 2015 , 9, 2515-26	178
1418	A day in the life of the meta-organism: diurnal rhythms of the intestinal microbiome and its host. 2015 , 6, 137-42	40
1417	Dynamic efficiency of the human intestinal microbiota. 2015 , 41, 165-71	28
1416	Probiotics. 2015 , 61, 259-90	28
1415	Impacts of gut bacteria on human health and diseases. 2015 , 16, 7493-519	420
1414	The role of the gut microbiota in metabolic health. 2015 , 29, 3111-23	120
1413	Gut microbiota and the development of pediatric diseases. 2015 , 50, 720-6	37
1412	Evaluating variation in human gut microbiota profiles due to DNA extraction method and inter-subject differences. 2015 , 6, 130	112
1411	Bugs and stress 'on top of genetics': can the way we are born affect our health?. 2015 , 31, 341-4	4

1410	Microbiome, Metagenomics, and High-Dimensional Compositional Data Analysis. 2015 , 2, 73-94	158
1409	[Interaction between humans and intestinal bacteria as a determinant for intestinal health : intestinal microbiome and inflammatory bowel diseases]. 2015 , 58, 159-65	3
1408	Which Environmental Factors Cause IBD Relapses?. 2015 , 60, 1129-31	3
1407	IBD and the gut microbiota--from bench to personalized medicine. 2015 , 17, 15	45
1406	Functional divergence in gastrointestinal microbiota in physically-separated genetically identical mice. 2014 , 4, 5437	41
1405	Divergences in gene repertoire among the reference Prevotella genomes derived from distinct body sites of human. 2015 , 16, 153	41
1404	Could enteral nutrition improve the outcome of patients with haematological malignancies undergoing allogeneic haematopoietic stem cell transplantation? A study protocol for a randomized controlled trial (the NEPHA study). 2015 , 16, 136	25
1403	The gut microbiome in cardio-metabolic health. 2015 , 7, 33	78
1402	16S gut community of the Cameron County Hispanic Cohort. 2015 , 3, 7	38
1401	Human experimental endotoxemia in modeling the pathophysiology, genomics, and therapeutics of innate immunity in complex cardiometabolic diseases. 2015 , 35, 525-34	36
1400	Gut microbiome compositional and functional differences between tumor and non-tumor adjacent tissues from cohorts from the US and Spain. 2015 , 6, 161-72	63
1399	Mongolians core gut microbiota and its correlation with seasonal dietary changes. 2014 , 4, 5001	71
1398	Microbiota and autoimmunity: exploring new avenues. 2015 , 17, 548-52	67
1397	[Characterization, influence and manipulation of the gastrointestinal microbiota in health and disease]. 2015 , 38, 445-66	3
1396	Interaction of dietary compounds, especially polyphenols, with the intestinal microbiota: a review. 2015 , 54, 325-41	331
1395	Sewage reflects the microbiomes of human populations. 2015 , 6, e02574	153
1394	Gut microbes, immunity, and spondyloarthritis. 2015 , 159, 134-42	37
1393	Identifying personal microbiomes using metagenomic codes. 2015 , 112, E2930-8	270

1392	Obesity and the gastrointestinal microbiota: a review of associations and mechanisms. 2015 , 73, 376-85	84
1391	Life history correlates of fecal bacterial species richness in a wild population of the blue tit <i>Cyanistes caeruleus</i> . 2015 , 5, 821-35	22
1390	Functional impacts of the intestinal microbiome in the pathogenesis of inflammatory bowel disease. 2015 , 21, 139-53	79
1389	Inflammatory bowel disease pathogenesis: where are we?. 2015 , 30 Suppl 1, 12-8	54
1388	Antibiotic suppression of intestinal microbiota reduces heme-induced lipoperoxidation associated with colon carcinogenesis in rats. 2015 , 67, 119-25	32
1387	Power and sample-size estimation for microbiome studies using pairwise distances and PERMANOVA. 2015 , 31, 2461-8	193
1386	Metabolite-sensing receptors GPR43 and GPR109A facilitate dietary fibre-induced gut homeostasis through regulation of the inflammasome. 2015 , 6, 6734	658
1385	Culturable aerobic and facultative bacteria from the gut of the polyphagic dung beetle <i>Thorectes lusitanicus</i> . 2015 , 22, 178-90	12
1384	Effect of preservation method on spider monkey (<i>Ateles geoffroyi</i>) fecal microbiota over 8 weeks. 2015 , 113, 16-26	84
1383	The gut microbiome and diet in psychiatry: focus on depression. 2015 , 28, 1-6	207
1382	Fate, activity, and impact of ingested bacteria within the human gut microbiota. 2015 , 23, 354-66	322
1381	Ulcerative colitis. 2015 , 43, 276-281	5
1380	Links between diet, gut microbiota composition and gut metabolism. 2015 , 74, 13-22	490
1379	Gut microbiome composition and metabolomic profiles of wild western lowland gorillas (<i>Gorilla gorilla gorilla</i>) reflect host ecology. 2015 , 24, 2551-65	125
1378	Can inflammatory bowel disease be permanently treated with short-term interventions on the microbiome?. 2015 , 9, 781-95	36
1377	Gastrointestinal microbiome modulator improves glucose tolerance in overweight and obese subjects: A randomized controlled pilot trial. 2015 , 29, 1272-6	46
1376	Prebiotic effects of cocoa fibre on rats. 2015 , 19, 341-352	22
1375	A catalog of the mouse gut metagenome. 2015 , 33, 1103-8	295

1374	Soluble Dextrin Fibers Alter the Intestinal Microbiota and Reduce Proinflammatory Cytokine Secretion in Male IL-10-Deficient Mice. 2015 , 145, 2060-6	22
1373	The gut microbiota of rural papua new guineans: composition, diversity patterns, and ecological processes. 2015 , 11, 527-38	342
1372	Intermicrobial Interactions as a Driver for Community Composition and Stratification of Oral Biofilms. 2015 , 427, 3662-75	57
1371	Comparison of the gut microbiota composition between obese and non-obese individuals in a Japanese population, as analyzed by terminal restriction fragment length polymorphism and next-generation sequencing. 2015 , 15, 100	259
1370	Arsenic induces structural and compositional colonic microbiome change and promotes host nitrogen and amino acid metabolism. 2015 , 289, 397-408	47
1369	Microbiomes in light of traits: A phylogenetic perspective. <i>Science</i> , 2015 , 350, aac9323	33.3 392
1368	Interactions Between the Gastrointestinal Microbiome and <i>Clostridium difficile</i> . 2015 , 69, 445-61	167
1367	Linking Microbiota to Human Diseases: A Systems Biology Perspective. 2015 , 26, 758-770	98
1366	A model for the role of gut bacteria in the development of autoimmunity for type 1 diabetes. 2015 , 58, 1386-93	76
1365	Early-life establishment of the swine gut microbiome and impact on host phenotypes. 2015 , 7, 554-69	216
1364	Helminths and the microbiota: parts of the hygiene hypothesis. 2015 , 37, 314-23	40
1363	Genetic and environmental control of host-gut microbiota interactions. 2015 , 25, 1558-69	199
1362	The Human Gut Microbiome as a Transporter of Antibiotic Resistance Genes between Continents. 2015 , 59, 6551-60	120
1361	Obesity, Diet and the Gut Microbiota. 2015 , 4, 340-347	4
1360	Feeding on microbiomes: effects of detritivory on the taxonomic and phylogenetic bacterial composition of animal manures. 2015 , 91,	36
1359	Ecology of bacteria in the human gastrointestinal tract--identification of keystone and foundation taxa. 2015 , 3, 44	85
1358	[The human microbiome]. 2015 , 140, 1451-6	
1357	Stability of saliva microbiota during moderate consumption of red wine. 2015 , 60, 1763-8	15

1356	Microbiota in Inflammatory Bowel Disease Pathogenesis and Therapy: Is It All About Diet?. 2015 , 30, 760-79	44
1355	Inflammation, Antibiotics, and Diet as Environmental Stressors of the Gut Microbiome in Pediatric Crohn's Disease. 2015 , 18, 489-500	446
1354	Eat Your Curry. 2015 , 18, 385-7	1
1353	Oral and faecal microbiota in volunteers with hypertension in a double blind, randomised placebo controlled trial with probiotics and fermented bilberries. 2015 , 18, 275-288	10
1352	Fecal Microbial Community Structure Is Stable over Time and Related to Variation in Macronutrient and Micronutrient Intakes in Lactating Women. 2015 , 145, 2379-88	46
1351	Microbiology Meets Big Data: The Case of Gut Microbiota-Derived Trimethylamine. 2015 , 69, 305-21	94
1350	Decompensated cirrhosis and microbiome interpretation. 2015 , 525, E1-2	72
1349	Qin et al. reply. 2015 , 525, E2-3	3
1348	Microbiota Organ and Bariatric Surgery. 2015 , 43-55	
1347	A Review of Applied Aspects of Dealing with Gut Microbiota Impact on Rodent Models. 2015 , 56, 250-64	22
1346	Manipulating the Gut Microbiota: Methods and Challenges. 2015 , 56, 205-17	69
1345	Gut Microbiome and the Development of Food Allergy and Allergic Disease. 2015 , 62, 1479-92	47
1344	The effects of folate intake on DNA and single-carbon pathway metabolism in the fruit fly <i>Drosophila melanogaster</i> compared to mammals. 2015 , 189, 34-9	5
1343	Single-strain starter experimental cheese reveals anti-inflammatory effect of <i>Propionibacterium freudenreichii</i> CIRM BIA 129 in TNBS-colitis model. 2015 , 18, 575-585	29
1342	The gut microbiota keeps enteric glial cells on the move; prospective roles of the gut epithelium and immune system. 2015 , 6, 398-403	33
1341	Personalized Nutrition by Prediction of Glycemic Responses. 2015 , 163, 1079-1094	1205
1340	Dietary Fiber-Induced Improvement in Glucose Metabolism Is Associated with Increased Abundance of <i>Prevotella</i> . 2015 , 22, 971-82	748
1339	Insights into the role of the microbiome in obesity and type 2 diabetes. 2015 , 38, 159-65	384

1338	Crosstalk at the mucosal border: importance of the gut microenvironment in IBS. 2015 , 12, 36-49	115
1337	Probiotic Microorganisms for Shaping the Human Gut Microbiota [Mechanisms and Efficacy into the Future. 2015 , 27-40	
1336	Whole grain oats improve insulin sensitivity and plasma cholesterol profile and modify gut microbiota composition in C57BL/6J mice. 2015 , 145, 222-30	48
1335	The interplay between the intestinal microbiota and the immune system. 2015 , 39, 9-19	47
1334	Development of human colonic microbiota in the computer-controlled dynamic SIMulator of the GastroIntestinal tract SIMGI. 2015 , 61, 283-289	59
1333	Influence of intestinal microbiota on body weight gain: a narrative review of the literature. 2015 , 25, 346-53	31
1332	Howler Monkeys. 2015 ,	4
1331	Gut microbiota are related to Parkinson's disease and clinical phenotype. 2015 , 30, 350-8	973
1330	The "psychomicrobiotic": Targeting microbiota in major psychiatric disorders: A systematic review. 2015 , 63, 35-42	119
1329	Deciphering the human microbiome using next-generation sequencing data and bioinformatics approaches. 2015 , 79-80, 52-9	35
1328	The Epidemiology of Obesity: A Big Picture. 2015 , 33, 673-89	1191
1327	Mechanisms in endocrinology: Gut microbiota in patients with type 2 diabetes mellitus. 2015 , 172, R167-77	119
1326	The human microbiota associated with overall health. 2015 , 35, 129-40	15
1325	Hygiene and other early childhood influences on the subsequent function of the immune system. 2015 , 1617, 47-62	64
1324	Gut microbiome and anticancer immune response: really hot Sh*t!. 2015 , 22, 199-214	84
1323	Gut microbiome and nonalcoholic fatty liver diseases. 2015 , 77, 245-51	92
1322	Environmental risk factors for inflammatory bowel diseases: a review. 2015 , 60, 290-8	99
1321	Novel opportunities for the exploitation of host-microbiome interactions in the intestine. 2015 , 32, 28-34	12

1320	Immune homeostasis, dysbiosis and therapeutic modulation of the gut microbiota. 2015 , 179, 363-77	177
1319	Altered metabolism of gut microbiota contributes to chronic immune activation in HIV-infected individuals. 2015 , 8, 760-72	173
1318	Bacterial community composition and fermentation patterns in the rumen of sika deer (<i>Cervus nippon</i>) fed three different diets. 2015 , 69, 307-18	32
1317	Crosstalk between intestinal microbiota, adipose tissue and skeletal muscle as an early event in systemic low-grade inflammation and the development of obesity and diabetes. 2015 , 31, 545-61	111
1316	Environmental risk factors in inflammatory bowel disease: a population-based case-control study in Asia-Pacific. 2015 , 64, 1063-71	234
1315	Obesity, inflammation, and the gut microbiota. 2015 , 3, 207-15	405
1314	Modelling the emergent dynamics and major metabolites of the human colonic microbiota. 2015 , 17, 1615-30	86
1313	Phylogenetics and the human microbiome. 2015 , 64, e26-41	24
1312	Breast milk, microbiota, and intestinal immune homeostasis. 2015 , 77, 220-8	170
1311	Probiotic fermented foods and health promotion. 2015 , 3-22	6
1310	Diet and host-microbial crosstalk in postnatal intestinal immune homeostasis. 2015 , 12, 14-25	61
1309	Molecular ecological tools to decipher the role of our microbial mass in obesity. 2015 , 6, 61-81	20
1308	Effect of Young Barley Leaf Extract Powder on the Fecal Gut Microbiota and Cecal Short-Chain Fatty Acids in Rats. 2016 , 63, 510-515	
1307	[Physiological patterns of intestinal microbiota. The role of dysbacteriosis in obesity, insulin resistance, diabetes and metabolic syndrome]. 2016 , 157, 13-22	22
1306	Sociomicrobiology and Pathogenic Bacteria. 2016 , 87-101	
1305	8. Mikrobiom und Lebererkrankungen. 2016 ,	2
1304	6. Die physiologische Standortflora. 2016 ,	
1303	11. Chronisch entzündliche Darmerkrankungen und gastrointestinale Mikrobiota. 2016 ,	

1302	Imbalance of Fecal Microbiota at Newly Diagnosed Type 1 Diabetes in Chinese Children. 2016 , 129, 1298-304	49
1301	Development and Application of a Plant-Based Diet Scoring System for Japanese Patients with Inflammatory Bowel Disease. 2016 , 20, 16-019	13
1300	Stress-Related Weight Gain: Mechanisms Involving Feeding Behavior, Metabolism, Gut Microbiota and Inflammation. 2016 , 06,	1
1299	Factoring the intestinal microbiome into the pathogenesis of autoimmune hepatitis. 2016 , 22, 9257-9278	41
1298	Diet-Gene Interactions in the Development of Diabetes. 2016 , 41-50	1
1297	Racial disparity in colorectal cancer: Gut microbiome and cancer stem cells. 2016 , 8, 279-87	4
1296	Environmental risk factors for inflammatory bowel diseases: Evidence based literature review. 2016 , 22, 6296-317	89
1295	An Exposome Perspective on Environmental Enteric Dysfunction. 2016 , 124, 1121-6	14
1294	Altering the Gut Microbiome for Cognitive Benefit?. 2016 , 319-337	1
1293	Microbiome, Prebiotics, and Human Health. 2016 , 335-335	1
1292	Gut Microbiota in Multiple Sclerosis: A Bioreactor Driving Brain Autoimmunity. 2016 , 113-125	4
1291	[Gut microbiota, the key for a better diet?]. 2016 , 32, 999-1002	1
1290	Prebiotics and Probiotics in Aging Population. 2016 , 693-705	
1289	Advances in nutritional therapy in inflammatory bowel diseases: Review. 2016 , 22, 1045-66	62
1288	The gut microbiota: a key regulator of metabolic diseases. 2016 , 49, 536-541	32
1287	Influence of Dietary Factors on Gut Microbiota: The Role on Insulin Resistance and Diabetes Mellitus. 2016 , 147-154	
1286	Microbiota-driven transcriptional changes in prefrontal cortex override genetic differences in social behavior. 2016 , 5,	165
1285	Effects of a Multispecies Probiotic Mixture on Glycemic Control and Inflammatory Status in Women with Gestational Diabetes: A Randomized Controlled Clinical Trial. 2016 , 2016, 5190846	75

1284	Health benefits of fibre, prebiotics and probiotics: a review of intestinal health and related health claims. 2016 , 8, 539-554	17
1283	The Microbiome in Aging: Impact on Health and Wellbeing. 2016 , 185-222	0
1282	Gut Microbiota and Metabolism. 2016 , 391-401	3
1281	Probiotics as Curators of a Healthy Gut Microbiota. 2016 , 61-88	2
1280	Microbial Community Structure of Activated Sludge in Treatment Plants with Different Wastewater Compositions. 2016 , 7, 90	113
1279	Social Environment Has a Primary Influence on the Microbial and Odor Profiles of a Chemically Signaling Songbird. 2016 , 4,	24
1278	Genomic Analysis of the Human Gut Microbiome Suggests Novel Enzymes Involved in Quinone Biosynthesis. 2016 , 7, 128	35
1277	Intestinal Short Chain Fatty Acids and their Link with Diet and Human Health. 2016 , 7, 185	934
1276	Comparison of Microbial Communities Isolated from Feces of Asymptomatic Salmonella-Shedding and Non-Salmonella Shedding Dairy Cows. 2016 , 7, 691	5
1275	Impact of Different Fecal Processing Methods on Assessments of Bacterial Diversity in the Human Intestine. 2016 , 7, 1643	29
1274	Alcoholic Liver Disease: Update on the Role of Dietary Fat. 2016 , 6, 1	74
1273	Effect of Dietary Bioactive Compounds on Mitochondrial and Metabolic Flexibility. 2016 , 4,	31
1272	Evolutionary Game between Commensal and Pathogenic Microbes in Intestinal Microbiota. 2016 , 7, 26	7
1271	Diet, Microbiota, Obesity, and NAFLD: A Dangerous Quartet. 2016 , 17, 481	70
1270	Modulating Composition and Metabolic Activity of the Gut Microbiota in IBD Patients. 2016 , 17,	43
1269	A Healthy Dietary Pattern Reduces Lung Cancer Risk: A Systematic Review and Meta-Analysis. 2016 , 8, 134	31
1268	Impact of a High-Fat or High-Fiber Diet on Intestinal Microbiota and Metabolic Markers in a Pig Model. 2016 , 8,	50
1267	Paradoxical Effects of Fruit on Obesity. 2016 , 8,	45

1266	Dietary Gluten-Induced Gut Dysbiosis Is Accompanied by Selective Upregulation of microRNAs with Intestinal Tight Junction and Bacteria-Binding Motifs in Rhesus Macaque Model of Celiac Disease. 2016 , 8,	37
1265	[Impact of newly developed metagenomic tools on our knowledge of the gut microbiota and its role in human health: diagnostic and therapeutic issues]. 2016 , 32, 944-951	1
1264	Analysis of Gut Microbiota in Coronary Artery Disease Patients: a Possible Link between Gut Microbiota and Coronary Artery Disease. 2016 , 23, 908-21	141
1263	An adaptive association test for microbiome data. 2016 , 8, 56	43
1262	Gut Microbiota and Coronary Artery Disease. 2016 , 57, 663-671	37
1261	On the Origins and Control of Community Types in the Human Microbiome. 2016 , 12, e1004688	40
1260	Lower Neighborhood Socioeconomic Status Associated with Reduced Diversity of the Colonic Microbiota in Healthy Adults. 2016 , 11, e0148952	73
1259	Mothers Secretor Status Affects Development of Childrens Microbiota Composition and Function: A Pilot Study. 2016 , 11, e0161211	47
1258	Host-Microbiome Interaction and Cancer: Potential Application in Precision Medicine. 2016 , 7, 606	24
1257	Individual-specific changes in the human gut microbiota after challenge with enterotoxigenic <i>Escherichia coli</i> and subsequent ciprofloxacin treatment. 2016 , 17, 440	38
1256	. 2016 ,	8
1255	Microbiota-Produced Succinate Improves Glucose Homeostasis via Intestinal Gluconeogenesis. 2016 , 24, 151-7	321
1254	Treatment of the Pregnant Patient with Inflammatory Bowel Disease. 2016 , 22, 733-44	9
1253	Microbiome evolution along divergent branches of the vertebrate tree of life: what is known and unknown. 2016 , 25, 3776-800	178
1252	British Dietetic Association systematic review of systematic reviews and evidence-based practice guidelines for the use of probiotics in the management of irritable bowel syndrome in adults (2016 update). 2016 , 29, 576-92	40
1251	Polysaccharide Degradation by the Intestinal Microbiota and Its Influence on Human Health and Disease. 2016 , 428, 3230-3252	251
1250	Dysbiosis Contributes to Arthritis Development via Activation of Autoreactive T Cells in the Intestine. 2016 , 68, 2646-2661	303
1249	The human gut microbiota and its interactive connections to diet. 2016 , 29, 539-46	40

1248	Obesity and overweight: Impact on maternal and milk microbiome and their role for infant health and nutrition. 2016 , 60, 1865-75	39
1247	Development, diet and dynamism: longitudinal and cross-sectional predictors of gut microbial communities in wild baboons. 2016 , 18, 1312-25	41
1246	Spatial disturbances in altered mucosal and luminal gut viromes of diet-induced obese mice. 2016 , 18, 1498-510	45
1245	Effect of antibiotics on gut microbiota, glucose metabolism and body weight regulation: a review of the literature. 2016 , 18, 444-53	48
1244	Sniffing Out Paediatric Gastrointestinal Diseases: The Potential of Volatile Organic Compounds as Biomarkers for Disease. 2016 , 63, 585-591	14
1243	The human gut microbiome in health: establishment and resilience of microbiota over a lifetime. 2016 , 18, 2103-16	117
1242	The human gut microbiome and its dysfunctions through the meta-omics prism. 2016 , 1372, 9-19	30
1241	Association of Systemic Sclerosis With a Unique Colonic Microbial Consortium. 2016 , 68, 1483-92	60
1240	Effects of pectin supplementation on the fermentation patterns of different structural carbohydrates in rats. 2016 , 60, 2256-2266	85
1239	Diet-microbiota interactions as moderators of human metabolism. 2016 , 535, 56-64	1086
1238	Microbial translocation and microbiome dysbiosis in HIV-associated immune activation. 2016 , 11, 182-90	132
1237	Overweight and the feline gut microbiome - a pilot study. 2016 , 100, 478-84	16
1236	Gut microbes in correlation with mood: case study in a closed experimental human life support system. 2016 , 28, 1233-40	54
1235	Gut microbiome in chronic kidney disease. 2016 , 101, 471-7	52
1234	Gut microbiota and type 2 diabetes mellitus. 2016 , 63, 560-568	28
1233	Beneficial Effects of a Dietary Weight Loss Intervention on Human Gut Microbiome Diversity and Metabolism Are Not Sustained during Weight Maintenance. 2016 , 9, 379-391	36
1232	Comprehensive analysis of the fecal microbiota of healthy Japanese adults reveals a new bacterial lineage associated with a phenotype characterized by a high frequency of bowel movements and a lean body type. 2016 , 16, 284	57
1231	Does the Intestinal Microbiota Explain Differences in the Epidemiology of Liver Disease between East and West?. 2016 , 1, 3-8	3

1230	Functional analysis for gut microbes of the brown tree frog (<i>Polypedates megacephalus</i>) in artificial hibernation. 2016 , 17, 1024	36
1229	Sociomicrobiology and Pathogenic Bacteria. 2016 , 4,	16
1228	From an imbalance to a new imbalance: Italian-style gluten-free diet alters the salivary microbiota and metabolome of African celiac children. 2015 , 5, 18571	22
1227	Preclinical disease and preventive strategies in IBD: perspectives, challenges and opportunities. 2016 , 65, 1061-9	42
1226	The Gut Microbiome. 2016 , 799-808	1
1225	Larval diet affects mosquito development and permissiveness to <i>Plasmodium</i> infection. 2016 , 6, 38230	36
1224	Dietary and Lifestyle Factors Associated with Colorectal Cancer Risk and Interactions with Microbiota: Fiber, Red or Processed Meat and Alcoholic Drinks. 2016 , 3, 17-24	62
1223	A general framework for association analysis of microbial communities on a taxonomic tree. 2017 , 33, 1278-1285	17
1222	Fine Classification of Human Gut Microbiota by Using Hierarchical Clustering Approach. 2016 ,	
1221	The Microbiome and Diabetes. 2016 , 229-240	
1220	Shotgun Metagenomics of 250 Adult Twins Reveals Genetic and Environmental Impacts on the Gut Microbiome. 2016 , 3, 572-584.e3	172
1219	Amphibian gut microbiota shifts differentially in community structure but converges on habitat-specific predicted functions. 2016 , 7, 13699	79
1218	Bio-banking gut microbiome samples. 2016 , 17, 929-30	9
1217	A Sense of Community. 2016 , 19-38	
1216	Colonic luminal microbiota and bacterial metabolite composition in pregnant Huanjiang mini-pigs: effects of food composition at different times of pregnancy. 2016 , 6, 37224	48
1215	The more the merrier? Scoring, statistics and animal welfare in experimental autoimmune encephalomyelitis. 2016 , 50, 427-432	8
1214	Gut microbiota, 1013 new pieces in the Parkinson's disease puzzle. 2016 , 29, 773-780	42
1213	Human microbiome as therapeutic intervention target to reduce cardiovascular disease risk. 2016 , 27, 615-622	25

1212	The Gut Microbiome and Its Role in Obesity. 2016 , 51, 167-174	148
1211	Topological distortion and reorganized modular structure of gut microbial co-occurrence networks in inflammatory bowel disease. 2016 , 6, 26087	44
1210	Inflammatory Bowel Disease: Influence and Implications in Reproduction. 2016 , 22, 2724-2732	7
1209	Assembling Communities. 2016 , 39-61	
1208	Gene expression profiling gut microbiota in different races of humans. 2016 , 6, 23075	55
1207	Biome engineering-2020. 2016 , 9, 553-63	25
1206	Host genetics is associated with the gut microbial community membership rather than the structure. 2016 , 12, 1676-86	8
1205	Correlation between diet and gut bacteria in a population of young adults. 2016 , 67, 470-8	26
1204	Spatial dynamics of the bacterial community structure in the gastrointestinal tract of red kangaroo (<i>Macropus rufus</i>). 2016 , 32, 98	4
1203	The rise of food allergy: Environmental factors and emerging treatments. 2016 , 7, 27-34	41
1202	Impact of gut microbiota on diabetes mellitus. 2016 , 42, 303-315	114
1201	The Gut Microbiota and Obesity in Humans. 2016 , 27-47	
1200	Intestinal barrier dysfunction: implications for chronic inflammatory conditions of the bowel. 2016 , 29, 40-59	39
1199	Microbiote intestinal et rhumatismes inflammatoires. 2016 , 83, 233-237	
1198	The crosstalk between gut microbiota and obesity and related metabolic disorders. 2016 , 11, 825-36	19
1197	Molecular and cellular mechanisms of food allergy and food tolerance. 2016 , 137, 984-997	161
1196	The importance of the microbiome in epidemiologic research. 2016 , 26, 301-5	27
1195	Different subtype strains of <i>Akkermansia muciniphila</i> abundantly colonize in southern China. 2016 , 120, 452-9	29

1194	Elucidating the richness of bacterial groups in the gut of Nicobarese tribal community - Perspective on their lifestyle transition. 2016 , 39, 68-76	7
1193	The Microbiome in Obesity, Diabetes, and NAFLD: What is Your Gut Telling Us?. 2016 , 15, 96-102	4
1192	Brain injury induces specific changes in the caecal microbiota of mice via altered autonomic activity and mucoprotein production. 2016 , 57, 10-20	171
1191	Reshaping the gut microbiota: Impact of low calorie sweeteners and the link to insulin resistance?. 2016 , 164, 488-493	70
1190	The Genetics of Type 2 Diabetes and Related Traits. 2016 ,	3
1189	Oats-From Farm to Fork. 2016 , 77, 1-55	29
1188	Meat: The balance between nutrition and health. A review. 2016 , 120, 145-156	140
1187	Mediterranean diet and faecal microbiota: a transversal study. 2016 , 7, 2347-56	92
1186	The intestinal microbiome, barrier function, and immune system in inflammatory bowel disease: a tripartite pathophysiological circuit with implications for new therapeutic directions. 2016 , 9, 606-25	104
1185	Altered gastrointestinal microbiota in irritable bowel syndrome and its modification by diet: probiotics, prebiotics and the low FODMAP diet. 2016 , 75, 306-18	58
1184	Evidence for a distinct gut microbiome in kidney stone formers compared to non-stone formers. 2016 , 44, 399-407	81
1183	Population-based metagenomics analysis reveals markers for gut microbiome composition and diversity. <i>Science</i> , 2016 , 352, 565-9	33-3 929
1182	Molecular exploration of fecal microbiome in quinoa-supplemented obese mice. 2016 , 92,	19
1181	Dietary Protein, Metabolism, and Aging. 2016 , 85, 5-34	83
1180	Early-life enteric infections: relation between chronic systemic inflammation and poor cognition in children. 2016 , 74, 374-86	49
1179	A Critique of the Moral Defense of Vegetarianism. 2016 ,	16
1178	Adipositas, Typ-2-Diabetes und das Mikrobiom, unser zweites Genom. 2016 , 11, 102-112	1
1177	The Gut Microbiota in Type 2 Diabetes. 2016 , 275-293	

1176	Fine-tuning of the mucosal barrier and metabolic systems using the diet-microbial metabolite axis. 2016 , 37, 79-86		11
1175	Kinetically controlled E-selective catalytic olefin metathesis. <i>Science</i> , 2016 , 352, 569-75	33.3	84
1174	Use of Shotgun Metagenome Sequencing To Detect Fecal Colonization with Multidrug-Resistant Bacteria in Children. 2016 , 54, 1804-1813		22
1173	Novel perspectives on therapeutic modulation of the gut microbiota. 2016 , 9, 580-93		56
1172	Towards a functional hypothesis relating anti-islet cell autoimmunity to the dietary impact on microbial communities and butyrate production. 2016 , 4, 17		67
1171	Human Nutrition from the Gastroenterologist's Perspective. 2016 ,		
1170	The Human Gut Microbiota. 2016 , 902, 95-108		50
1169	Human microbiome versus food-borne pathogens: friend or foe. 2016 , 100, 4845-63		15
1168	Recent progress in genetics, epigenetics and metagenomics unveils the pathophysiology of human obesity. 2016 , 130, 943-86		202
1167	Food: a new form of personalised (gut microbiome) medicine for chronic diseases?. 2016 , 109, 331-6		14
1166	Microbiota-myeloid cell crosstalk beyond the gut. 2016 , 100, 865-879		45
1165	Alterations of Enteric Microbiota in Patients with a Normal Ileal Pouch Are Predictive of Pouchitis. 2017 , 11, 314-320		18
1164	Gut microbiota and type 2 diabetes mellitus. 2016 , 63, 560-568		70
1163	Susceptibilit�au diab�e de type 1 et microbiote intestinal. 2016 , 10, 67-68		
1162	Healthy Subjects Differentially Respond to Dietary Capsaicin Correlating with Specific Gut Enterotypes. 2016 , 101, 4681-4689		69
1161	Neonatal Androgen Exposure Causes Persistent Gut Microbiota Dysbiosis Related to Metabolic Disease in Adult Female Rats. 2016 , 157, 4888-4898		47
1160	Big Data Analytics. 2016 ,		6
1159	Altered gut microbiota in female mice with persistent low body weights following removal of post-weaning chronic dietary restriction. 2016 , 8, 103		14

1158	A clinical update on the significance of the gut microbiota in systemic autoimmunity. 2016 , 74, 85-93	76
1157	Does the buck stop with the bugs?: an overview of microbial dysbiosis in rheumatoid arthritis. 2016 , 19, 8-20	32
1156	Inflammatory bowel disease and the gut microbiota. 2016 , 301-315	
1155	Diet and dysbiosis. 2016 , 443-465	
1154	The gut microbiota. 2016 , 55-66	0
1153	An overview of major metagenomic studies on human microbiomes in health and disease. 2016 , 4, 192-206	8
1152	Non-alcoholic fatty liver and the gut microbiota. 2016 , 5, 782-94	140
1151	Whey protein stories - An experiment in writing a multidisciplinary biography. 2016 , 107, 285-294	6
1150	How stable is the human gut microbiota? And why this question matters. 2016 , 18, 2779-83	15
1149	The Microbiome and Musculoskeletal Conditions of Aging: A Review of Evidence for Impact and Potential Therapeutics. 2016 , 31, 261-9	62
1148	Review article: the antimicrobial effects of rifaximin on the gut microbiota. 2016 , 43 Suppl 1, 3-10	49
1147	Review article: insights into colonic protein fermentation, its modulation and potential health implications. 2016 , 43, 181-96	202
1146	The gut microbiota and metabolic disease: current understanding and future perspectives. 2016 , 280, 339-49	150
1145	Incorporating the gut microbiota into models of human and non-human primate ecology and evolution. 2016 , 159, S196-215	77
1144	Small Sample Kernel Association Tests for Human Genetic and Microbiome Association Studies. 2016 , 40, 5-19	30
1143	Experimental design considerations in microbiota/inflammation studies. 2016 , 5, e92	32
1142	Consumption of a Bifidobacterium bifidum Strain for 4 Weeks Modulates Dominant Intestinal Bacterial Taxa and Fecal Butyrate in Healthy Adults. 2016 , 82, 5850-9	38
1141	Captivity humanizes the primate microbiome. 2016 , 113, 10376-81	251

1140	Interplay between gut microbiota, its metabolites and human metabolism: Dissecting cause from consequence. 2016 , 57, 233-243	18
1139	Gut Microbiota: Modulation of Host Physiology in Obesity. 2016 , 31, 327-35	34
1138	The gut microbiota: A treasure for human health. 2016 , 34, 1210-1224	108
1137	Supplementing Blends of Sugars, Amino Acids, and Secondary Metabolites to the Diet of Termites (<i>Reticulitermes flavipes</i>) Drive Distinct Gut Bacterial Communities. 2016 , 72, 497-502	3
1136	Diet and Gut Microbial Function in Metabolic and Cardiovascular Disease Risk. 2016 , 16, 93	23
1135	Role of microbiota function during early life on child's neurodevelopment. 2016 , 57, 273-288	13
1134	Looking for a Signal in the Noise: Revisiting Obesity and the Microbiome. 2016 , 7,	316
1133	Alzheimer's disease and gut microbiota. 2016 , 59, 1006-1023	172
1132	Mineral micronutrient and prebiotic carbohydrate profiles of USA-grown kale (<i>Brassica oleracea</i> L. var. <i>acephala</i>). 2016 , 52, 9-15	35
1131	The Role of the Intestinal Microbiome in Type 1 Diabetes Pathogenesis. 2016 , 16, 89	38
1130	Temporal Variabilities in Genetic Patterns and Antibiotic Resistance Profiles of Enterococci Isolated from Human Feces. 2016 , 31, 182-5	1
1129	Gut microbiome and dietary patterns in different Saudi populations and monkeys. 2016 , 6, 32191	39
1128	Marked variation between winter and spring gut microbiota in free-ranging Tibetan Macaques (<i>Macaca thibetana</i>). 2016 , 6, 26035	89
1127	Regression analysis for microbiome compositional data. 2016 , 10,	55
1126	Effect of lactulose-derived oligosaccharides on intestinal microbiota during the shift between media with different energy contents. 2016 , 89, 302-308	10
1125	Individualized Responses of Gut Microbiota to Dietary Intervention Modeled in Humanized Mice. 2016 , 1,	31
1124	Intestinales Mikrobiom. 2016 , 41, 207-217	1
1123	Micronutrient Adequacy and Dietary Diversity Exert Positive and Distinct Effects on Linear Growth in Urban Zambian Infants. 2016 , 146, 2093-2101	17

1122	Cardiorespiratory fitness as a predictor of intestinal microbial diversity and distinct metagenomic functions. 2016 , 4, 42	189
1121	Enteral Nutrition in the Treatment of Inflammatory Bowel Disease. 2016 , 105-115	
1120	Intestinal microbiota in pediatric patients with end stage renal disease: a Midwest Pediatric Nephrology Consortium study. 2016 , 4, 50	43
1119	Microbiome-Epigenome Interactions and the Environmental Origins of Inflammatory Bowel Diseases. 2016 , 62, 208-19	34
1118	Gut microbiome analysis in neuromyelitis optica reveals overabundance of Clostridium perfringens. 2016 , 80, 443-7	95
1117	Modifying Our Microbial Environment. 2016 , 373-395	
1116	Microbiome Data Mining for Microbial Interactions and Relationships. 2016 , 221-235	
1115	Species-function relationships shape ecological properties of the human gut microbiome. 2016 , 1, 16088	145
1114	Microbiome and nutrition in autism spectrum disorder: current knowledge and research needs. 2016 , 74, 723-736	68
1113	Prolonged transfer of feces from the lean mice modulates gut microbiota in obese mice. 2016 , 13, 57	37
1112	Long-Term Implications of Antibiotic Use on Gut Health and Microbiota in Populations Including Patients With Cystic Fibrosis. 2016 , 223-259	1
1111	Microbiome. 2016 , 14-18	
1110	Gut microbiota and glucometabolic alterations in response to recurrent partial sleep deprivation in normal-weight young individuals. 2016 , 5, 1175-1186	119
1109	Identification of Altered Metabolomic Profiles Following a Panchakarma-based Ayurvedic Intervention in Healthy Subjects: The Self-Directed Biological Transformation Initiative (SBTI). 2016 , 6, 32609	20
1108	The Microbiome-Gut-Brain Axis and the Consequences of Infection and Dysbiosis. 2016 , 3, 33-40	2
1107	Dairy and plant based food intakes are associated with altered faecal microbiota in 2 to 3 year old Australian children. 2016 , 6, 32385	41
1106	Gut microbiome alterations in patients with stage 4 hepatitis C. 2016 , 8, 42	76
1105	Parental Obesity: Intergenerational Programming and Consequences. 2016 ,	2

1104	Birth mode-dependent association between pre-pregnancy maternal weight status and the neonatal intestinal microbiome. 2016 , 6, 23133	87
1103	Sex differences in colonization of gut microbiota from a man with short-term vegetarian and inulin-supplemented diet in germ-free mice. 2016 , 6, 36137	26
1102	Alterations of the human gut microbiome in multiple sclerosis. 2016 , 7, 12015	632
1101	High fat diet drives obesity regardless the composition of gut microbiota in mice. 2016 , 6, 32484	72
1100	Alterations in the Fecal Microbiota of Patients with HIV-1 Infection: An Observational Study in A Chinese Population. 2016 , 6, 30673	97
1099	Tiny microbes, enormous impacts: what matters in gut microbiome studies?. 2016 , 17, 217	86
1098	The effect of helminth infection on the microbial composition and structure of the caprine abomasal microbiome. 2016 , 6, 20606	74
1097	Unique Features of Ethnic Mongolian Gut Microbiome revealed by metagenomic analysis. 2016 , 6, 34826	47
1096	Association of nasopharyngeal microbiota profiles with bronchiolitis severity in infants hospitalised for bronchiolitis. 2016 , 48, 1329-1339	99
1095	Soy and Gut Microbiota: Interaction and Implication for Human Health. 2016 , 64, 8695-8709	70
1094	[Alteration of intestinal permeability: the missing link between gut microbiota modifications and inflammation in obesity?]. 2016 , 32, 461-9	8
1093	Human gut microbiota and healthy aging: Recent developments and future prospective. 2016 , 4, 3-16	97
1092	Nutritionists' Health Study cohort: a web-based approach of life events, habits and health outcomes. 2016 , 6, e012081	8
1091	Comparison of placenta samples with contamination controls does not provide evidence for a distinct placenta microbiota. 2016 , 4, 29	326
1090	Effect of postnatal low-dose exposure to environmental chemicals on the gut microbiome in a rodent model. 2016 , 4, 26	86
1089	The human gut microbiome of Latin America populations: a landscape to be discovered. 2016 , 29, 528-37	13
1088	Ecological networking of cystic fibrosis lung infections. 2016 , 2, 4	52
1087	Darm-Nieren-Achse. 2016 , 11, 275-281	1

1086	Hepatic transcriptome implications for palm fruit juice deterrence of type 2 diabetes mellitus in young male Nile rats. 2016 , 11, 29	13
1085	Unusual sub-genus associations of faecal Prevotella and Bacteroides with specific dietary patterns. 2016 , 4, 57	76
1084	Intestinal phospholipid and lysophospholipid metabolism in cardiometabolic disease. 2016 , 27, 507-12	34
1083	The Microbiome of the Built Environment and Human Behavior: Implications for Emotional Health and Well-Being in Postmodern Western Societies. 2016 , 131, 289-323	40
1082	The Importance of Diet and Gut Health to the Treatment and Prevention of Mental Disorders. 2016 , 131, 325-346	24
1081	Effect of probiotic yoghurt on animal-based diet-induced change in gut microbiota: an open, randomised, parallel-group study. 2016 , 7, 473-84	21
1080	Host age, social group, and habitat type influence the gut microbiota of wild ring-tailed lemurs (Lemur catta). 2016 , 78, 883-92	65
1079	The severity of nonalcoholic fatty liver disease is associated with gut dysbiosis and shift in the metabolic function of the gut microbiota. 2016 , 63, 764-75	655
1078	Universality of human microbial dynamics. 2016 , 534, 259-62	145
1077	Global investigation of composition and interaction networks in gut microbiomes of individuals belonging to diverse geographies and age-groups. 2016 , 8, 17	18
1076	The microbial-mammalian metabolic axis: a critical symbiotic relationship. 2016 , 19, 250-256	12
1075	Resistance Mechanisms to Immune-Checkpoint Blockade in Cancer: Tumor-Intrinsic and -Extrinsic Factors. 2016 , 44, 1255-69	554
1074	How gut microbes talk to organs: The role of endocrine and nervous routes. 2016 , 5, 743-52	159
1073	Gut Microbiota Dysbiosis as Risk and Premorbid Factors of IBD and IBS Along the Childhood-Adulthood Transition. 2016 , 22, 487-504	69
1072	Rhizoma Coptidis alkaloids alleviate hyperlipidemia in B6 mice by modulating gut microbiota and bile acid pathways. 2016 , 1862, 1696-709	70
1071	Vegetarian diets and gut microbiota: important shifts in markers of metabolism and cardiovascular disease. 2016 , 74, 444-54	19
1070	Gut microbiota and inflammatory joint diseases. 2016 , 83, 645-649	33
1069	Glutamyl valine supplementation-induced mitigation of gut inflammation in a porcine model of colitis. 2016 , 24, 558-567	11

1068	Deep-fried oil consumption in rats impairs glycerolipid metabolism, gut histology and microbiota structure. 2016 , 15, 86	26
1067	Interpreting Prevotella and Bacteroides as biomarkers of diet and lifestyle. 2016 , 4, 15	210
1066	Intestinal Crosstalk between Bile Acids and Microbiota and Its Impact on Host Metabolism. 2016 , 24, 41-50	1022
1065	How the microbiota shapes rheumatic diseases. 2016 , 12, 398-411	88
1064	A Summary of the First HIV Microbiome Workshop 2015. 2016 , 32, 935-941	8
1063	Responses of fecal bacterial communities to resistant starch intervention in diabetic rats. 2016 , 68, 1008-1015	6
1062	Sex differences and hormonal effects on gut microbiota composition in mice. 2016 , 7, 313-322	329
1061	Expanding role of gut microbiota in lipid metabolism. 2016 , 27, 141-7	81
1060	Comparative metabolomics in vegans and omnivores reveal constraints on diet-dependent gut microbiota metabolite production. 2016 , 65, 63-72	307
1059	Assembly of the Caenorhabditis elegans gut microbiota from diverse soil microbial environments. 2016 , 10, 1998-2009	182
1058	Is the way we're dieting wrong?. 2016 , 8, 7	2
1057	Impact of increasing fruit and vegetables and flavonoid intake on the human gut microbiota. 2016 , 7, 1788-96	76
1056	Can We Prevent Obesity-Related Metabolic Diseases by Dietary Modulation of the Gut Microbiota?. 2016 , 7, 90-101	76
1055	A glance at dietary emulsifiers, the human intestinal mucus and microbiome, and dietary fiber. 2016 , 32, 609-14	16
1054	Endocannabinoids--at the crossroads between the gut microbiota and host metabolism. 2016 , 12, 133-43	191
1053	Gut microbiota and diet in patients with different glucose tolerance. 2016 , 5, 1-9	96
1052	The role of gut microbiota in fetal methylmercury exposure: Insights from a pilot study. 2016 , 242, 60-67	45
1051	[The potential role of microbiota in major psychiatric disorders: Mechanisms, preclinical data, gastro-intestinal comorbidities and therapeutic options]. 2016 , 45, 7-19	6

1050	Two Healthy Diets Modulate Gut Microbial Community Improving Insulin Sensitivity in a Human Obese Population. 2016 , 101, 233-42	159
1049	Characterization of a microbial consortium that converts mariculture fish waste to biomethane. 2016 , 453, 154-162	16
1048	A healthy gastrointestinal microbiome is dependent on dietary diversity. 2016 , 5, 317-320	155
1047	Microbiota and lifestyle interactions through the lifespan. 2016 , 57, 265-272	16
1046	Challenges of metabolomics in human gut microbiota research. 2016 , 306, 266-279	91
1045	Perinatal nutrition: How to take care of the gut microbiota?. 2016 , 6, 3-16	12
1044	Analysis of factors contributing to variation in the C57BL/6J fecal microbiota across German animal facilities. 2016 , 306, 343-355	97
1043	Intestinal Microbiota: First Barrier Against Gut-Affecting Pathogens. 2016 , 281-314	5
1042	Characterisation and therapeutic manipulation of the gut microbiome in inflammatory bowel disease. 2016 , 46, 266-73	18
1041	Effects of <i>L. paracasei</i> subsp. <i>paracasei</i> X12 on cell cycle of colon cancer HT-29 cells and regulation of mTOR signalling pathway. 2016 , 21, 431-439	17
1040	Metabolic effects of dietary carbohydrates: The importance of food digestion. 2016 , 88, 336-341	20
1039	Diet-induced obesity, energy metabolism and gut microbiota in C57BL/6J mice fed Western diets based on lean seafood or lean meat mixtures. 2016 , 31, 127-36	25
1038	Infant Gut Microbiota Development Is Driven by Transition to Family Foods Independent of Maternal Obesity. 2016 , 1,	118
1037	Food for thought: The role of nutrition in the microbiota-gut-brain axis. 2016 , 6, 25-38	109
1036	Pathogenesis of nonalcoholic steatohepatitis. 2016 , 73, 1969-87	111
1035	Intestinal microbiome disruption in patients in a long-term acute care hospital: A case for development of microbiome disruption indices to improve infection prevention. 2016 , 44, 830-6	33
1034	Prebiotics: Definition and protective mechanisms. 2016 , 30, 27-37	88
1033	Diet, microbiota, and dysbiosis: a 'recipe' for colorectal cancer. 2016 , 7, 1731-40	77

1032	Wine Safety, Consumer Preference, and Human Health. 2016,	3
1031	Physiological Role of Gut Microbiota for Maintaining Human Health. 2016, 93, 176-81	61
1030	Interactions Between Wine Polyphenols and Gut Microbiota. 2016, 259-278	3
1029	Microbial perturbations and modulation in conditions associated with malnutrition and malabsorption. 2016, 30, 161-72	20
1028	Taking it Personally: Personalized Utilization of the Human Microbiome in Health and Disease. 2016, 19, 12-20	146
1027	Gut Microbiota Linked to Sexual Preference and HIV Infection. 2016, 5, 135-46	230
1026	The Intestinal Immune System in Obesity and Insulin Resistance. 2016, 23, 413-26	249
1025	The bladder is not sterile: History and current discoveries on the urinary microbiome. 2016, 11, 18-24	87
1024	The Gut Microbiota Modulates Energy Metabolism in the Hibernating Brown Bear <i>Ursus arctos</i> . 2016, 14, 1655-1661	169
1023	Gut microbiota in 2015: <i>Prevotella</i> in the gut: choose carefully. 2016, 13, 69-70	225
1022	Sex differences in the gut microbiome-brain axis across the lifespan. 2016, 371, 20150122	141
1021	Gut Microbiome, Obesity, and Metabolic Syndrome. 2016, 447-459	2
1020	Gut microbiome as a novel cardiovascular therapeutic target. 2016, 27, 8-12	41
1019	Probiotics in prevention and treatment of obesity: a critical view. 2016, 13, 14	171
1018	Exploring the Microbiome in Heart Failure. 2016, 13, 103-9	48
1017	The microbiome of the oral mucosa in irritable bowel syndrome. 2016, 7, 286-301	23
1016	Nutritional Management of Inflammatory Bowel Diseases. 2016,	2
1015	Diet and Microbiome in Inflammatory Bowel Diseases. 2016, 3-16	0

1014	Elimination Diets for Inflammatory Bowel Disease. 2016 , 117-129	
1013	Diet, nutrition, and cancer: past, present and future. 2016 , 13, 504-15	133
1012	Characterization of the gut microbiome in epidemiologic studies: the multiethnic cohort experience. 2016 , 26, 373-9	32
1011	The gut microbiome of healthy Japanese and its microbial and functional uniqueness. 2016 , 23, 125-33	226
1010	Association between the gut microbiota and diet: Fetal life, early childhood, and further life. 2016 , 32, 620-7	88
1009	Atlantic salmon (<i>Salmo salar</i>) protein hydrolysate in diets for weaning piglets - effect on growth performance, intestinal morphometry and microbiota composition. 2016 , 70, 44-56	8
1008	Human Breast Milk and Infant Formulas Differentially Modify the Intestinal Microbiota in Human Infants and Host Physiology in Rats. 2016 , 146, 191-9	32
1007	Losing weight for a better health: Role for the gut microbiota. 2016 , 6, 39-58	21
1006	The role of the intestinal microbiota in type 1 diabetes mellitus. 2016 , 12, 154-67	232
1005	Effects of the dietary protein level on the microbial composition and metabolomic profile in the hindgut of the pig. 2016 , 38, 61-69	71
1004	MECHANISMS IN ENDOCRINOLOGY: Metabolic and inflammatory pathways on the pathogenesis of type 2 diabetes. 2016 , 174, R175-87	38
1003	Ulcerative Colitis. 2016 , 341-368	
1002	The Gut Microbiome and Cirrhosis: Basic Aspects. 2016 , 139-168	1
1001	Gut microbiome in health and disease: Linking the microbiome-gut-brain axis and environmental factors in the pathogenesis of systemic and neurodegenerative diseases. 2016 , 158, 52-62	265
1000	The gut microbiome, diet, and links to cardiometabolic and chronic disorders. 2016 , 12, 169-81	191
999	The impact of long-term dietary pattern of fecal donor on in vitro fecal fermentation properties of inulin. 2016 , 7, 1805-13	12
998	Portal Hypertension VI. 2016 ,	8
997	Microbiome to Brain: Unravelling the Multidirectional Axes of Communication. 2016 , 874, 301-36	41

996	Prebiotics Use in Children. 2016 , 181-193	1
995	Gut Microbiota. 2016 , 515-523	8
994	The Cholesterol-Lowering Effects of Probiotic Bacteria on Lipid Metabolism. 2016 , 699-722	3
993	Faecalibacterium prausnitzii subspecies-level dysbiosis in the human gut microbiome underlying atopic dermatitis. 2016 , 137, 852-60	183
992	High-level adherence to a Mediterranean diet beneficially impacts the gut microbiota and associated metabolome. 2016 , 65, 1812-1821	711
991	Comparative analysis of the gastrointestinal microbial communities of bar-headed goose (<i>Anser indicus</i>) in different breeding patterns by high-throughput sequencing. 2016 , 182, 59-67	49
990	Diet drives quick changes in the metabolic activity and composition of human gut microbiota in a validated in vitro gut model. 2016 , 167, 114-25	87
989	The initial state of the human gut microbiome determines its reshaping by antibiotics. 2016 , 10, 707-20	172
988	Heterogeneity of the gut microbiome in mice: guidelines for optimizing experimental design. 2016 , 40, 117-32	217
987	The gut microbiota and host health: a new clinical frontier. 2016 , 65, 330-9	1182
986	The gut microbial community in metabolic syndrome patients is modified by diet. 2016 , 27, 27-31	113
985	Talking microbes: When gut bacteria interact with diet and host organs. 2016 , 60, 58-66	100
984	Gut microbiota and obesity. 2016 , 73, 147-62	255
983	Effects of high doses of vitamin D3 on mucosa-associated gut microbiome vary between regions of the human gastrointestinal tract. 2016 , 55, 1479-89	138
982	Indoxyl sulphate and kidney disease: Causes, consequences and interventions. 2016 , 21, 170-7	40
981	Relationship Between Microbiota of the Colonic Mucosa vs Feces and Symptoms, Colonic Transit, and Methane Production in Female Patients With Chronic Constipation. 2016 , 150, 367-79.e1	173
980	Temporal variation selects for diet-microbe co-metabolic traits in the gut of Gorilla spp. 2016 , 10, 514-26	61
979	Stool consistency is strongly associated with gut microbiota richness and composition, enterotypes and bacterial growth rates. 2016 , 65, 57-62	488

978	Dysbiosis of upper respiratory tract microbiota in elderly pneumonia patients. 2016 , 10, 97-108	115
977	Composition and temporal stability of the gut microbiota in older persons. 2016 , 10, 170-82	216
976	Complexity and health functionality of plant cell wall fibers from fruits and vegetables. 2017 , 57, 59-81	121
975	A role for whey-derived lactoferrin and immunoglobulins in the attenuation of obesity-related inflammation and disease. 2017 , 57, 1593-1602	12
974	An analysis of human microbe-disease associations. 2017 , 18, 85-97	94
973	Effects of pectin on fermentation characteristics, carbohydrate utilization, and microbial community composition in the gastrointestinal tract of weaning pigs. 2017 , 61, 1600186	61
972	Microbes, Immunity, and Behavior: Psychoneuroimmunology Meets the Microbiome. 2017 , 42, 178-192	119
971	The gut microbiota and inflammatory bowel diseases. 2017 , 179, 38-48	84
970	Gut microbiome and kidney disease: a bidirectional relationship. 2017 , 32, 921-931	80
969	Characterization of gut microbiota profiles in coronary artery disease patients using data mining analysis of terminal restriction fragment length polymorphism: gut microbiota could be a diagnostic marker of coronary artery disease. 2017 , 32, 39-46	85
968	Reduced Intestinal Motility, Mucosal Barrier Function, and Inflammation in Aged Monkeys. 2017 , 21, 354-361	46
967	Microbiome of HIV-infected people. 2017 , 106, 85-93	25
966	Diet, gut microbes, and the pathogenesis of inflammatory bowel diseases. 2017 , 61, 1600129	67
965	Assessing the Colonic Microbiota in Children: Effects of Sample Site and Bowel Preparation. 2017 , 64, 230-237	5
964	Gut microbiota, diet, and obesity-related disorders-The good, the bad, and the future challenges. 2017 , 61, 1600252	106
963	Regulation of intestinal homeostasis by the ulcerative colitis-associated gene RNF186. 2017 , 10, 446-459	31
962	Maternal exposure to a Western-style diet causes differences in intestinal microbiota composition and gene expression of suckling mouse pups. 2017 , 61, 1600141	26
961	Constructing Predictive Microbial Signatures at Multiple Taxonomic Levels. 2017 , 112, 1022-1031	15

960	Gastrointestinal Organoids: Understanding the Molecular Basis of the Host-Microbe Interface. 2017 , 3, 138-149	51
959	Splenic T cell and intestinal IgA responses after supplementation of soluble arabinoxylan-enriched wheat bran in mice. 2017 , 28, 246-253	9
958	Noncontiguous finished genome sequence and description of sp. nov., a new anaerobic species isolated from human gut infected by. 2017 , 15, 117-127	3
957	Health effects of resistant starch. 2017 , 42, 10-41	150
956	An informative approach on differential abundance analysis for time-course metagenomic sequencing data. 2017 , 33, 1286-1292	9
955	Gut microbiota and colorectal cancer. 2017 , 36, 757-769	106
954	Basic Definitions and Concepts: Organization of the Gut Microbiome. 2017 , 46, 1-8	12
953	Host-Microbiota Interactions Shape Local and Systemic Inflammatory Diseases. 2017 , 198, 564-571	65
952	Low glycemic load diets protect against metabolic syndrome and Type 2 diabetes mellitus in the male Nile rat. 2017 , 42, 134-148	15
951	Lessons on dietary biomarkers from twin studies. 2017 , 76, 303-307	1
950	Personalized microbiome-based approaches to metabolic syndrome management and prevention. 2017 , 9, 226-236	28
949	Gut microbiota interactions with the immunomodulatory role of vitamin D in normal individuals. 2017 , 69, 76-86	78
948	Prophylactic tributyrin treatment mitigates chronic-binge ethanol-induced intestinal barrier and liver injury. 2017 , 32, 1587-1597	70
947	A Dirichlet-tree multinomial regression model for associating dietary nutrients with gut microorganisms. 2017 , 73, 792-801	20
946	Effects of the Dietary Protein and Carbohydrate Ratio on Gut Microbiomes in Dogs of Different Body Conditions. 2017 , 8,	75
945	Microbiome, autoimmunity, allergy, and helminth infection: The importance of the pregnancy period. 2017 , 78, e12654	6
944	Negative binomial mixed models for analyzing microbiome count data. 2017 , 18, 4	72
943	The microbiome and systemic lupus erythematosus. 2017 , 65, 432-437	33

942	Microbiome and Cardiac Health. 2017 , 67-97	
941	Microbiote intestinal : qu'en attendre au plan physiologique et th�apeutique ?. 2017 , 72, 1-19	
940	Meta-analysis of the human gut microbiome from urbanized and pre-agricultural populations. 2017 , 19, 1379-1390	83
939	Diversity and enterotype in gut bacterial community of adults in Taiwan. 2017 , 18, 932	28
938	Inonotus obliquus polysaccharide regulates gut microbiota of chronic pancreatitis in mice. 2017 , 7, 39	27
937	Confounding effects of microbiome on the susceptibility of TNFSF15 to Crohn's disease in the Ryukyu Islands. 2017 , 136, 387-397	12
936	The human gut microbiome as source of innovation for health: Which physiological and therapeutic outcomes could we expect?. 2017 , 72, 21-38	22
935	Long chain arabinoxylans shift the mucosa-associated microbiota in the proximal colon of the simulator of the human intestinal microbial ecosystem (M-SHIME). 2017 , 32, 226-237	18
934	Introduction to the special focus issue on the impact of diet on gut microbiota composition and function and future opportunities for nutritional modulation of the gut microbiome to improve human health. 2017 , 8, 75-81	44
933	[Modulation of the intestinal microbiota by nutritional interventions]. 2017 , 58, 435-440	1
932	Unexplored Archaeal Diversity in the Great Ape Gut Microbiome. 2017 , 2,	53
931	Nutritional Psychiatry: Where to Next?. 2017 , 17, 24-29	103
930	Metabolic in Vivo Labeling Highlights Differences of Metabolically Active Microbes from the Mucosal Gastrointestinal Microbiome between High-Fat and Normal Chow Diet. 2017 , 16, 1593-1604	21
929	Effect of Bacillus spp. direct-fed microbial on slurry characteristics and gaseous emissions in growing pigs fed with high fibre-based diets. 2017 , 11, 209-218	5
928	Dietary fiber and prebiotics and the gastrointestinal microbiota. 2017 , 8, 172-184	579
927	Microbial Respiration and Formate Oxidation as Metabolic Signatures of Inflammation-Associated Dysbiosis. 2017 , 21, 208-219	141
926	Fecal total iron concentration is inversely associated with fecal Lactobacillus in preschool children. 2017 , 32, 1475-1479	5
925	Substituting whole grains for refined grains in a 6-wk randomized trial has a modest effect on gut microbiota and immune and inflammatory markers of healthy adults. 2017 , 105, 635-650	132

924	One-year calorie restriction impacts gut microbial composition but not its metabolic performance in obese adolescents. 2017 , 19, 1536-1551	33
923	Animal nutrition and breeding conditions modify the physiology of isolated primary cells. 2017 , 102, 16-18	
922	Dysbiosis and the immune system. 2017 , 17, 219-232	642
921	Fecal Bacterial Communities in treated HIV infected individuals on two antiretroviral regimens. 2017 , 7, 43741	45
920	Food and Industrial Grade Titanium Dioxide Impacts Gut Microbiota. 2017 , 34, 537-550	33
919	An integrative Bayesian Dirichlet-multinomial regression model for the analysis of taxonomic abundances in microbiome data. 2017 , 18, 94	34
918	Differences in Gut Metabolites and Microbial Composition and Functions between Egyptian and U.S. Children Are Consistent with Their Diets. 2017 , 2,	75
917	Influence of diet on the gut microbiome and implications for human health. 2017 , 15, 73	983
916	Modifiable Environmental Factors in Inflammatory Bowel Disease. 2017 , 19, 21	22
915	Salivary microbiome of an urban Indian cohort and patterns linked to subclinical inflammation. 2017 , 23, 926-940	15
914	Diet-derived changes by sourdough-fermented rye bread in exhaled breath aspiration ion mobility spectrometry profiles in individuals with mild gastrointestinal symptoms. 2017 , 68, 987-996	4
913	The importance of appropriate initial bacterial colonization of the intestine in newborn, child, and adult health. 2017 , 82, 387-395	83
912	Quantitative detection of fecal contamination with domestic poultry feces in environments in China. 2017 , 7, 80	10
911	The gut microbiome as a target for prevention and treatment of hyperglycaemia in type 2 diabetes: from current human evidence to future possibilities. 2017 , 60, 943-951	189
910	Intestinal Microbiology and Ecology in Crohn's Disease and Ulcerative Colitis. 2017 , 67-74	1
909	Moutan Cortex and Paeoniae Radix Rubra reverse high-fat-diet-induced metabolic disorder and restore gut microbiota homeostasis. 2017 , 15, 210-219	8
908	Applying the design-build-test paradigm in microbiome engineering. 2017 , 48, 85-93	8
907	Association of white and red meat consumption with general and abdominal obesity: a cross-sectional study among a population of Iranian military families in 2016. 2017 , 22, 717-724	21

906	Relationships between gut microbiota, plasma metabolites, and metabolic syndrome traits in the METSIM cohort. 2017 , 18, 70	167
905	False discovery rate control incorporating phylogenetic tree increases detection power in microbiome-wide multiple testing. 2017 , 33, 2873-2881	43
904	Extended Abstracts Fall 2015. 2017 ,	
903	Multi-stability and the origin of microbial community types. 2017 , 11, 2159-2166	57
902	Metabolic concerns in aging HIV-infected persons: from serum lipid phenotype to fatty liver. 2017 , 31 Suppl 2, S147-S156	23
901	Significant positive association of endotoxemia with histological severity in 237 patients with non-alcoholic fatty liver disease. 2017 , 46, 175-182	40
900	Functional implications of microbial and viral gut metagenome changes in early stage L-DOPA-naïve Parkinson's disease patients. 2017 , 9, 39	274
899	The Human Microbiome. 2017 , 63-77	3
898	Microbiome: Its Impact Is Being Revealed!. 2017 , 4, 78-87	1
897	The prenatal gut microbiome: are we colonized with bacteria in utero?. 2017 , 12 Suppl 1, 3-17	144
896	The shrinking human gut microbiome. 2017 , 38, 30-35	29
895	Introduction to Gastrointestinal Diseases Vol. 1. 2017 ,	2
894	Partitioning the effects of mating and nuptial feeding on the microbiome in gift-giving insects. 2017 , 9, 104-112	5
893	11 β -hydroxysteroid dehydrogenase-1 deficiency alters the gut microbiome response to Western diet. 2017 , 232, 273-283	8
892	Microbiome and metabolic disease: revisiting the bacterial phylum Bacteroidetes. 2017 , 95, 1-8	159
891	How should we treat mild and moderate-severe Crohn's disease in 2017? A brief overview of available therapies. 2017 , 11, 95-97	
890	Understanding the Holobiont: How Microbial Metabolites Affect Human Health and Shape the Immune System. 2017 , 26, 110-130	370
889	The resilience of the intestinal microbiota influences health and disease. 2017 , 15, 630-638	398

888	Fiber-utilizing capacity varies in Prevotella- versus Bacteroides-dominated gut microbiota. 2017 , 7, 2594	216
887	Structure of protein emulsion in food impacts intestinal microbiota, caecal luminal content composition and distal intestine characteristics in rats. 2017 , 61, 1700078	10
886	Introduction to the human gut microbiota. 2017 , 474, 1823-1836	1049
885	Exploring a Possible Link between the Intestinal Microbiota and Feed Efficiency in Pigs. 2017 , 83,	147
884	Weight-loss interventions and gut microbiota changes in overweight and obese patients: a systematic review. 2017 , 18, 832-851	110
883	A multiomics approach to study the microbiome response to phytoplankton blooms. 2017 , 101, 4863-4870	1
882	Daily Changes in Composition and Diversity of the Intestinal Microbiota in Patients with Anorexia Nervosa: A Series of Three Cases. 2017 , 25, 423-427	26
881	Impact of multi-functional fermented goat milk beverage on gut microbiota in a dynamic colon model. 2017 , 99, 315-327	30
880	Global metabolic interaction network of the human gut microbiota for context-specific community-scale analysis. 2017 , 8, 15393	129
879	Gut microbiota composition in relation to the metabolic response to 12-week combined polyphenol supplementation in overweight men and women. 2017 , 71, 1040-1045	78
878	A diet change from dry food to beef induces reversible changes on the faecal microbiota in healthy, adult client-owned dogs. 2017 , 13, 147	42
877	Optimizing methods and dodging pitfalls in microbiome research. 2017 , 5, 52	273
876	Comparison of the Performance of Different Microbial Source Tracking Markers among European and North African Regions. 2017 , 46, 760-766	16
875	A pea (<i>Pisum sativum</i> L.) seed albumin extract prevents colonic DSS induced dysbiosis in mice. 2017 , 35, 279-294	10
874	The microbiome and hepatobiliary-pancreatic cancers. 2017 , 402, 9-15	70
873	Influence of nutrition therapy on the intestinal microbiome. 2017 , 20, 131-137	23
872	Intestinal dysbiosis and probiotic applications in autoimmune diseases. 2017 , 152, 1-12	148
871	Meta-analysis To Define a Core Microbiota in the Swine Gut. 2017 , 2,	125

870	Factors Influencing the Gut Microbiota, Inflammation, and Type 2 Diabetes. 2017 , 147, 1468S-1475S	161
869	Molekulare Darmmikrobiomdiagnostik. 2017 , 12, 49-59	3
868	MicroSIA: A Gut-Microbes Information-Extraction Method with Semantic Inverse Analysis for Discovering Unique Bacteria-Combinations in Nationality. 2017 ,	
867	Gut microbiota and vascular biomarkers in patients without clinical cardiovascular diseases. 2017 , 18, 41	5
866	Proteobacteria explain significant functional variability in the human gut microbiome. 2017 , 5, 36	82
865	The Microbiome and Human Biology. 2017 , 18, 65-86	181
864	A Perspective on Brain-Gut Communication: The American Gastroenterology Association and American Psychosomatic Society Joint Symposium on Brain-Gut Interactions and the Intestinal Microenvironment. 2017 , 79, 847-856	18
863	The Association Between Temperament and Microbiota in Healthy Individuals: A Pilot Study. 2017 , 79, 898-904	4
862	Host species shapes the co-occurrence patterns rather than diversity of stomach bacterial communities in pikas. 2017 , 101, 5519-5529	11
861	Asian gut microbiome. 2017 , 62, 816-817	5
860	Infant nutrition and the microbiome. 2017 , 220-257	1
859	The Composition of Colonic Commensal Bacteria According to Anatomical Localization in Colorectal Cancer. 2017 , 3, 90-97	19
858	Association between urinary metabolic profile and the intestinal effects of cocoa in rats. 2017 , 117, 623-634	14
857	Bacterial Colonization of the Newborn Gut, Immune Development, and Prevention of Disease. 2017 , 88, 23-33	9
856	Diet and Gut Microbiota in Health and Disease. 2017 , 88, 117-126	40
855	Microbiota-Gut-Brain Axis: Modulator of Host Metabolism and Appetite. 2017 , 147, 727-745	179
854	Mechanisms and consequences of intestinal dysbiosis. 2017 , 74, 2959-2977	184
853	Intestinal Barrier Function and the Gut Microbiome Are Differentially Affected in Mice Fed a Western-Style Diet or Drinking Water Supplemented with Fructose. 2017 , 147, 770-780	85

852	Ethnic and diet-related differences in the healthy infant microbiome. 2017 , 9, 32	63
851	Nonalcoholic Fatty Liver Disease, the Gut Microbiome, and Diet. 2017 , 8, 240-252	85
850	Effect of Antibiotics and Diet on Enterolactone Concentration and Metabolome Studied by Targeted and Nontargeted LC-MS Metabolomics. 2017 , 16, 2135-2150	7
849	Sensitivity to oxazolone induced dermatitis is transferable with gut microbiota in mice. 2017 , 7, 44385	36
848	Effect of Whole Grain Qingke (Tibetan <i>Hordeum vulgare</i> L. Zangqing 320) on the Serum Lipid Levels and Intestinal Microbiota of Rats under High-Fat Diet. 2017 , 65, 2686-2693	40
847	Computational Modeling of Microbial Communities. 2017 , 163-189	4
846	High-cholesterol diet does not alter gut microbiota composition in mice. 2017 , 14, 15	21
845	Mechanisms of cross-talk between the diet, the intestinal microbiome, and the undernourished host. 2017 , 8, 98-112	30
844	A safflower oil based high-fat/high-sucrose diet modulates the gut microbiota and liver phospholipid profiles associated with early glucose intolerance in the absence of tissue inflammation. 2017 , 61, 1600528	14
843	A small-sample multivariate kernel machine test for microbiome association studies. 2017 , 41, 210-220	25
842	Dietary Assessment in the MetaCardis Study: Development and Relative Validity of an Online Food Frequency Questionnaire. 2017 , 117, 878-888	18
841	Microbial nutrient niches in the gut. 2017 , 19, 1366-1378	145
840	Adherence to a Mediterranean Diet Influences the Fecal Metabolic Profile of Microbial-Derived Phenolics in a Spanish Cohort of Middle-Age and Older People. 2017 , 65, 586-595	44
839	IBS Patient's Guide. 2017 , 63-80	
838	Irritable bowel syndrome: a gut microbiota-related disorder?. 2017 , 312, G52-G62	102
837	Modulation of gut microbiota and increase in fecal water content in mice induced by administration of <i>Lactobacillus kefirianofaciens</i> DN1. 2017 , 8, 680-686	32
836	New insights into the role of the porcine intestinal yeast, <i>Kazachstania slooffiae</i> , in intestinal environment of weaned piglets. 2017 , 93,	13
835	Metagenomic profiling of gut microbial communities in both wild and artificially reared Bar-headed goose (<i>Anser indicus</i>). 2017 , 6, e00429	21

834	Prospective randomized controlled study on the effects of <i>Saccharomyces boulardii</i> CNCM I-745 and amoxicillin-clavulanate or the combination on the gut microbiota of healthy volunteers. 2017 , 8, 17-32	59
833	Linking dietary patterns with gut microbial composition and function. 2017 , 8, 113-129	73
832	Revisiting enterotypes: a viral perspective. 2017 , 12, 391-394	1
831	Ammonia exposure alters the expression of immune-related and antioxidant enzymes-related genes and the gut microbial community of crucian carp (<i>Carassius auratus</i>). 2017 , 70, 485-492	47
830	Time of day and eating behaviors are associated with the composition and function of the human gastrointestinal microbiota. 2017 , 106, 1220-1231	77
829	Intestinal Microbiota and Bone Health: The Role of Prebiotics, Probiotics, and Diet. 2017 , 417-443	6
828	Microbial community and ovine host response varies with early and late stages of <i>Haemonchus contortus</i> infection. 2017 , 41, 263-277	20
827	Dietary Therapies in Pediatric Inflammatory Bowel Disease: An Evolving Inflammatory Bowel Disease Paradigm. 2017 , 46, 731-744	13
826	Functional Metagenomics: Tools and Applications. 2017 ,	6
825	Challenges in simulating the human gut for understanding the role of the microbiota in obesity. 2017 , 8, 31-53	15
824	Characterization of fecal fat composition and gut derived fecal microbiota in high-fat diet fed rats following intervention with chito-oligosaccharide and resistant starch complexes. 2017 , 8, 4374-4383	30
823	The development of seaweed-derived bioactive compounds for use as prebiotics and nutraceuticals using enzyme technologies. 2017 , 70, 20-33	65
822	Human Gut Metagenomics: Success and Limits of the Activity-Based Approaches. 2017 , 161-178	
821	Impact of Fruit Dietary Fibers and Polyphenols on Modulation of the Human Gut Microbiota. 2017 , 405-422	3
820	Microbiota-Brain-Gut Axis and Neurodegenerative Diseases. 2017 , 17, 94	290
819	A Gut Microbial Mimic that Hijacks Diabetogenic Autoreactivity to Suppress Colitis. 2017 , 171, 655-667.e17	63
818	Is there a relationship between intestinal microbiota, dietary compounds, and obesity?. 2017 , 70, 105-113	38
817	The Microbiota and Energy Balanc. 2017 , 1-18	

816	Research Gaps in Diet and Nutrition in Inflammatory Bowel Disease. A Topical Review by D-ECCO Working Group [Dietitians of ECCO]. 2017 , 11, 1407-1419	51
815	Gut microbiota of a long-distance migrant demonstrates resistance against environmental microbe incursions. 2017 , 26, 5842-5854	24
814	Interaction between diet composition and gut microbiota and its impact on gastrointestinal tract health. 2017 , 6, 121-130	79
813	Association of vegetarian diet with inflammatory biomarkers: a systematic review and meta-analysis of observational studies. 2017 , 20, 2713-2721	69
812	Gut microbiota: Role in pathogen colonization, immune responses, and inflammatory disease. 2017 , 279, 70-89	515
811	Correlation, consequence, and functionality in microbiome-immune interplay. 2017 , 279, 4-7	11
810	Timing the Microbes: The Circadian Rhythm of the Gut Microbiome. 2017 , 32, 505-515	64
809	Microbiota and neurodegenerative diseases. 2017 , 30, 630-638	43
808	5. Klinik. 2017 ,	
807	Fermentation properties of isomaltooligosaccharides are affected by human fecal enterotypes. 2017 , 48, 206-214	35
806	Soluble Dietary Fiber Reduces Trimethylamine Metabolism via Gut Microbiota and Co-Regulates Host AMPK Pathways. 2017 , 61, 1700473	31
805	Dietary intake of fat and fibre according to reference values relates to higher gut microbiota richness in overweight pregnant women. 2017 , 118, 343-352	59
804	Seasonal variation in nutrient utilization shapes gut microbiome structure and function in wild giant pandas. 2017 , 284,	39
803	Review article: next-generation transformative advances in the pathogenesis and management of autoimmune hepatitis. 2017 , 46, 920-937	19
802	How Fucose of Blood Group Glycotopes Programs Human Gut Microbiota. 2017 , 82, 973-989	3
801	Linking Spatial Structure and Community-Level Biotic Interactions through Cooccurrence and Time Series Modeling of the Human Intestinal Microbiota. 2017 , 2,	7
800	LRLSHMDA: Laplacian Regularized Least Squares for Human Microbe-Disease Association prediction. 2017 , 7, 7601	50
799	Investigation into the stability and culturability of Chinese enterotypes. 2017 , 7, 7947	11

798	Gut Protozoa: Friends or Foes of the Human Gut Microbiota?. 2017 , 33, 925-934	82
797	The intricate connection between diet, microbiota, and cancer: A jigsaw puzzle. 2017 , 32, 35-42	15
796	Deep Sequencing of RNA from Blood and Oral Swab Samples Reveals the Presence of Nucleic Acid from a Number of Pathogens in Patients with Acute Ebola Virus Disease and Is Consistent with Bacterial Translocation across the Gut. 2017 , 2,	26
795	Soy Improves Cardiometabolic Health and Cecal Microbiota in Female Low-Fit Rats. 2017 , 7, 9261	32
794	Lifestyle alters GUT-bacteria function: Linking immune response and host. 2017 , 31, 625-635	9
793	Intestinal microbiome in scleroderma: recent progress. 2017 , 29, 553-560	26
792	High-protein diet improves sensitivity to cholecystokinin and shifts the cecal microbiome without altering brain inflammation in diet-induced obesity in rats. 2017 , 313, R473-R486	11
791	Bile Acids as Biomarkers. 2017 , 321-329	
790	Patterns of seasonality and group membership characterize the gut microbiota in a longitudinal study of wild Verreaux's sifakas (). 2017 , 7, 5732-5745	52
789	The role of intestinal bacteria in the development and progression of gastrointestinal tract neoplasms. 2017 , 26, 368-376	41
788	Operation-driven heterogeneity and overlooked feed-associated populations in global anaerobic digester microbiome. 2017 , 124, 77-84	64
787	Strategies to increase the efficacy of using gut microbiota for the modulation of obesity. 2017 , 18, 1260-1271	21
786	Associations between gastric dilatation-volvulus in Great Danes and specific alleles of the canine immune-system genes DLA88, DRB1, and TLR5. 2017 , 78, 934-945	3
785	Evolution, human-microbe interactions, and life history plasticity. 2017 , 390, 521-530	113
784	The microbiota revolution: Excitement and caution. 2017 , 47, 1406-1413	16
783	Exercise and gut microbiota: clinical implications for the feasibility of Tai Chi. 2017 , 15, 270-281	15
782	Dysregulated microbiota-gut-brain axis. 2017 , 47, 648-658	3
781	Reproducibility of assessing fecal microbiota in chronic constipation. 2017 , 29, 1-10	10

780	Improved detection of changes in species richness in high diversity microbial communities. 2017 , 66, 963-977	32
779	Human Gut-Derived Commensal Bacteria Suppress CNS Inflammatory and Demyelinating Disease. 2017 , 20, 1269-1277	137
778	The Potential for Emerging Microbiome-Mediated Therapeutics in Asthma. 2017 , 17, 62	11
777	Fecal concentrations of bacterially derived vitamin K forms are associated with gut microbiota composition but not plasma or fecal cytokine concentrations in healthy adults. 2017 , 106, 1052-1061	43
776	The Effects of Captivity on the Mammalian Gut Microbiome. 2017 , 57, 690-704	169
775	Complex interactions of circadian rhythms, eating behaviors, and the gastrointestinal microbiota and their potential impact on health. 2017 , 75, 673-682	50
774	Microbiota and Aging. A Review and Commentary. 2017 , 48, 681-689	51
773	Consumption of kiwifruit capsules increases abundance in functionally constipated individuals: a randomised controlled human trial. 2017 , 6, e52	20
772	Gut Microbiota: A New Marker of Cardiovascular Disease. 2017 , 23, 3233-3238	20
771	Exploring the microbiome in health and disease: Implications for toxicology. 2017 , 1, 239784731774188	19
770	Enteromorpha and polysaccharides from enteromorpha ameliorate loperamide-induced constipation in mice. 2017 , 96, 1075-1081	44
769	Correlations between gut microbiota community structures of Tibetans and geography. 2017 , 7, 16982	31
768	Aetiology of obesity in adults. 2017 , 85-137	
767	Analyses of gut microbiota and plasma bile acids enable stratification of patients for antidiabetic treatment. 2017 , 8, 1785	192
766	Contemporary Applications of Fecal Microbiota Transplantation to Treat Intestinal Diseases in Humans. 2017 , 48, 766-773	20
765	A role for bacterial urease in gut dysbiosis and Crohn's disease. 2017 , 9,	92
764	What Is the Optimal Dietary Composition for NAFLD?. 2017 , 16, 346-355	5
763	Brown rice and retrograded brown rice alleviate inflammatory response in dextran sulfate sodium (DSS)-induced colitis mice. 2017 , 8, 4630-4643	23

762	Analysis of the gut microbiome and plasma short-chain fatty acid profiles in a spontaneous mouse model of metabolic syndrome. 2017 , 7, 15876	60
761	Microbiota of the Human Gut. 2017 , 1-15	
760	Structured subcomposition selection in regression and its application to microbiome data analysis. 2017 , 11,	17
759	Diet, Gut Microbiota, and Colorectal Cancer Prevention: A Review of Potential Mechanisms and Promising Targets For Future Research. 2017 , 13, 429-439	25
758	Dietary Impacts on the Composition of Microbiota in Human Health and Disease. 2017 , 377-404	
757	Digestion under saliva, simulated gastric and small intestinal conditions and fermentation in vitro of polysaccharides from the flowers of <i>Camellia sinensis</i> induced by human gut microbiota. 2017 , 8, 4619-4629 ⁴⁸	
756	Obesity and microbiota: an example of an intricate relationship. 2017 , 12, 18	61
755	Statistical Challenges for Human Microbiome Analysis. 2017 , 47-51	
754	Changes in the Qualitative and Quantitative Composition of the Intestinal Microflora in Rats in Experimental Allergic Encephalomyelitis. 2017 , 47, 328-336	
753	<i>Panax ginseng</i> and <i>Panax quinquefolius</i> : From pharmacology to toxicology. 2017 , 107, 362-372	130
752	Analysis of healthy and tumour DNA methylation distributions in kidney-renal-clear-cell-carcinoma using Kullback-Leibler and Jensen-Shannon distance measures. 2017 , 11, 99-104	3
751	Serum LL-37 Levels Associated With Severity of Bronchiolitis and Viral Etiology. 2017 , 65, 967-975	15
750	Hypothesis Testing and Statistical Analysis of Microbiome. 2017 , 4, 138-148	86
749	Inflammatory Bowel Disease. 2017 ,	2
748	Immune-modulating effects in mouse dendritic cells of lactobacilli and bifidobacteria isolated from individuals following omnivorous, vegetarian and vegan diets. 2017 , 97, 141-148	11
747	Modulation of gut microbiota by berberine and decocted <i>Coptis chinensis</i> Franch. in a high-fat diet-induced metabolic syndrome rat model. 2017 , 4, 149-157	2
746	A Diet Low in Fermentable Oligo-, Di-, and Monosaccharides and Polyols Improves Quality of Life and Reduces Activity Impairment in Patients With Irritable Bowel Syndrome and Diarrhea. 2017 , 15, 1890-1899. ⁵¹	51
745	Revised computational metagenomic processing uncovers hidden and biologically meaningful functional variation in the human microbiome. 2017 , 5, 19	14

744	Profound perturbation induced by triclosan exposure in mouse gut microbiome: a less resilient microbial community with elevated antibiotic and metal resistomes. 2017 , 18, 46	26
743	Association of dietary patterns with the fecal microbiota in Korean adolescents. 2017 , 3, 20	16
742	Deficiency in plasmacytoid dendritic cells and type I interferon signalling prevents diet-induced obesity and insulin resistance in mice. 2017 , 60, 2033-2041	33
741	Characterisation of the gill mucosal bacterial communities of four butterflyfish species: a reservoir of bacterial diversity in coral reef ecosystems. 2017 , 93,	18
740	Brain Structure and Response to Emotional Stimuli as Related to Gut Microbial Profiles in Healthy Women. 2017 , 79, 905-913	97
739	Nutrition Matters in IBD. 2017 , 233-255	
738	Phylogenetic profile of gut microbiota in healthy adults after moderate intake of red wine. 2017 , 61, 1600620	31
737	Data_Sheet_1.ZIP. 2020 ,	
736	Data_Sheet_1.docx. 2019 ,	
735	Table_1.XLSX. 2019 ,	
734	Data_Sheet_1.PDF. 2020 ,	
733	Image_1.JPEG. 2020 ,	
732	Image_2.JPEG. 2020 ,	
731	Image_3.JPEG. 2020 ,	
730	Table_1.DOCX. 2020 ,	
729	Data_Sheet_1.DOCX. 2018 ,	
728	Image_1.TIF. 2018 ,	
727	Image_2.TIF. 2018 ,	

726 Image_3.TIF. 2018,

725 Image_4.TIF. 2018,

724 Image_5.TIF. 2018,

723 Table_1.XLSX. 2018,

722 Table_2.XLSX. 2018,

721 Table_3.XLSX. 2018,

720 Table_4.XLSX. 2018,

719 Table_5.XLSX. 2018,

718 Table_6.XLSX. 2018,

717 Image_1.TIF. 2018,

716 Image_2.TIF. 2018,

715 Image_3.TIF. 2018,

714 Image_4.TIF. 2018,

713 Table_1.docx. 2018,

712 Data_Sheet_1.docx. 2018,

711 Data_Sheet_2.XLSX. 2018,

710 Data_Sheet_3.XLSX. 2018,

709 Data_Sheet_1.DOCX. 2020,

708 Image_1.PDF. 2018,

707 Table_1.XLS. 2018,

706 Table_2.XLS. 2018,

705 Table_3.XLS. 2018,

704 Table_4.XLS. 2018,

703 Table_5.XLS. 2018,

702 Table_6.XLS. 2018,

701 Table_7.XLS. 2018,

700 Table_8.XLS. 2018,

699 Data_Sheet_1.pdf. 2019,

698 Data_Sheet_1.docx. 2020,

697 Data_Sheet_2.xlsx. 2020,

696 Data_Sheet_3.xlsx. 2020,

695 Data_Sheet_4.xlsx. 2020,

694 Presentation_1.PDF. 2018,

693 Table_1.docx. 2019,

692 Table_2.docx. 2019,

691 Image_1.JPEG. 2019,

690 Image_10.JPEG. 2019,

689 Image_11.JPEG. 2019,

688 Image_2.JPEG. 2019,

687 Image_3.JPEG. 2019,

686 Image_4.JPEG. 2019,

685 Image_5.JPEG. 2019,

684 Image_6.JPEG. 2019,

683 Image_7.JPEG. 2019,

682 Image_8.JPEG. 2019,

681 Image_9.JPEG. 2019,

680 Table_1.XLSX. 2019,

679 Table_2.XLSX. 2019,

678 Table_3.XLSX. 2019,

677 Image_1.PDF. 2018,

676 Image_10.PDF. 2018,

675 Image_11.PDF. 2018,

674 Image_12.PDF. 2018,

673 Image_13.PDF. 2018,

672 Image_14.PDF. 2018,

671 Image_15.pdf. 2018,

670 Image_2.PDF. 2018,

669 Image_3.PDF. 2018,

668 Image_4.PDF. 2018,

667 Image_5.PDF. 2018,

666 Image_6.PDF. 2018,

665 Image_7.PDF. 2018,

664 Image_8.PDF. 2018,

663 Image_9.PDF. 2018,

662 Table_1.DOCX. 2018,

661 Table_2.DOCX. 2018,

660 Table_3.DOCX. 2018,

659 Table_4.DOCX. 2018,

658 Table_5.DOCX. 2018,

657 Table_6.DOCX. 2018,

656 Table_7.DOCX. 2018,

655 Image_1.PDF. 2018,

654 Image_2.PDF. 2018,

653 Table_1.PDF. 2018,

652 Table_2.PDF. 2018,

651 Data_Sheet_1.PDF. 2020,

650 Image_1.TIF. 2018,

649 Data_Sheet_1.PDF. 2019,

648 Image_1.PDF. 2019,

647 Table_1.DOCX. 2019,

646 Data_Sheet_1.PDF. 2020,

645 Data_Sheet_1.PDF. 2020,

644 Data_Sheet_1.PDF. 2020,

643 Data_Sheet_2.ZIP. 2020,

642 Image_1.pdf. 2020,

641 Table_1.XLSX. 2020,

640 Table_2.DOCX. 2020,

639 Table_3.XLSX. 2020,

638 Table_4.XLSX. 2020,

637 Data_Sheet_1.doc. 2020,

636 Data_Sheet_2.xls. **2020**,

635 Image_1.TIF. **2019**,

634 Image_2.TIF. **2019**,

633 Image_3.TIF. **2019**,

632 Image_4.TIF. **2019**,

631 Table_1.XLSX. **2019**,

630 Table_2.XLSX. **2019**,

629 Table_3.XLSX. **2019**,

628 Table_4.XLSX. **2019**,

627 Table_5.XLSX. **2019**,

626 Table_6.XLSX. **2019**,

625 Image_1.pdf. **2019**,

624 Image_2.pdf. **2019**,

623 Image_3.pdf. **2019**,

622 Image_4.pdf. **2019**,

621 Image_5.pdf. **2019**,

620 Table_1.xlsx. **2019**,

619 Table_2.xlsx. **2019**,

618 Table_3.xlsx. 2019,

617 Table_4.xlsx. 2019,

616 Table_5.xlsx. 2019,

615 Data_Sheet_1.docx. 2020,

614 Data_Sheet_2.docx. 2020,

613 Data_Sheet_3.docx. 2020,

612 Data_Sheet_4.docx. 2020,

611 Image_1.PNG. 2020,

610 Image_2.png. 2020,

609 Image_3.PNG. 2020,

608 Image_4.PNG. 2020,

607 Image_5.PNG. 2020,

606 Image_6.PNG. 2020,

605 Image_7.PNG. 2020,

604 Data_Sheet_1.ZIP. 2020,

603 Data_Sheet_1.docx. 2020,

602 Image_1.pdf. 2020,

601 Image_2.pdf. 2020,

600 Table_1.XLS. 2020,

599 Table_2.XLS. 2020,

598 Table_3.XLS. 2020,

597 Table_4.XLS. 2020,

596 Table_5.XLS. 2020,

595 Table_6.XLS. 2020,

594 Table_7.XLS. 2020,

593 Table_8.XLS. 2020,

592 Table_9.XLS. 2020,

591 Image_1.JPEG. 2020,

590 Image_10.JPEG. 2020,

589 Image_11.JPEG. 2020,

588 Image_12.JPEG. 2020,

587 Image_13.JPEG. 2020,

586 Image_14.JPEG. 2020,

585 Image_2.JPEG. 2020,

584 Image_3.JPEG. 2020,

583 Image_4.JPEG. 2020,

582 Image_5.JPEG. 2020,

581 Image_6.JPEG. 2020,

580 Image_7.JPEG. 2020,

579 Image_8.JPEG. 2020,

578 Image_9.JPEG. 2020,

577 Table_1.XLSX. 2020,

576 Table_1.XLSX. 2018,

575 Table_2.XLSX. 2018,

574 Table_3.XLSX. 2018,

573 Data_Sheet_1.PDF. 2018,

572 Data_Sheet_2.PDF. 2018,

571 Data_Sheet_3.PDF. 2018,

570 Table_1.DOCX. 2018,

569 Table_2.DOCX. 2018,

568 Table_3.DOCX. 2018,

567 Table_4.xlsx. 2018,

566 Table_5.xlsx. 2018,

565 Table_6.xlsx. 2018,

564 Table_7.xlsx. 2018,

563 Table_8.xlsx. 2018,

562 Image1.JPEG. 2018,

561 Image2.JPEG. 2018,

560 Image3.JPEG. 2018,

559 Image4.JPEG. 2018,

558 Table1.DOCX. 2018,

557 Table2.DOCX. 2018,

556 Table3.XLSX. 2018,

555 Table4.docx. 2018,

554 Data_Sheet_1.docx. 2020,

553 Image_1.tif. 2019,

552 Table_1.DOCX. 2019,

551 Table_2.DOCX. 2019,

550 Table_3.DOCX. 2019,

549 Table_4.DOCX. 2019,

548 Data_Sheet_1.pdf. 2020,

547 Data_Sheet_1.pdf. 2018,

546 Table_1.xls. 2019,

545 Table_2.xls. 2019,

544 Data_Sheet_1.XLSX. 2018,

543 Data_Sheet_2.XLSX. 2018,

542 Image_1.PDF. 2018,

541 Image_2.PDF. 2018,

540 Image_3.PDF. 2018,

539 Image_4.pdf. 2018,

538 Table_1.DOCX. 2018,

537 Table_2.DOCX. 2018,

536 Data_Sheet_1.pdf. 2020,

535 Data_Sheet_2.pdf. 2020,

534 Table_1.docx. 2019,

533 Data_Sheet_1.PDF. 2019,

532 Data_Sheet_1.xlsx. 2019,

531 Data_Sheet_2.xlsx. 2019,

530 Data_Sheet_3.docx. 2019,

529 Data_Sheet_1.xlsx. 2018,

528 Data_Sheet_2.docx. **2018**,

527 Image_1.pdf. **2018**,

526 Image_2.pdf. **2018**,

525 Image_3.pdf. **2018**,

524 Image_4.pdf. **2018**,

523 Table_1.docx. **2018**,

522 Table_2.docx. **2018**,

521 Table_3.docx. **2018**,

520 Table_4.docx. **2018**,

519 Table_1.XLS. **2020**,

518 Table_2.XLS. **2020**,

517 Table_1.XLSX. **2019**,

516 Table_2.XLSX. **2019**,

515 Data_Sheet_1.pdf. **2018**,

514 Data_Sheet_2.xlsx. **2018**,

513 Data_Sheet_1.xlsx. **2020**,

512 Data_Sheet_2.docx. **2020**,

511 Table_1.DOCX. **2020**,

510 Table_2.DOCX. 2020,

509 Table_3.DOCX. 2020,

508 Table_4.DOCX. 2020,

507 Table_5.DOCX. 2020,

506 Data_Sheet_1.XLSX. 2020,

505 Data_Sheet_2.pdf. 2020,

504 Presentation_1.pdf. 2018,

503 Image_1.JPEG. 2019,

502 Image_1.TIFF. 2020,

501 Table_1.XLSX. 2020,

500 Table_2.docx. 2020,

499 Table_3.DOCX. 2020,

498 Table_1.DOCX. 2020,

497 Image_1.TIFF. 2020,

496 Image_2.TIFF. 2020,

495 Table_1.DOCX. 2020,

494 Table_2.DOCX. 2020,

493 Table_3.DOCX. 2020,

492	Association of dietary patterns with gut microbiota in kidney stone and non-kidney stone individuals.. 2022 , 1	1
491	A metagenomic assessment of gut microbiota in Indian colon cancer patients.. 2022 , 18, 96-102	0
490	OUP accepted manuscript.	1
489	A Reciprocal Link Between Gut Microbiota, Inflammation and Depression: A Place for Probiotics?. 2022 , 16, 852506	0
488	Microbial dark matter: from discovery to applications.. 2022 ,	0
487	Diet-Based Microbiome Modulation: You are What You Eat. 2022 , 1-46	
486	The Oral, Gut Microbiota and Cardiometabolic Health of Indigenous Orang Asli Communities.. 2022 , 12, 812345	
485	Chronic systemic low-grade inflammation and modern lifestyle: the dark role of gut microbiota on related diseases with a focus on pandemic COVID-19.. 2022 ,	2
484	Knowledge Mapping of the Links Between the Gut Microbiota and Heart Failure: A Scientometric Investigation (2006-2021).. 2022 , 9, 882660	1
483	Global, distinctive, and personal changes in molecular and microbial profiles by specific fibers in humans.. 2022 ,	4
482	Metabolites of Gut Microbiota and Possible Implication in Development of Diabetes Mellitus.. 2022 ,	0
481	Beneficial Effects of a Low-Glycemic Diet on Serum Metabolites and Gut Microbiota in Obese Women With and Enterotypes: A Randomized Clinical Trial.. 2022 , 9, 861880	0
480	Effects of Intestinal Flora on Irritable Bowel Syndrome and Therapeutic Significance of Polysaccharides. 2022 , 9,	1
479	Significant Differences in Gut Microbiota Between Irritable Bowel Syndrome with Diarrhea and Healthy Controls in Southwest China.. 2022 , 1	0
478	Associations of Blautia Genus With Early-Life Events and Later Phenotype in the NutriHS. 2022 , 12,	0
477	Microbiota alterations in proline metabolism impact depression.. 2022 , 34, 681-701.e10	7
476	The Lumenal Microbiota Varies Biogeographically in the Gastrointestinal Tract of Rhesus Macaques.. 2022 , e0034322	1
475	Associations between Frequency of Culinary Herb Use and Gut Microbiota.. 2022 , 14,	1

474	Increased Relative Abundance of Is Associated With Reduced Cardiovascular Risk in an Obese Population.. 2022 , 9, 849005	1
473	Association of the gut microbiome with cancer immunotherapy.. 2022 , 1	
472	Association between gut Microbiota, GROWth and Diet in peripubertal children from the TARGet Kids! cohort (The MiGrowD) study: protocol for studying gut microbiota at a community-based primary healthcare setting.. 2022 , 12, e057989	
471	Exploring the multifactorial aspects of Gut Microbiome in Parkinson's Disease.. 2022 ,	1
470	Metagenomic Shotgun Sequencing of Endocervical, Vaginal, and Rectal Samples among Fijian Women with and without Chlamydia trachomatis Reveals Disparate Microbial Populations and Function across Anatomic Sites: a Pilot Study.. 2022 , e0010522	0
469	Dynamic Distribution of Gut Microbiota in Pigs at Different Growth Stages: Composition and Contribution.. 2022 , e0068821	2
468	Distribution of Vaginal and Gut Microbiome in Advanced Maternal Age. 2022 , 12,	0
467	Gut microbiota predicts body fat change following a low-energy diet: a PREVIEW intervention study. 2022 , 14,	1
466	Ecological dynamics of the gut microbiome in response to dietary fiber.	1
465	Mediterranean-like dietary pattern associations with gut microbiome composition and sub-clinical gastrointestinal inflammation. 2022 ,	4
464	Capabilities of Bio-Binding, Antioxidant and Intestinal Environmental Repair Jointly Determine the Ability of Lactic Acid Bacteria to Mitigate Perfluorooctane Sulfonate Toxicity.	
463	Humanization of wildlife gut microbiota in urban environments. 11,	2
462	Stool microbiota show greater linkages with plasma metabolites compared to salivary microbiota in a multinational cirrhosis cohort.	0
461	Bacteroides propionicigenes sp. nov., isolated from human faeces. 2022 , 72,	0
460	Mechanism of glycometabolism regulation by bioactive compounds from the fruits of Lycium barbarum: A review. 2022 , 111408	0
459	Prevotella species in the human gut is primarily comprised of Prevotella copri, Prevotella stercorea and related lineages. 2022 , 12,	2
458	Prebiotics and the Human Gut Microbiota: From Breakdown Mechanisms to the Impact on Metabolic Health. 2022 , 14, 2096	4
457	A synbiotics, long chain polyunsaturated fatty acids, and milk fat globule membranes supplemented formula modulates microbiota maturation and neurodevelopment closer to breastfed infants. 2022 ,	1

- 456 Gut Microbial Dysbiosis and Cognitive Impairment in Bipolar Disorder: Current Evidence. 13, 0
- 455 Schizophrenia Patients With Prevotella-Enterotype Have a Higher Risk of Obesity. **2022**, 13, 0
- 454 Gut Microbiota and Antidiabetic Drugs: Perspectives of Personalized Treatment in Type 2 Diabetes Mellitus. **2022**, 12, 0
- 453 Gut Microbiota and Metabolite Changes in Patients With Ulcerative Colitis and Clostridioides difficile Infection. **2022**, 13, 0
- 452 Spondyloarthritis, acute anterior uveitis, and Crohn's disease have both shared and distinct gut microbiota.
- 451 Impact of a 7-day homogeneous diet on interpersonal variation in human gut microbiomes and metabolomes. **2022**, 1
- 450 Alterations of Gut Microbiome and Metabolite Profiles Associated With Anabolic Lipid Dysmetabolism in Thyroid Cancer. **2022**, 13, 1
- 449 Interrelations between Gut Microbiota Composition, Nutrient Intake and Diabetes Status in an Adult Japanese Population. **2022**, 11, 3216 0
- 448 Environmental factors influence yak milk composition by modulating short-chain fatty acid metabolism in intestinal microorganisms. **2022**, 163, 113608 0
- 447 Gut Microbes in Cardiovascular Diseases. **2022**, 237-248
- 446 Probiotics and bioactive metabolite production. **2022**, 171-198
- 445 The potential impact of the ketogenic diet on gut microbiota in the context of neurological disorders. **2022**, 76, 234-242
- 444 Chewing differences in consumers affect the digestion and colonic fermentation outcomes: In vitro studies.
- 443 Influence of diet on acute endocannabinoidome mediator levels post exercise in active women, a crossover randomized study. **2022**, 12, 0
- 442 Selenium-Enriched Mushroom Powder Enhances Intestinal Health and Growth Performance in the Absence of Zinc Oxide in Post-Weaned Pig Diets. **2022**, 12, 1503 1
- 441 Comparison of Gut Microbiota Diversity Between Captive and Wild Tokay Gecko (Gekko gecko). 13, 1
- 440 phyloMDA: an R package for phylogeny-aware microbiome data analysis. **2022**, 23,
- 439 Mind the Gap: Bridging the Divide from Sequencing Data to Empiric Phenotypes in the Human Gut Microbiota.

438	Effect of 8-week intake of the omega-3 fatty acid-rich perilla oil on the gut function and as a fuel source for female athletes: A randomised trial. 1-36	
437	HDL-C as a potential medium between depletion of Lachnospiraceae genera and hypertension under high-calorie diet.	
436	Dietary Influences on Gut Microbiota with a Focus on Metabolic Syndrome.	2
435	Analysis of Gut Microbiome Structure Based on GMPR+Spectrum. 2022 , 12, 5895	
434	Model Checking for Logistic Models When the Number of Parameters Tends to Infinity1. 1-30	1
433	A Black Raspberry-Rich Diet Protects From Dextran Sulfate Sodium-Induced Intestinal Inflammation and Host Metabolic Perturbation in Association With Increased Aryl Hydrocarbon Receptor Ligands in the Gut Microbiota of Mice. 9,	1
432	Effects of Dietary Nutrients on Fatty Liver Disease Associated With Metabolic Dysfunction (MAFLD): Based on the Intestinal-Hepatic Axis. 9,	1
431	NAD ⁺ and its possible role in gut microbiota: insights on the mechanisms by which gut microbes influence host metabolism. 2022 ,	1
430	How Diet and Physical Activity Modulate Gut Microbiota: Evidence, and Perspectives. 2022 , 14, 2456	4
429	Comparison of the Oral Microbiota Structure among People from the Same Ethnic Group Living in Different Environments. 2022 , 2022, 1-13	0
428	Gut Microbiota: A Novel Therapeutic Target for Parkinson's Disease. 13,	1
427	Vegetarianism, Microbiota and Cardiovascular health: Looking back, and forward.	1
426	Gut microbiota is associated with dietary intake and metabolic markers in healthy individuals.	0
425	A Case-Control Study Examining the Association of Fiber, Fruit, and Vegetable Intake and the Risk of Colorectal Cancer in a Palestinian Population. 2022 , 19, 7181	
424	The Role of the Gut Microbiota in the Effects of Early-Life Stress and Dietary Fatty Acids on Later-Life Central and Metabolic Outcomes in Mice.	0
423	Diet, Microbes, and Cancer Across the Tree of Life: a Systematic Review.	2
422	Effect of dietary <i>Bacillus coagulans</i> on the performance and intestinal microbiota of weaned piglets. 2022 , 16, 100561	0
421	An adult zebrafish model for adherent-invasive <i>Escherichia coli</i> indicates protection from AIEC infection by probiotic <i>E. coli</i> Nissle. 2022 , 25, 104572	0

420	Diet-gut microbiota-epigenetics in metabolic diseases: From mechanisms to therapeutics. 2022 , 153, 113290	3
419	The Interdependence Between Diet, Microbiome, And Human Body Health - A Systemic Review. 2022 , 13, 1-6	0
418	The Effects of Increasing Dietary Fat on Serum Lipid Profile and Modification of Gut Microbiome in C57BL/6N Mice. 2022 , 71, 1039-1049	1
417	Whole grain germinated brown rice regulates intestinal immune homeostasis and gastrointestinal hormones in type 2 diabetic patients— randomized control trial.	1
416	Psychobiotiques dans le traitement de la d�pression : un nouveau regard sur la sant� mentale [Une revue de recherche syst�matique. 125-152	
415	Psychobiotics in the treatment of depression: a new look at mental health [A systematic search review. 125-152	
414	Psychobiotika in der Behandlung von Depressionen: ein neuer Blick auf die psychische Gesundheit [Eine systematische Berprfung der Suche. 125-152	
413	Psicobiotici nel trattamento della depressione: un nuovo sguardo sulla salute mentale [Una revisione sistematica della ricerca. 125-152	
412	125-152 125-152	
411	Curcuminoids for Metabolic Syndrome: Meta-Analysis Evidences Toward Personalized Prevention and Treatment Management. 9,	2
410	An Infancy-Onset 20-Year Dietary Counselling Intervention and Gut Microbiota Composition in Adulthood. 2022 , 14, 2667	0
409	Gut Microbiota in Systemic Lupus Erythematosus and Correlation With Diet and Clinical Manifestations. 9,	1
408	Obesity and Gut Microbiota.	1
407	A Class IIb Bacteriocin Plantaricin NC8 Modulates Gut Microbiota of Different Enterotypes in vitro. 9,	0
406	Dietary variety relates to gut microbiota diversity and abundance in humans.	0
405	Ileal Pouch�Anal Anastomosis and Pouchitis: The Role of the Microbiota in the Pathogenesis and Therapy. 2022 , 14, 2610	
404	A prebiotic diet modulates microglial states and motor deficits in Bsynuclein overexpressing mice.	
403	The comparison of changes in fecal and mucosal microbiome in metabolic endotoxemia induced by a high-fat diet. 2022 , 102615	

402	MICROBIOME-BASED PERSONALIZED NUTRITION AS A RESULT OF THE 4.0 TECHNOLOGICAL REVOLUTION: A MINI LITERATURE REVIEW. 2022 ,	3
401	Impact of Geographical Location on the Gut Microbiota Profile in Egyptian Children with Type 1 Diabetes Mellitus: A Pilot Study. Volume 15, 6173-6187	0
400	Effects of Different Roughages on Growth Performance, Nutrient Digestibility, Ruminal Fermentation, and Microbial Community in Weaned Holstein Calves. 9,	
399	Associations of gut microbiota with dyslipidemia based on sex differences in subjects from Northwestern China. 2022 , 28, 3455-3475	0
398	Long-Term Dietary Effects on Human Gut Microbiota Composition Employing Shotgun Metagenomics Data Analysis. 2101098	0
397	Process-based modelling of microbial community dynamics in the human colon.	1
396	Impact of Nutrition, Microbiota Transplant and Weight Loss Surgery on Dopaminergic Alterations in Parkinson's Disease and Obesity. 2022 , 23, 7503	0
395	The Unique Seed Protein Composition of Quality Protein Popcorn Promotes Growth of Beneficial Bacteria From the Human Gut Microbiome. 13,	
394	Present and Future: Crosstalks Between Polycystic Ovary Syndrome and Gut Metabolites Relating to Gut Microbiota. 13,	0
393	Non-Dairy Animal Protein Consumption Is Positively Associated with Overweight and Obesity in Israeli Adolescents. 2022 , 11, 2072	0
392	Perspective: Leveraging the Gut Microbiota to Predict Personalized Responses to Dietary, Prebiotic, and Probiotic Interventions.	1
391	Circadian Rhythms Coordinated With Gut Microbiota Partially Account for Individual Differences in Hepatitis B-Related Cirrhosis. 12,	0
390	Metagenomic comparison of gut communities between hawksbills (<i>Eretmochelys imbricata</i>) and green sea turtles (<i>Chelonia mydas</i>). 2022 , 204,	
389	Psicobióticos no tratamento da depressão: um novo olhar para a saúde mental [revisão de busca sistematizada]. 125-152	
388	Dietary resistant starch ameliorating lipopolysaccharide-induced inflammation in meat ducks associated with the alteration in gut microbiome and glucagon-like peptide 1 signaling. 2022 , 13,	0
387	Alteration in Gut Microbiota Associated with Zinc Deficiency in School-Age Children. 2022 , 14, 2895	2
386	MicrobiomeGWAS: A Tool for Identifying Host Genetic Variants Associated with Microbiome Composition. 2022 , 13, 1224	0
385	Exogenous metabolite feeding on altering antibiotic susceptibility in Gram-negative bacteria through metabolic modulation: a review. 2022 , 18,	1

- 384 Capabilities of bio-binding, antioxidant and intestinal environmental repair jointly determine the ability of lactic acid bacteria to mitigate perfluorooctane sulfonate toxicity. **2022**, 166, 107388 1
- 383 Conserved developmental trajectories of the cecal microbiota of broiler chickens in a field study. 0
- 382 Microbiota and glomerulonephritis; an immunological point of view. **2022**, 0
- 381 Dysbiosis of the gut microbiota in children with severe motor and intellectual disabilities receiving enteral nutrition: A pilot study. 0
- 380 Metabolic and nutritional aspects of non-alcoholic fatty liver disease. **2022**, 18, 180-185
- 379 Role of gastrointestinal microbial populations, a terra incognita of the human body in the management of intestinal bowel disease and metabolic disorders. 1-24 0
- 378 Impact of indigenous microbiota in gut inflammatory disorders. **2022**, 179-209
- 377 Microorganisms in Pathogenesis and Management of Systemic Lupus Erythematosus (SLE). **2022**, 507-551
- 376 THE EFFECT OF PROBIOTIC SUPPLEMENT AND MICROBIOTA ON PERFORMANCE IN ATHLETES. 0
- 375 Diagnostic and prognostic biomarkers in colorectal cancer and the potential role of exosomes in drug delivery. **2022**, 110413 0
- 374 Host-microbiota interaction-mediated resistance to inflammatory bowel disease in pigs. **2022**, 10, 1
- 373 Gut microbiota profile of patients on peritoneal dialysis: comparison with household contacts. 0
- 372 Gestational weight gain and visceral adiposity in adult offspring: Is there a link with the fecal abundance of Acidaminococcus genus?. 0
- 371 Temporal Dynamics of the Intestinal Microbiome Following Short-Term Dietary Restriction. **2022**, 14, 2785 0
- 370 A complete guide to human microbiomes: Body niches, transmission, development, dysbiosis, and restoration. 2, 0
- 369 The Potential of Honey as a Prebiotic Food to Re-engineer the Gut Microbiome Toward a Healthy State. 9, 2
- 368 Microbiota responses to different prebiotics are conserved within individuals and associated with habitual fiber intake. **2022**, 10, 1
- 367 Regulatory effect of gut microbes on blood pressure. 0

366	Role of the Gut-Brain Axis, Gut Microbial Composition, Diet, and Probiotic Intervention in Parkinson's Disease. 2022 , 10, 1544	3
365	Effect of a reduced fat and sugar maternal dietary intervention during lactation on the infant gut microbiome. 13,	0
364	Gastrointestinal Biogeography of Luminal Microbiota and Short-Chain Fatty Acids in Sika Deer (<i>Cervus nippon</i>).	0
363	Therapeutic potential of Short Chain Fatty acid production by gut microbiota in Neurodegenerative disorders. 2022 ,	0
362	Longitudinal fecal microbiome and metabolite data demonstrate rapid shifts and subsequent stabilization after an abrupt dietary change in healthy adult dogs. 2022 , 4,	2
361	Evaluation and Management of Reduced Dietary Diversity in Children with Pediatric Feeding Disorder.	
360	A comprehensive evaluation of microbial differential abundance analysis methods: current status and potential solutions. 2022 , 10,	0
359	The gut microbiome molecular mimicry piece in the multiple sclerosis puzzle. 13,	1
358	The putative role of gut microbiota in cancer: Cysteine is a pivotal coin. 1,	
357	Synbiotics and Gut Microbiota: New Perspectives in the Treatment of Type 2 Diabetes Mellitus. 2022 , 11, 2438	0
356	The Impacts of The Intestinal Microbiome on The Development of Depression and Its Mechanisms. 8, 288-295	
355	Metagenome-scale community metabolic modelling for understanding the role of gut microbiota in human health. 2022 , 105997	0
354	The Effect of Short-Term Consumption of Lactic Acid Bacteria on the Gut Microbiota in Obese People. 2022 , 14, 3384	0
353	Food for healthier aging: power on your plate. 1-14	
352	Effects of Spermidine on Gut Microbiota Modulation in Experimental Abdominal Aortic Aneurysm Mice. 2022 , 14, 3349	0
351	Diet and Microbiome in Health and Aging. 2022 , 14, 3250	
350	The role of the gut microbiome in diet and exercise effects on cognition: A review of the intervention literature.	0
349	Specific enterotype of gut microbiota predicted clinical effect of methotrexate in patients with rheumatoid arthritis.	0

- 348 The Relationship Between Insomnia and Gut Microbiota. 8, 279-287
- 347 Metagenomics-based systematic analysis reveals that gut microbiota Gd-IgA1-associated enzymes may play a key role in IgA nephropathy. 9,
- 346 *Bacteroides thetaiotaomicron* outer membrane vesicles modulate virulence of *Shigella flexneri*.
- 345 Higher pathogen load in children from Mozambique vs. USA revealed by comparative fecal microbiome profiling. **2022**, 2, ○
- 344 Contribution of HLA DRB1, PTPN22, and CTLA4, to RA dysbiosis. **2022**, 105446
- 343 An Energy-Restricted Diet Including Yogurt, Fruit, and Vegetables Alleviates High-Fat Diet-Induced Metabolic Syndrome in Mice By Modulating the Gut Microbiota. ○
- 342 Dynamic alterations in the donkey fecal bacteria community and metabolome characteristics during gestation. 13, ○
- 341 Mixed silage with Chinese cabbage waste enhances antioxidant ability by increasing ascorbate and aldarate metabolism through rumen *Prevotellaceae* UCG-004 in Hu sheep. 13, ○
- 340 Oral administration of *Blautia wexlerae* ameliorates obesity and type 2 diabetes via metabolic remodeling of the gut microbiota. **2022**, 13, 3
- 339 The diagnostic potential and barriers of microbiome based therapeutics. **2022**, 1
- 338 Age as a primary driver of the gut microbial composition and function in wild harbor seals. **2022**, 12, ○
- 337 Alterations in the gastric microbiota and metabolites in gastric cancer: An update review. 12, ○
- 336 Fecal microbial signatures of healthy Han individuals from three bio-geographical zones in Guangdong. 13,
- 335 Different Intestinal Microbiota with Growth Stages of Three-Breed Hybrid Pig. **2022**, 2022, 1-9 ○
- 334 Individual Nutrition Is Associated with Altered Gut Microbiome Composition for Adults with Food Insecurity. **2022**, 14, 3407
- 333 Metagenomic study of the gut microbiota associated with cow milk consumption in Chinese peri-/postmenopausal women. 13,
- 332 Prebiotics as Adjunctive Therapy in Diabetes: A Review Prebiotics in Diabetes. **2022**, 03, 1
- 331 The role of the gut microbiota in multiple sclerosis. 1

- 330 A multi-strain probiotic blend reshaped obesity-related gut dysbiosis and improved lipid metabolism in obese children. 9,
- 329 Association of Gut Microbiota Enterotypes with Blood Trace Elements in Women with Infertility. **2022**, 14, 3195 ○
- 328 Outcomes and predictors of sustained remission after drug withdrawal in pediatric Crohn's disease. Publish Ahead of Print,
- 327 The effects of medicinal herbs on gut microbiota and metabolic factors in obesity models: A systematic review. **2022**, 16, 102586
- 326 Pectin supplementation ameliorates intestinal epithelial barrier function damage by modulating intestinal microbiota in lipopolysaccharide-challenged piglets. **2022**, 109, 109107 ○
- 325 Gut microbiota and metabolic profile as affected by Maillard reaction products derived from bighead carp meat hydrolysates with galactose and galacto-oligosaccharides during in vitro pig fecal fermentation. **2023**, 398, 133905 ○
- 324 The Burden of Carbohydrates in Health and Disease. **2022**, 14, 3809 2
- 323 Characteristics of the Gut Bacterial Composition in People of Different Nationalities and Religions. **2022**, 10, 1866 4
- 322 Human gut microbiota in health and disease: Unveiling the relationship. 13, 3
- 321 Modulatory role of gut microbiota in cholesterol and glucose metabolism: Potential implications for atherosclerotic cardiovascular disease. **2022**, 359, 1-12 ○
- 320 Gut Microbiome Influence on Human Epigenetics, Health, and Disease. **2023**, 669-686 ○
- 319 Effects of resistant starch III on the serum lipid levels and gut microbiota of Kunming mice under high-fat diet. **2023**, 12, 575-583 ○
- 318 Artificial simulated saliva, gastric and intestinal digestion and fermentation in vitro by human gut microbiota of intrapolymer from *Paecilomyces cicadae* TJJ1213. **2023**, 12, 622-633 ○
- 317 Gut Microbiota Regulation of Cerebral Stroke. **2022**, 47-70 ○
- 316 Recycling source-separated human faeces. **2022**, 341-352 ○
- 315 Structure, functions, and diversity of the healthy human microbiome. **2022**, ○
- 314 Impact of early nutrition on gut microbiota: Effects on immunity and long-term health. **2022**, 229-256 ○
- 313 The Factors Influencing Gut Microbiota in Autoimmune Diseases. **2022**, 69-90 ○

312	Impact of the gut microbiome on human health and diseases. 2022 , 25-40	0
311	Use of polyunsaturated fatty acids in prevention and treatment of gastrointestinal diseases, obesity and cancer. 2022 , 68, 76-85	0
310	Distinct colon mucosa microbiomes associated with tubular adenomas and serrated polyps. 2022 , 8,	1
309	The Microbiome-Immune Axis Therapeutic Effects in Cancer Treatments. 2022 , 32, 1086-1097	0
308	Meta-analysis identifies common gut microbiota signatures in patients with multiple sclerosis.	0
307	Diet-microbiome-gut-brain nexus in acute and chronic brain injury. 16,	0
306	High throughput genome scale modeling predicts microbial vitamin requirements contribute to gut microbiome community structure. 2022 , 14,	0
305	Ca:Mg ratio, medium-chain fatty acids, and the gut microbiome. 2022 ,	0
304	Potential associations between alterations in gut microbiome and obesity-related traits after the bariatric surgery.	0
303	Perspectives on Inequity and Health Disparities in Chile and Their Relationship to Microbial Ecology.	0
302	The neurovascular unit and systemic biology in stroke ¶ Implications for translation and treatment. 2022 , 18, 597-612	0
301	Markers of Bacterial Translocation in Type 2 Diabetes Mellitus. 2023 , 923-945	0
300	Diet-driven microbial ecology underpins associations between cancer immunotherapy outcomes and the gut microbiome.	5
299	Phenolic Compounds Present in Yerba Mate Potentially Increase Human Health: A Critical Review.	0
298	Correlation and Influence of Seasonal Variation of Diet with Gut Microbiota Diversity and Metabolism Profile of Chipmunk. 2022 , 12, 2586	0
297	Early Life Polychlorinated Biphenyl 126 Exposure Disrupts Gut Microbiota and Metabolic Homeostasis in Mice Fed with High-Fat Diet in Adulthood. 2022 , 12, 894	0
296	Bacteroides thetaiotaomicron Outer Membrane Vesicles Modulate Virulence of Shigella flexneri.	0
295	Diet fuelling inflammatory bowel diseases: preclinical and clinical concepts. gutjnl-2021-326575	3

294	Long term weight cycling affects fecal microbiota of mice. 2200439	0
293	Successful Dietary Therapy in Paediatric Crohn's Disease is Associated with Shifts in Bacterial Dysbiosis and Inflammatory Metabotype Towards Healthy Controls.	1
292	Replacing saturated fatty acids with polyunsaturated fatty acids increases the abundance of Lachnospiraceae and is associated with reduced total cholesterol levels in randomized controlled trial in healthy individuals. 2022, 21,	2
291	Onset of Ulcerative Colitis in a Patient with Type 2 Diabetes: Efficacy of a Plant-Based Diet for Both Diseases. 2022, 4, 223-229	0
290	Limited microbiome differences in captive and semi-wild primate populations consuming similar diets. 2022, 98,	1
289	Advancing human gut microbiota research by considering gut transit time. gutjnl-2022-328166	3
288	The Enigma of <i>Prevotella copri</i> . 2022, 64-68	0
287	Diet drives the gut microbiome composition and assembly processes in winter migratory birds in the Poyang Lake wetland, China. 13,	0
286	The gut mycobiome in health, disease, and clinical applications in association with the gut bacterial microbiome assembly. 2022,	3
285	The Use of Gut Microbial Modulation Strategies as Interventional Strategies for Ageing. 2022, 10, 1869	1
284	The local tumor microbiome is associated with survival in late-stage colorectal cancer patients.	0
283	High-Throughput Sequencing Reveals the Effect of Feeding on Overwintering <i>Hirudo nipponia</i> . 2022, 14, 768	0
282	Gut microbiota and growth performance of offspring are influenced by wet nurse in pigs using cross-fostering trial.	0
281	Multi-omics analysis reveals the host-microbe interactions in aged rhesus macaques. 13,	0
280	Cross-sectional Human Observational Study of Energy and Nutrient Intake and the Intestinal Microbiome (Preprint).	0
279	Gut microbiota dysbiosis induced by a high-fat diet increases susceptibility to atrial fibrillation. 2022,	1
278	Does the Gut Microbial Metabolome Really Matter? The Connection between GUT Metabolome and Neurological Disorders. 2022, 14, 3967	3
277	Effect of various types of gut microbiota in patients on the diminished ovarian reserve.	0

276	Mendelian randomization analyses reveal causal relationships between the human microbiome and longevity.	0
275	Mixed Tree Nuts, Cognition and Gut Microbiota: a 4-week, Placebo-Controlled, Randomized Crossover Trial in Healthy Non-Elderly Adults.	0
274	Rural environment reduces allergic inflammation by modulating the gut microbiota. 2022 , 14,	2
273	The effects of fermented vegetable consumption on the composition of the intestinal microbiota and levels of inflammatory markers in women: A pilot and feasibility study. 2022 , 17, e0275275	0
272	Rat offspring's microbiota composition is predominantly shaped by the postnatal maternal diet rather than prenatal diet. 2022 , 113987	0
271	Diagnosis and Classification of Fistula from Inflammatory Bowel Disease and Inflammatory Bowel Disease-Related Surgery. 2022 , 32, 631-650	1
270	Aberrant BCAA Accumulation along the Microbiota-Gut-Brain Axis:Crucial Targets Affecting the Occurrence and Treatment of Ischemic Stroke.	1
269	Inflammatory bowel disease - A peek into the bacterial community shift and algae-based Biotic approach to combat the disease. 2022 , 129, 210-220	1
268	Gut bacteria comparison between wild and captive neotropical otters. 2020 , 25, 359-384	1
267	The gut microbiome in health and disease: Inflammatory bowel diseases. 2022 ,	0
266	Dietary modulation of inflammation. 2022 ,	0
265	Gut Microbiota in Nutrition and Health with a Special Focus on Specific Bacterial Clusters. 2022 , 11, 3091	1
264	Gut Microbial Metabolite Trimethylamine-N-Oxide and its Role in Cardiovascular Diseases.	0
263	Gut Microbiome Changes in Gestational Diabetes. 2022 , 23, 12839	3
262	Interactions between Gut Microbiota and Polyphenols: New Insights into the Treatment of Fatigue. 2022 , 27, 7377	0
261	Low-carbohydrate hypo calorie diet has a beneficial effect on gut phyla and metabolic markers in healthy women with obesity: A randomized crossover study. 2022 , 35, 100461	0
260	Diet Influences Immunotherapy Outcomes in Cancer Patients: A Literature Review. 1-15	0
259	Elucidating the gut microbiome alterations of tribal community of Arunachal Pradesh: perspectives on their lifestyle or food habits. 2022 , 12,	0

- 258 Effects of captive and primate-focused tourism on the gut microbiome of Tibetan macaques. 13, 0
- 257 A new method for mining information of gut microbiome with probabilistic topic models. 0
- 256 Enterotypes in asthenospermia patients with obesity. **2022**, 12, 0
- 255 Supplemental dietary Selenohomolanthionine affects growth and rumen bacterial population of Shaanbei white cashmere wether goats. 13, 0
- 254 11. Food microbiology. **2022**, 215-245 0
- 253 *Helichrysum italicum* (Roth) G. Don and *Helichrysum arenarium* (L.) Moench Infusion Consumption Affects the Inflammatory Status and the Composition of Human Gut Microbiota in Patients with Traits of Metabolic Syndrome: A Randomized Comparative Study. **2022**, 11, 3277 1
- 252 High-Density Lipoprotein Cholesterol as a Potential Medium between Depletion of Lachnospiraceae Genera and Hypertension under a High-Calorie Diet. 1
- 251 Process-based modelling of microbial community dynamics in the human colon. **2022**, 19, 0
- 250 Infant behavioral state and stool microbiome in infants receiving *Lactocaseibacillus rhamnosus* GG in formula: randomized controlled trial. **2022**, 22, 1
- 249 FABP4 in Paneth cells regulates antimicrobial protein expression to reprogram gut microbiota. **2022**, 14, 0
- 248 The Faecal Microbiome of the Wild European Badger *Meles meles*: A Comparison Against Other Wild Omnivorous Mammals from Across the Globe. **2022**, 79, 0
- 247 2?-Fucosyllactose Remits Colitis-Induced Liver Oxygen Stress through the Gut-Liver Metabolites Axis. **2022**, 14, 4186 0
- 246 Effects of Soybean Meal Fermented by *Enterococcus Faecium* as a Replacement for Soybean Meal Could Improve the Growth Performance and Nutrient Digestibility by Modulating the Gut Microbiome of Weaning piglets. 0
- 245 Associations of the skin, oral and gut microbiome with aging, frailty and infection risk reservoirs in older adults. **2022**, 2, 941-955 0
- 244 Comparison of microbial signatures between paired faecal and rectal biopsy samples from healthy volunteers using next-generation sequencing and culturomics. **2022**, 10, 0
- 243 Amoxicillin modulates gut microbiota to improve short-term high-fat diet induced pathophysiology in mice. **2022**, 14, 0
- 242 In vitromodelling of oral microbial invasion in the human colon. 0
- 241 Fecal microbiota dynamics and its relationship to diarrhea and health in dairy calves. **2022**, 13, 0

240	A one month high fat diet disrupts the gut microbiome and integrity of the colon inducing adiposity and behavioral despair in male Sprague Dawley rats. 2022 , e11194	1
239	Co-fermented yellow wine lees by <i>Bacillus subtilis</i> and <i>Enterococcus faecium</i> regulates growth performance and gut microbiota in finishing pigs. 13,	0
238	Long-term life history predicts current gut microbiome in a population-based cohort study. 2022 , 2, 885-895	0
237	Personalized nutrition, microbiota, and metabolism: A triad for eudaimonia. 9,	0
236	Gut-liver axis: Pathophysiological concepts and clinical implications. 2022 , 34, 1700-1718	4
235	Bittersweet: artificial sweeteners and the gut microbiome.	0
234	A Mechanistic Overview on Impact of Dietary Fibres on Gut Microbiota and Its Association with Colon Cancer. 2022 , 1, 182-202	1
233	Gut colonization by Proteobacteria alters host metabolism and modulates cocaine neurobehavioral responses. 2022 ,	2
232	Sampling from four geographically divergent young female populations demonstrates forensic geolocation potential in microbiomes. 2022 , 12,	1
231	Interaction of microbiome and immunity in tumorigenesis and clinical treatment. 2022 , 156, 113894	0
230	Clustering multivariate count data via Dirichlet-multinomial network fusion. 2023 , 179, 107634	0
229	Farmen i tarmen DEL 1 AV 2. 2017 , 15, 14-22	0
228	Precision Nutrition from the View of the Gut Microbiome. 2022 , 67-96	0
227	Future of the Allergists and Allergen Specific Immunotherapy (FASIT) Meets EACCI. 36-44	0
226	Diet and Disease Activity in Patients with Axial Spondyloarthritis: SpondyloArthritis and NUTrition Study (SANUT). 2022 , 14, 4730	0
225	The Role of the Gut Microbiota in the Relationship Between Diet and Human Health. 2023 , 85,	0
224	Effect of two-week red beetroot juice consumption on modulation of gut microbiota in healthy human volunteers in a pilot study. 2022 , 134989	1
223	Beneficial effect of the short-chain fatty acid propionate on vascular calcification through intestinal microbiota remodelling. 2022 , 10,	0

222	The Effects of Dietary <i>Bacillus amyloliquefaciens</i> TL106 Supplementation, as an Alternative to Antibiotics, on Growth Performance, Intestinal Immunity, Epithelial Barrier Integrity, and Intestinal Microbiota in Broilers. 2022 , 12, 3085	2
221	Dynamic alterations in yak (<i>Bos grunniens</i>) rumen microbiome in response to seasonal variations in diet.	0
220	Dietary supplementation with <i>Tolypocladium sinense</i> mycelium prevents dyslipidemia inflammation in high fat diet mice by modulation of gut microbiota in mice. 13,	0
219	Relationships between dietary diversity and gut microbial diversity in the elderly. 1-12	0
218	Minimal Influence of Cayenne Pepper on the Human Gastrointestinal Microbiota and Intestinal Inflammation in Healthy Adult Humans: A Pilot Study. 2022 , 12, 1849	0
217	Isomaltooligosaccharides Sustain the Growth of <i>Prevotella</i> Both In Vitro and in Animal Models.	0
216	Following the Indian Immigrant: adoption of westernization results in a western gut microbiome and an increased risk of inflammatory bowel diseases.	0
215	A prebiotic diet modulates microglial states and motor deficits in <i>β</i> -synuclein overexpressing mice. 11,	0
214	Role of Probiotics and Diet in the Management of Neurological Diseases and Mood States: A Review. 2022 , 10, 2268	3
213	EFFECTS OF SOME POPULAR DIETS ON IMMUNITY.	0
212	The Microbial and Metabolic Signatures of Patients with Stable Coronary Artery Disease.	1
211	The Pivotal Role of the Gut Microbiome in Colorectal Cancer. 2022 , 11, 1642	2
210	The Baseline Gut Microbiota Enterotype Directs Lifestyle-Induced Amelioration of Pollen Allergy Severity: A Self Controlled Case-Series Study. 2022 , 2, 905-920	0
209	Effects of vegetation type differences induced by human disturbance on the nutrition strategy and gut microbiota of Siberian roe deer.	0
208	Personalized Diets based on the Gut Microbiome as a Target for Health Maintenance: from Current Evidence to Future Possibilities. 2022 ,	1
207	Mechanistic Study of Coffee Effects on Gut Microbiota and Motility in Rats. 2022 , 14, 4877	0
206	The Kitty Microbiome Project: Defining the Healthy Fecal Core Microbiome in Pet Domestic Cats. 2022 , 9, 635	0
205	Species-Specific Patterns of Gut Metabolic Modules in Dutch Individuals with Different Dietary Habits.	0

204	Effects of Soybean Meal Fermented by Enterococcus Faecium as a Replacement for Soybean Meal Could Improve the Growth Performance and Apparent Total Tract Digestibility by Modulating the Gut Microbiome of Weaning piglets.	0
203	Interplay of dietary antioxidants and gut microbiome in human health: What has been learnt thus far?. 2023 , 100, 105365	1
202	Understanding interactions among diet, host and gut microbiota for personalized nutrition. 2023 , 312, 121265	1
201	The microbiota and metabolites during the fermentation of intact plant cells depend on the content of starch, proteins and lipids in the cells. 2023 , 226, 965-973	0
200	Meta-analysis of the gut microbiota alterations in patients with gastric cancer in China. 2023 , 15, 100069	0
199	In vitro fermentation of heparin by the human gut microbiota: Changes in the microbiota community and metabolic functions. 2023 , 406, 135010	0
198	The role of the gut microbiome in colonization resistance and recurrent Clostridioides difficile infection. 2022 , 15, 175628482211343	0
197	Bayesian Balance Mediation Analysis in Microbiome Studies. 2022 , 237-254	0
196	Robust Self-Tuning Semiparametric PCA for Contaminated Elliptical Distribution. 2022 , 1-14	0
195	Identification of key bacterial taxa and metabolic pathways affecting gut organic acid profiles in early life. 2021 , 32, 107-118	0
194	Potential of Gut Microbe-Derived Extracellular Vesicles to Differentiate Inflammatory Bowel Disease Patients from Healthy Controls. 2022 ,	0
193	Comparative Study of the Gut Microbiota Community between the Farmed and Wild Mastacembelus armatus (Zig-Zag Eel). 2022 , 12, 1193	0
192	Gut Microbiota and Cardiovascular System: An Intricate Balance of Health and the Diseased State. 2022 , 12, 1986	2
191	Relationship between Dietary Inflammatory Index and Postpartum Depression in Exclusively Breastfeeding Women. 2022 , 14, 5006	0
190	New prebiotic index of foods based on gut microbiome health index (GMHI) using case studies of commercial prebiotics analyzed by in vitro fecal fermentation.	0
189	Analysis of the gut microbiome in obese native Tibetan children living at different altitudes: A case-control study. 10,	0
188	Anti-inflammatory mechanisms of polyphenols in adipose tissue inflammation: Role of gut microbiota, intestinal barrier integrity and zinc homeostasis. 2022 , 109242	1
187	Fecal Bacterial Community and Metagenome Function in Asians with Type 2 Diabetes, According to Enterotypes. 2022 , 10, 2998	0

186	Enterotypical Prevotella and three novel bacterial biomarkers in preoperative stool predict the clinical outcome of colorectal cancer. 2022 , 10,	0
185	Diet standardization reduces intra-individual microbiome variation. 2022 , 14,	0
184	Machine learning for data integration in human gut microbiome. 2022 , 21,	1
183	The central role of the gut in intensive care. 2022 , 26,	0
182	Physical activity and diet associations with the gut microbiota in the Coronary Artery Risk Development in Young Adults (CARDIA) study. 2022 ,	0
181	Microbiota of the Colonic Diverticula in the Complicated Form of Diverticulitis: A Case Report. 2022 , 12, 2129	0
180	Systematic evaluation of genome-wide metabolic landscapes in lactic acid bacteria reveals diet- and strain-specific probiotic idiosyncrasies. 2022 , 41, 111735	0
179	Longitudinal Study of the Effects of Flammulina velutipes Stipe Wastes on the Cecal Microbiota of Laying Hens.	0
178	Ethnicity Associated Microbial and Metabonomic Profiling in Newly Diagnosed Ulcerative Colitis. Volume 15, 199-212	0
177	Bioactive dietary components Anti-obesity effects related to energy metabolism and inflammation.	1
176	Advancement in Therapeutic Intervention of Prebiotic-Based Nanoparticles for Colonic Diseases. Volume 17, 6639-6654	0
175	Oral and Gut Microbiome Alterations in Heart Failure: Epidemiology, Pathogenesis and Response to Advanced Heart Failure Therapies.. 2022 ,	0
174	Epigenetics in depression and gut-brain axis: A molecular crosstalk. 14,	3
173	Gut microbiome composition is similar between pregnant women with excess body fat with healthy and less healthy dietary intake patterns.	1
172	Assessment of Dietary Adequacy and Quality in a Sample of Patients with Crohn's Disease. 2022 , 14, 5254	0
171	The gut microbiome: linking dietary fiber to inflammatory diseases. 2022 , 14, 100070	0
170	Short Chain Fatty Acid Metabolism in Relation to Gut Microbiota and Genetic Variability. 2022 , 14, 5361	3
169	The gut microbiota as a target to improve health conditions in a confined environment. 13,	0

168	Homeostasis and Dysbiosis of the Intestinal Microbiota: Comparing Hallmarks of a Healthy State with Changes in Inflammatory Bowel Disease. 2022 , 10, 2405	2
167	Stem Cell therapy in combination with naturopathy: Current progressive management of diabetes and associated complications. 2022 , 23,	0
166	Health Benefits of High Protein and Dietary Fiber Dry-Fractionated Brewery Spent Grain Fines. 2022 , 2, 1870-1878	0
165	Cognitive, Emotional, Behavioral and Physiological Evaluation of the Relationship Between Brain and Gut Microbiota. 2022 , 14, 446-459	0
164	The Role of the Gut Microbiome in Pediatric Obesity and Bariatric Surgery. 2022 , 23, 15421	0
163	Modulation of adipose tissue metabolism by microbial-derived metabolites. 13,	0
162	Lifestyle factors for the prevention of inflammatory bowel disease. gutjnl-2022-328174	0
161	Foods may modify responsiveness to cancer immune checkpoint blockers by altering both the gut microbiota and activation of estrogen receptors in immune cells. 1,	0
160	Stochastic variational variable selection for high-dimensional microbiome data. 2022 , 10,	0
159	A Non-Randomized Trial Investigating the Impact of Brown Rice Consumption on Gut Microbiota, Attention, and Short-Term Working Memory in Thai School-Aged Children. 2022 , 14, 5176	0
158	The protective effect of Buzhong Yiqi decoction on ischemic stroke mice and the mechanism of gut microbiota. 16,	0
157	Healthy dietary patterns are associated with the gut microbiome in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). 2022 ,	0
156	Multi-Task Learning for Compositional Data via Sparse Network Lasso. 2022 , 24, 1839	0
155	Associations Between the Gut Microbiota, Urinary Metabolites, and Diet in Women During the Third Trimester of Pregnancy. 2022 , 100025	1
154	Stool energy density is positively correlated to intestinal transit time and related to microbial enterotypes. 2022 , 10,	0
153	Dietary Fiber Intake and Gut Microbiota in Human Health. 2022 , 10, 2507	0
152	Effects of enhanced insect feeding on the faecal microbiota and transcriptome of a family of captive common marmosets (<i>Callithrix jacchus</i>). 2022 , 17, e0279380	0
151	Associations of dietary intake with the intestinal microbiota and short-chain fatty acids among young adults with type 1 diabetes and overweight or obesity. 2022 ,	0

150	Intermittent Protein Diets Alter Hepatic Lipid Accumulation by Changing Tryptophan Metabolism in a Fast-Response Manner.	0
149	Over-optimism in unsupervised microbiome analysis: Insights from network learning and clustering. 2023 , 19, e1010820	1
148	Characteristics of the gut microbiome in esports players compared with those in physical education students and professional athletes. 9,	1
147	Diet-induced gut dysbiosis and inflammation: Key drivers of obesity-driven NASH. 2023 , 26, 105905	1
146	Differences in dietary patterns related to metabolic health by gut microbial enterotypes of Korean adults. 9,	0
145	Traditional Chinese medicine improves myasthenia gravis by regulating the symbiotic homeostasis of the intestinal microbiota and host. 13,	1
144	Amelioration of cognitive impairment using epigallocatechin-3-gallate in ovariectomized mice fed a high-fat diet involves remodeling with Prevotella and Bifidobacteriales. 13,	0
143	Omega-3 polyunsaturated fatty acids ameliorate PM2.5 exposure induced lung injury in mice through remodeling the gut microbiota and modulating the lung metabolism.	0
142	Assembly of gut-derived bacterial communities follows 'early-bird' resource utilization dynamics.	0
141	Current progress and critical challenges to overcome in the bioinformatics of mass spectrometry-based metaproteomics. 2023 ,	0
140	Multi-Omics Data Analysis for Inflammation Disease Research: Correlation Analysis, Causal Analysis and Network Analysis. 2023 , 101-118	0
139	Ageing Gut Microbiota and Colorectal Cancer Pathways Correlations 2023 , 335-354	0
138	A Review of the Relationship between Gut Microbiome and Obesity. 2023 , 13, 610	1
137	The Emerging Role of the Gut Virome in Health and Inflammatory Bowel Disease: Challenges, Covariates and a Viral Imbalance. 2023 , 15, 173	0
136	Fecal microbiota and inflammatory and antioxidant status of obese and lean dogs, and the effect of caloric restriction. 13,	0
135	Role of oral and gut microbiota in childhood obesity.	0
134	Red and White Meat Intake in Relation to Gut Flora in Obese and Non-Obese Arab Females. 2023 , 12, 245	0
133	The Interaction between Flavonoids and Intestinal Microbes: A Review. 2023 , 12, 320	1

- 132 Different living environments drive deterministic microbial community assemblages in the gut of Alpine musk deer (*Moschus chrysogaster*). 13, 0
- 131 Advances in *Lactobacillus* Restoration for β -Lactam Antibiotic-Induced Dysbiosis: A System Review in Intestinal Microbiota and Immune Homeostasis. **2023**, 11, 179 0
- 130 Characterization of the Gut Microbiota in Urban Thai Individuals Reveals Enterotype-Specific Signature. **2023**, 11, 136 0
- 129 Fructooligosaccharides (FOS) differentially modifies the in vitro gut microbiota in an age-dependent manner. 9, 0
- 128 Microbial Enterotypes Shape the Divergence in Gut Fermentation, Host Metabolism, and Growth Rate of Young Goats. 0
- 127 Fecal microbiota transplantation reverses insulin resistance in type 2 diabetes: A randomized, controlled, prospective study. 12, 0
- 126 Grain, Gluten, and Dietary Fiber Intake Influence Gut Microbial Diversity: Data from the Food and Microbiome Longitudinal Investigation. **2023**, 3, 43-53 0
- 125 Diet-mediated gut microbial community modulation and signature metabolites as potential biomarkers for early diagnosis, prognosis, prevention and stage-specific treatment of colorectal cancer. **2022**, 0
- 124 Dietary Considerations for Inflammatory Bowel Disease Are Useful for Treatment of Checkpoint Inhibitor-Induced Colitis. **2023**, 15, 84 0
- 123 ??????????. **2022**, 56, 243-244 0
- 122 Monkfish (*Lophius litulon*) Peptides Ameliorate High-Fat-Diet-Induced Nephrotoxicity by Reducing Oxidative Stress and Inflammation via Regulation of Intestinal Flora. **2023**, 28, 245 1
- 121 Effects of different foods and cooking methods on the gut microbiota: an in vitro approach. 0
- 120 Gut microbe *Lactiplantibacillus plantarum* undergoes different evolutionary trajectories between insects and mammals. **2022**, 20, 1
- 119 Current Nutritional Therapies in Inflammatory Bowel Disease: Improving Clinical Remission Rates and Sustainability of Long-Term Dietary Therapies. **2023**, 15, 668 0
- 118 Gut Microbiome Associated With Graves Disease and Graves Orbitopathy: The INDIGO Multicenter European Study. 1
- 117 Mixed Nuts as Healthy Snacks: Effect on Tryptophan Metabolism and Cardiovascular Risk Factors. **2023**, 15, 569 0
- 116 Dietary Intake and Systemic Inflammation: Can We Use Food as Medicine?. 1
- 115 Capturing the dynamics of microbiomes using individual-specific networks. 0

- 114 Understanding the role of the gut microbiome in gastrointestinal cancer: A review. 14, 0
- 113 Relationship between Diet Quality and Maternal Stool Microbiota in the MUMS Australian Pregnancy Cohort. **2023**, 15, 689 0
- 112 Resistant starch utilization by Bifidobacterium, the beneficial human gut bacteria. 0
- 111 Methodological bases for assessing the nutritional behavior of the population and the intensity of systemic inflammation. **2023**, 26, 120 0
- 110 Metagenomic analysis of Pigs Faecal microbiome and its functional response associated with dietary fibre. 0
- 109 Gut Microbiota of the Asian-Indian Type 2 Diabetes Phenotype: How Different It Is from the Rest of the World?. 0
- 108 Inflammatory Response: A Crucial Way for Gut Microbes to Regulate Cardiovascular Diseases. **2023**, 15, 607 2
- 107 The Role of Gut Dysbiosis and Potential Approaches to Target the Gut Microbiota in Multiple Sclerosis. **2023**, 37, 117-132 0
- 106 Crosstalk between Gut Microbiota and Host Immunity: Impact on Inflammation and Immunotherapy. **2023**, 11, 294 1
- 105 Analysis of the mechanism of action of quercetin in the treatment of hyperlipidemia based on metabolomics and intestinal flora. 0
- 104 Evaluation of the impact of unhealthy nutrition on the intestinal microbiota, mitochondrial function and the formation of multiple organ metabolic syndrome, ways of correction. **2023**, 19, 280-291 0
- 103 Host Factors Associated with Gut Mycobiome Structure. 1
- 102 Matrix-entrapped fibers create ecological niches for gut bacterial growth. **2023**, 13, 0
- 101 Understanding the impact of radical changes in diet and the gut microbiota on brain function and structure: rationale and design of the EMBRACE study. **2023**, 0
- 100 Association between the Inflammatory Potential of the Diet and Biological Aging: A Cross-Sectional Analysis of 4510 Adults from the Moli-Sani Study Cohort. **2023**, 15, 1503 0
- 99 The role of the gut microbiome and its metabolites in cerebrovascular diseases. 14, 0
- 98 The Potential Cardiometabolic Effects of Long-Chain Omega-3 Polyunsaturated Fatty Acids: Recent Updates and Controversies. **2023**, 0
- 97 In Vitro Modelling of Oral Microbial Invasion in the Human Colon. **2023**, 11, 0

- 96 Joint Microbiota Activity and Dietary Assessment through Urinary Biomarkers by LC-MS/MS. **2023**, 15, 1894 ○
- 95 Effects of dragon fruit oligosaccharides on immunity, gut microbiome, and their metabolites in healthy adults [A randomized double-blind placebo controlled study. **2023**, 167, 112657 ○
- 94 Cordyceps militaris polysaccharide alleviates ovalbumin-induced allergic asthma through the Nrf2/HO-1 and NF- κ B signaling pathways and regulates the gut microbiota. **2023**, 238, 124333 ○
- 93 The Microbiome and Central Nervous System Tumors. **2023**, 3, 97-105 ○
- 92 Gut microbiota axis: potential target of phytochemicals from plant-based foods. **2023**, 12, 1409-1426 ○
- 91 Konjac-mulberry leaf compound powder alleviates OVA-induced allergic rhinitis in BALB/c mice. **2023**, 12, 1674-1682 ○
- 90 Effects of an inulin fiber diet on the gut microbiome, colon, and inflammatory biomarkers in aged mice. **2023**, 176, 112164 ○
- 89 A review on Impact of dietary interventions, drugs, and traditional herbal supplements on the gut microbiome. **2023**, 271, 127346 ○
- 88 Microorganisms in the Pathogenesis and Management of Crohn's Disease (CD). **2022**, 255-269 ○
- 87 Microorganisms in Pathogenesis and Management of Multiple Sclerosis (MS). **2022**, 151-175 ○
- 86 Early response of the gut microbiome and serum metabolites to Cheonggukjang intake in healthy Korean subjects. **2023**, 101, 105420 ○
- 85 Possibilities of Autologous Fecal Microbiota Transplantation in patients with obesity and diabetes mellitus. **2023**, 19, 300-305 ○
- 84 Effects of a high-prebiotic diet versus probiotic supplements versus synbiotics on adult mental health: The Gut Feelings [randomised controlled trial. 16, 1 ○
- 83 Interaction between gut microbiota and sex hormones and their relation to sexual dimorphism in metabolic diseases. **2023**, 14, 1 ○
- 82 The cecal ecosystem is a great contributor to intramuscular fat deposition in broilers. **2023**, 102, 102568 ○
- 81 The diet rapidly and differentially affects the gut microbiota and host lipid mediators in a healthy population. **2023**, 11, 1 ○
- 80 Gut microbiota of white-headed black langurs (*Trachypithecus leucocephalus*) in responses to habitat fragmentation. 14, 1 ○
- 79 A network meta-analysis on comparison of invasive and non-invasive sampling methods to characterize intestinal microbiota of birds. **2023**, 14, 100086 ○

- 78 The emerging role of nutritional support in the supportive care of pediatric patients undergoing hematopoietic stem cell transplantation. 10, ○
- 77 Intestinales Mikrobiom und Schleimhautbarriere. **2023**, 10, 28-38 ○
- 76 Gut Microbiome Composition Reveals the Distinctiveness between the Bengali people and the Indigenous Ethnicities in Bangladesh. ○
- 75 Immunmodulation durch Ernährung bei kritisch kranken Patienten. **2023**, 72, 229-244 ○
- 74 Exploring the causal effects of the gut microbiome on serum lipid levels: A two-sample Mendelian randomization analysis. 14, ○
- 73 Assessment of Energy and Nutrient Intake and the Intestinal Microbiome (ErNst Study): Protocol and Methods of a Cross-sectional Human Observational Study. 12, e42529 ○
- 72 Seasonal variations in the gut microbiota of white-headed black langur (*Trachypithecus leucocephalus*) in a limestone forest in Southwest Guangxi, China. 11, ○
- 71 Resilience and stability of the CF- intestinal and respiratory microbiome during nutritional and exercise intervention. **2023**, 23, ○
- 70 The immune-supportive diet in allergy management: A narrative review and proposal. ○
- 69 Gut microbiota-mediated metabolism of green tea catechins and the biological consequences: An updated review. 1-18 ○
- 68 The Gut-Prostate Axis: A New Perspective of Prostate Cancer Biology through the Gut Microbiome. **2023**, 15, 1375 ○
- 67 Diet Quality and the Fecal Microbiota in Adults in the American Gut Project. **2023**, ○
- 66 Differences in clinical features and gut microbiota between individuals with methamphetamine casual use and methamphetamine use disorder. 13, ○
- 65 Gut Microbiota Dysbiosis Ameliorates in LNK-Deficient Mouse Models with Obesity-Induced Insulin Resistance Improvement. **2023**, 12, 1767 ○
- 64 Incorporation of Plant-Based Diet Surpasses Current Standards in Therapeutic Outcomes in Inflammatory Bowel Disease. **2023**, 13, 332 ○
- 63 Gut microbiota composition alteration analysis and functional categorization in children with growth hormone deficiency. 11, ○
- 62 Age-Dependent and Body Composition-Dependent Association of Child Gut Microbial Enterotype With Puberty Timing: A Chinese Cohort. ○
- 61 The emerging roles of bacterial proteases in intestinal diseases. **2023**, 15, ○

- 60 Alteration of the Gut Microbiota in Missed Abortion. ○
- 59 Dietary Therapies for Inflammatory Bowel Disease. **2023**, 521-537 ○
- 58 The Gut Microbiota and Inflammatory Bowel Disease. **2023**, 49-59 ○
- 57 Distance-Based Regression Analysis for Measuring Associations. **2023**, 36, 393-411 ○
- 56 Diets, Gut Microbiota and Metabolites. ○
- 55 The gut microbiota links disease to human genome evolution. **2023**, ○
- 54 Serum-Derived Bovine Immunoglobulin Stimulates SCFA Production by Specific Microbes in the Ex Vivo SIFR Technology. **2023**, 11, 659 ○
- 53 Effects of fermented soybean meal supplementation on the growth performance and apparent total tract digestibility by modulating the gut microbiome of weaned piglets. **2023**, 13, ○
- 52 Letter to the editor: Comment on The effects of aronia berry (poly)phenol supplementation on arterial function and the gut microbiome in middle aged men and women: Results from a randomized controlled trial **2023**, ○
- 51 Defecation status, intestinal microbiota, and habitual diet are associated with the fecal bile acid composition: a cross-sectional study in community-dwelling young participants. ○
- 50 Reply letter to editor - The effects of aronia berry (poly)phenol supplementation on arterial function and the gut microbiome in middle aged men and women. **2023**, ○
- 49 The influence of early life exposures on the infant gut virome. ○
- 48 A Bayesian zero-inflated Dirichlet-multinomial regression model for multivariate compositional count data. ○
- 47 Short-chain fatty acids as a link between diet and cardiometabolic risk: a narrative review. **2023**, 22, ○
- 46 Effects of Consuming Fermented Fish (Surströmming) on the Fecal Microflora in Healthy Individuals. **2023**, 26, 185-192 ○
- 45 One Health Assessment of an Urban Temporary Settlement Reveals Gut Microbiome Serving as Antimicrobial Resistance Gene Reservoir. ○
- 44 NEMoE: a nutrition aware regularized mixture of experts model to identify heterogeneous diet-microbiome-host health interactions. **2023**, 11, ○
- 43 Perturbation and resilience of the gut microbiome up to three months after β -lactams exposure in healthy volunteers suggest an important role of endogenous β -lactamases. ○

- 42 Probiotics and Prebiotics as Dietary Supplements for the Adjunctive Treatment of Type 2 Diabetes. **2023**, 72, 3-9 ○
- 41 Cardiometabolic health, diet and the gut microbiome: a meta-omics perspective. **2023**, 29, 551-561 ○
- 40 Combing fecal microbial community data to identify consistent obesity-specific microbial signatures and shared metabolic pathways. **2023**, 26, 106476 ○
- 39 The Role of Diet on the Gut Microbiome, Mood and Happiness. ○
- 38 Estradiol-mediated protection against high-fat diet induced anxiety and obesity is associated with changes in the gut microbiota in female mice. **2023**, 13, ○
- 37 Gut microbiota and fecal short chain fatty acids differ with adiposity and country of origin: The METS-Microbiome Study. ○
- 36 Intestinal Microbiomics in Physiological and Pathological Conditions. ○
- 35 Estimation of Interaction and Growth Parameters to Develop a Computational Model for Gut Bacteria. ○
- 34 Impact of High Salt-Intake on a Natural Gut Ecosystem in Wildling Mice. **2023**, 15, 1565 ○
- 33 Gut Microbiota and Its Role in Anti-aging Phenomenon: Evidence-Based Review. ○
- 32 Physiological, metabolic and microbial responses to obesogenic cafeteria diet in rats: The impact of strain and sex. **2023**, 117, 109338 ○
- 31 A Systematic Review on the Association between Obesity and Mood Disorders and the Role of Gut Microbiota. **2023**, 13, 488 ○
- 30 Mendelian randomization analyses reveal causal relationships between the human microbiome and longevity. **2023**, 13, ○
- 29 Dietary supplementation with a complex of cinnamaldehyde, carvacrol, and thymol negatively affects the intestinal function in LPS-challenged piglets. 10, ○
- 28 Influence of food-derived bioactives on gut microbiota compositions and their metabolites by focusing on neurotransmitters. ○
- 27 Effects of Tiaopi Xiezhuo decoction on constipation and gut dysbiosis in patients with peritoneal dialysis. **2023**, 61, 531-540 ○
- 26 Effects of OsomeFood Clean Label plant-based meals on the gut microbiome. **2023**, 23, ○
- 25 A Novel E3 Probiotics Formula Restored Gut Dysbiosis and Remodelled Gut Microbial Network and Microbiome Dysbiosis Index (MDI) in Southern Chinese Adult Psoriasis Patients. **2023**, 24, 6571 ○

- 24 Dysbiome and Its Role in Surgically Relevant Medical Disease. **2023**, 24, 226-231
- 23 Analysis of the relationship between the gut microbiota enterotypes and colorectal adenoma. 14,
- 22 Assessment of cecal microbiota modulation from piglet dietary supplementation with copper. **2023**, 23,
- 21 Schizophrenia and obesity: May the gut microbiota serve as a link for the pathogenesis?.
- 20 New carbohydrate binding domains identified by phage display based functional metagenomic screens of human gut microbiota. **2023**, 6,
- 19 Characteristics of the Gut Microbiome and Serum Metabolome in Patients with Functional Constipation. **2023**, 15, 1779
- 18 Exploring the Influence of Gut Microbiome on Energy Metabolism in Humans. **2023**,
- 17 Alteration of gut microbiota in wild-borne long-tailed macaques after 1-year being housed in hygienic captivity. **2023**, 13,
- 16 Biological activities and applications of exopolysaccharides produced by lactic acid bacteria: a mini-review. **2023**, 39,
- 15 Effects of whole-grain cereals on fecal microbiota and short-chain fatty acids in dogs - A comparison of rye, oats and wheat.
- 14 PhyloMed: a phylogeny-based test of mediation effect in microbiome. **2023**, 24,
- 13 Fecal metagenomics to identify biomarkers of food intake in healthy adults: Findings from randomized, controlled, nutrition trials.
- 12 The Local Tumor Microbiome Is Associated with Survival in Late-Stage Colorectal Cancer Patients.
- 11 Role of Dietary Fiber and Energy Intake on Gut Microbiome in Vegans, Vegetarians, and Flexitarians in Comparison to Omnivores Insights from the Nutritional Evaluation (NuEva) Study. **2023**, 15, 1914
- 10 Physico-chemical, microbiological, and sensory characteristics of yogurt as affected by ingredients that help treat leaky gut. **2023**,
- 9 Fermented Vegetables and Legumes vs. Lifestyle Diseases: Microbiota and More. **2023**, 13, 1044
- 8 *Campylobacter jejuni* causes colorectal cancer. **2022**, 11, 4
- 7 Microbiota and parasite relationship. **2023**, 115954

- 6 Nutritional and Lifestyle Therapy for NAFLD in People with HIV. **2023**, 15, 1990
- 5 Microbiome: Impact of sex on function and characteristics of gut microbiome. **2023**, 313-329
- 4 Precision medicine: Overview and challenges to clinical implementation. **2023**, 513-529
- 3 Gut microbiome and cancer implications: Potential opportunities for fermented foods. **2023**, 188897
- 2 Distinct healthy and atopic canine gut microbiota is influenced by diet and antibiotics. **2023**, 10,
- 1 Regular consumption of pickled vegetables and fermented bean curd reduces the risk of diabetes: a prospective cohort study. 11,