

# Role of the gut microbiota in immunity and inflammation

Nature Reviews Immunology

13, 321-335

DOI: [10.1038/nri3430](https://doi.org/10.1038/nri3430)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Associations among Health Perceptions and Health Status within Three Age Groups. <i>Journal of Aging and Health</i> , 1990, 2, 58-80.	0.9	66
2	Connecting the microbiome to obesity-associated cancers. <i>Science-Business EXchange</i> , 2013, 6, 743-743.	0.0	0
3	Toll-like receptor regulation of effector T lymphocyte function. <i>Trends in Immunology</i> , 2013, 34, 511-519.	2.9	119
4	Clinical implications of shared genetics and pathogenesis in autoimmune diseases. <i>Nature Reviews Endocrinology</i> , 2013, 9, 646-659.	4.3	122
5	Challenges of Managing Pain in Constipation-Predominant IBS: Clinical Perspectives on Antinociceptive Actions of Linaclotide. <i>Gastroenterology</i> , 2013, 145, 1196-1199.	0.6	7
6	The Tuning of the Gut Nervous System by Commensal Microbiota. <i>Gastroenterology</i> , 2013, 145, 1193-1196.	0.6	7
7	Human immune system development and survival of non-obese diabetic (NOD) IL2 receptor 3 null (NSG) mice engrafted with human thymus and autologous haematopoietic stem cells. <i>Clinical and Experimental Immunology</i> , 2013, 174, 372-388.	1.1	101
8	Commensal bacteria at the interface of host metabolism and the immune system. <i>Nature Immunology</i> , 2013, 14, 676-684.	7.0	758
9	The Role of Probiotics and Prebiotics in Inducing Gut Immunity. <i>Frontiers in Immunology</i> , 2013, 4, 445.	2.2	197
10	Regulatory cell populations in the intestinal mucosa. <i>Current Opinion in Gastroenterology</i> , 2013, 29, 614-620.	1.0	14
11	Secretory IgA: Designed for Anti-Microbial Defense. <i>Frontiers in Immunology</i> , 2013, 4, 222.	2.2	255
12	Aging predisposes to acute inflammatory induced pathology after tumor immunotherapy. <i>Journal of Experimental Medicine</i> , 2013, 210, 2223-2237.	4.2	132
13	Licensing Adaptive Immunity by NOD-Like Receptors. <i>Frontiers in Immunology</i> , 2013, 4, 486.	2.2	50
14	Molecular mimicry. <i>Virulence</i> , 2013, 4, 433-434.	1.8	18
16	Intestinal inflammation and stem cell homeostasis in aging <i>Drosophila melanogaster</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2013, 3, 98.	1.8	69
17	Potential Regulatory Role of MicroRNAs in the Development of Bovine Gastrointestinal Tract during Early Life. <i>PLoS ONE</i> , 2014, 9, e92592.	1.1	78
18	Cultivable Bacterial Microbiota of Northern Bobwhite ( <i>Colinus virginianus</i> ): A New Reservoir of Antimicrobial Resistance?. <i>PLoS ONE</i> , 2014, 9, e99826.	1.1	22
19	Immunity-related genes in <i>Ixodes scapularis</i> : perspectives from genome information. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 116.	1.8	68

#	ARTICLE	IF	CITATIONS
20	From lifetime to evolution: timescales of human gut microbiota adaptation. <i>Frontiers in Microbiology</i> , 2014, 5, 587.	1.5	91
21	Colorectal carcinogenesis-update and perspectives. <i>World Journal of Gastroenterology</i> , 2014, 20, 18151.	1.4	138
22	Healthcare Workersâ€™ Hand Microbiome May Mediate Carriage of Hospital Pathogens. <i>Pathogens</i> , 2014, 3, 1-13.	1.2	24
23	Gut-liver axis and probiotics: Their role in non-alcoholic fatty liver disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 15518.	1.4	162
24	Inflammasomes in antiviral immunity: clues for influenza vaccine development. <i>Clinical and Experimental Vaccine Research</i> , 2014, 3, 5.	1.1	11
25	Longitudinal analysis of inflammation and microbiota dynamics in a model of mild chronic dextran sulfate sodium-induced colitis in mice. <i>World Journal of Gastroenterology</i> , 2014, 20, 2051.	1.4	66
26	Role of SFB in autoimmune arthritis. <i>Gut Microbes</i> , 2014, 5, 259-264.	4.3	15
27	Differentiation of CD11c <sup>+</sup> CX <sub>3</sub> CR1 <sup>+</sup> cells in the small intestine requires Notch signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5986-5991.	3.3	25
28	Systems vaccinology: Probing humanityâ€™s diverse immune systems with vaccines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12300-12306.	3.3	162
29	Oral microbiota and host innate immune response in bisphosphonate-related osteonecrosis of the jaw. <i>International Journal of Oral Science</i> , 2014, 6, 219-226.	3.6	47
30	Predicting Chemical Environments of Bacteria from Receptor Signaling. <i>PLoS Computational Biology</i> , 2014, 10, e1003870.	1.5	27
31	The contributory role of gut microbiota in cardiovascular disease. <i>Journal of Clinical Investigation</i> , 2014, 124, 4204-4211.	3.9	519
32	The interplay of sequence conservation and T cell immune recognition. , 2014, , .		2
33	<i>Staphylococcus aureus</i> Colonization: Modulation of Host Immune Response and Impact on Human Vaccine Design. <i>Frontiers in Immunology</i> , 2014, 4, 507.	2.2	167
34	MicroRNAs and the regulation of intestinal homeostasis. <i>Frontiers in Genetics</i> , 2014, 5, 347.	1.1	76
35	Surgical Pathology of Inflammatory Conditions of the Gastrointestinal Tract. , 2014, , 3490-3509.		1
36	Interesting Open Questions in Disease Ecology and Evolution. <i>American Naturalist</i> , 2014, 184, S1-S8.	1.0	74
37	Innate Immunity in Simian Immunodeficiency Virus Infection. , 2014, , 135-172.		0

#	ARTICLE	IF	CITATIONS
38	An antibiotic-altered microbiota provides fuel for the enteric foe. <i>Cell Research</i> , 2014, 24, 5-6.	5.7	9
39	Old Dog, New Trick: A Direct Role for Leptin in Regulating Microbiota Composition. <i>Endocrinology</i> , 2014, 155, 653-655.	1.4	4
40	Re-defining the unique roles for eosinophils in allergic respiratory inflammation. <i>Clinical and Experimental Allergy</i> , 2014, 44, 1119-1136.	1.4	62
41	Mucosal Correlates of Protection in HIV-Exposed Sero-negative Persons. <i>American Journal of Reproductive Immunology</i> , 2014, 72, 219-227.	1.2	23
42	Inflammatory cytokines promote growth of intestinal smooth muscle cells by induced expression of $\alpha$ PDGF $\beta$ . <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 444-454.	1.6	50
43	The chicken gastrointestinal microbiome. <i>FEMS Microbiology Letters</i> , 2014, 360, 100-112.	0.7	521
44	Comparative Anatomy, Physiology, and Mechanisms of Disease Production of the Esophagus, Stomach, and Small Intestine. <i>Toxicologic Pathology</i> , 2014, 42, 54-66.	0.9	44
45	Microbial imbalance and intestinal pathologies: connections and contributions. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1131-1142.	1.2	83
46	Regulation of B lymphocytes and plasma cells by innate immune mechanisms and stromal cells in rheumatoid arthritis. <i>Expert Review of Clinical Immunology</i> , 2014, 10, 747-762.	1.3	18
47	Inflammation and colorectal cancer, when microbiota-host mutualism breaks. <i>World Journal of Gastroenterology</i> , 2014, 20, 908.	1.4	176
48	Cellular Plasticity of CD4+ T Cells in the Intestine. <i>Frontiers in Immunology</i> , 2014, 5, 488.	2.2	47
49	Inulin and Health Benefits. , 2014, , 1-36.		0
50	Local and Systemic Immune Mechanisms Underlying the Anti-Colitis Effects of the Dairy Bacterium <i>Lactobacillus delbrueckii</i> . <i>PLoS ONE</i> , 2014, 9, e85923.	1.1	45
51	Validation of IMP Dehydrogenase Inhibitors in a Mouse Model of Cryptosporidiosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1603-1614.	1.4	56
52	Understanding Host-Adherent-Invasive <i>Escherichia coli</i> Interaction in Crohn's Disease: Opening Up New Therapeutic Strategies. <i>BioMed Research International</i> , 2014, 2014, 1-16.	0.9	51
53	Interspecies Systems Biology Uncovers Metabolites Affecting <i>C. elegans</i> Gene Expression and Life History Traits. <i>Cell</i> , 2014, 156, 759-770.	13.5	209
54	T cell epitope mimicry between Sjögren's syndrome Antigen A (SSA)/Ro60 and oral, gut, skin and vaginal bacteria. <i>Clinical Immunology</i> , 2014, 152, 1-9.	1.4	129
55	Commensal bacteria mediated defenses against pathogens. <i>Current Opinion in Immunology</i> , 2014, 29, 16-22.	2.4	115

#	ARTICLE	IF	CITATIONS
56	Associations among gut permeability, inflammatory markers, and symptoms in patients with irritable bowel syndrome. <i>Journal of Gastroenterology</i> , 2014, 49, 1467-1476.	2.3	67
57	Chronic coffee consumption in the diet-induced obese rat: impact on gut microbiota and serum metabolomics. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 489-495.	1.9	120
58	Gut Microbiota Promote Hematopoiesis to Control Bacterial Infection. <i>Cell Host and Microbe</i> , 2014, 15, 374-381.	5.1	501
59	Anti-Infective Activities of Lactobacillus Strains in the Human Intestinal Microbiota: from Probiotics to Gastrointestinal Anti-Infectious Biotherapeutic Agents. <i>Clinical Microbiology Reviews</i> , 2014, 27, 167-199.	5.7	280
61	Intestinal epithelial cells: regulators of barrier function and immune homeostasis. <i>Nature Reviews Immunology</i> , 2014, 14, 141-153.	10.6	2,123
62	Inflammasome: Cancer's friend or foe?. , 2014, 143, 24-33.		79
63	Compositional and Functional Features of the Gastrointestinal Microbiome and Their Effects on Human Health. <i>Gastroenterology</i> , 2014, 146, 1449-1458.	0.6	386
64	The Gut Microbiome in Health and Disease. <i>Gastroenterology</i> , 2014, 146, 1433-1436.	0.6	60
65	Regulation of the Immune System by the Resident Intestinal Bacteria. <i>Gastroenterology</i> , 2014, 146, 1477-1488.	0.6	220
67	Obsessive-compulsive disorder and gut microbiota dysregulation. <i>Medical Hypotheses</i> , 2014, 82, 163-166.	0.8	39
68	Emerging roles of the microbiome in cancer. <i>Carcinogenesis</i> , 2014, 35, 249-255.	1.3	202
69	Wild-Type and IL10-Null Mice Have Differential Colonic Epithelial Gene Expression Responses to Dietary Supplementation with Synbiotic <i>Bifidobacterium animalis</i> Subspecies <i>lactis</i> and Inulin. <i>Journal of Nutrition</i> , 2014, 144, 245-251.	1.3	13
70	Maintenance of a healthy trajectory of the intestinal microbiome during aging: A dietary approach. <i>Mechanisms of Ageing and Development</i> , 2014, 136-137, 70-75.	2.2	72
71	Fecal microbiota transplantation: effectiveness, complexities, and lingering concerns. <i>Mucosal Immunology</i> , 2014, 7, 210-214.	2.7	101
72	Enhanced allergic airway disease in old mice is associated with a Th17 response. <i>Clinical and Experimental Allergy</i> , 2014, 44, 1282-1292.	1.4	39
73	Methodological and metabolic considerations in the study of caffeine-containing energy drinks. <i>Nutrition Reviews</i> , 2014, 72, 137-145.	2.6	12
74	Epigenomic regulation of host-microbiota interactions. <i>Trends in Immunology</i> , 2014, 35, 518-525.	2.9	60
75	Residents'corner April 2014. Editorial: What's new this month?. <i>European Journal of Dermatology</i> , 2014, 24, 280-281.	0.3	0

#	ARTICLE	IF	CITATIONS
76	Gut Commensalism, Cytokines, and Central Nervous System Demyelination. <i>Journal of Interferon and Cytokine Research</i> , 2014, 34, 605-614.	0.5	17
77	Dynamics of Gut Microbiota in Autoimmune Lupus. <i>Applied and Environmental Microbiology</i> , 2014, 80, 7551-7560.	1.4	250
78	Niche and host-associated functional signatures of the root surface microbiome. <i>Nature Communications</i> , 2014, 5, 4950.	5.8	305
79	Enteric Mucosa Integrity in the Presence of a Preserved Innate Interleukin 22 Compartment in HIV Type 1â€Treated Individuals. <i>Journal of Infectious Diseases</i> , 2014, 210, 630-640.	1.9	35
80	Quantitative evaluation of synbiotic strategies to improve persistence and metabolic activity of <i>Lactobacillus reuteri</i> DSM 17938 in the human gastrointestinal tract. <i>Journal of Functional Foods</i> , 2014, 10, 85-94.	1.6	34
81	Integrin-Mediated First Signal for Inflammasome Activation in Intestinal Epithelial Cells. <i>Journal of Immunology</i> , 2014, 193, 1373-1382.	0.4	57
82	Interleukin-22 Regulates the Complement System to Promote Resistance against Pathobionts after Pathogen-Induced Intestinal Damage. <i>Immunity</i> , 2014, 41, 620-632.	6.6	124
83	Influence of the microbiota on vaccine effectiveness. <i>Trends in Immunology</i> , 2014, 35, 526-537.	2.9	137
84	Identification of a human neonatal immune-metabolic network associated with bacterial infection. <i>Nature Communications</i> , 2014, 5, 4649.	5.8	112
85	<i>Bifidobacterium animalis</i> ssp. <i>lactis</i> B107 modulates the tumor necrosis factor alpha-dependent imbalances of the enterocyte-associated intestinal microbiota fraction. <i>FEMS Microbiology Letters</i> , 2014, 357, n/a-n/a.	0.7	3
86	Extracellular molecular effectors mediating probiotic attributes. <i>FEMS Microbiology Letters</i> , 2014, 359, 1-11.	0.7	45
87	Foxp3+ T Cells Regulate Immunoglobulin A Selection and Facilitate Diversification of Bacterial Species Responsible for Immune Homeostasis. <i>Immunity</i> , 2014, 41, 152-165.	6.6	431
89	Animal models of inflammatory bowel disease: a review. <i>Inflammopharmacology</i> , 2014, 22, 219-233.	1.9	161
90	Anatomical localization of commensal bacteria in immune cell homeostasis and disease. <i>Immunological Reviews</i> , 2014, 260, 35-49.	2.8	60
91	Gastrointestinal Microbes Interact with Canine Adipose-Derived Mesenchymal Stem Cells In Vitro and Enhance Immunomodulatory Functions. <i>Stem Cells and Development</i> , 2014, 23, 1831-1843.	1.1	55
92	Ageing combines CD4 T cell lymphopenia in secondary lymphoid organs and T cell accumulation in gut associated lymphoid tissue. <i>Immunity and Ageing</i> , 2014, 11, 8.	1.8	26
93	Regulation and pathophysiological role of epithelial turnover in the gut. <i>Seminars in Cell and Developmental Biology</i> , 2014, 35, 40-50.	2.3	34
94	Absence of Genetic Differences among G10P[11] Rotaviruses Associated with Asymptomatic and Symptomatic Neonatal Infections in Vellore, India. <i>Journal of Virology</i> , 2014, 88, 9060-9071.	1.5	12

#	ARTICLE	IF	CITATIONS
95	Four types of <i>Bifidobacteria</i> trigger autophagy response in intestinal epithelial cells. <i>Journal of Digestive Diseases</i> , 2014, 15, 597-605.	0.7	25
96	Worms, bacteria, and micronutrients: an elegant model of our diet. <i>Trends in Genetics</i> , 2014, 30, 496-503.	2.9	72
97	Stool Microbiota and Vaccine Responses of Infants. <i>Pediatrics</i> , 2014, 134, e362-e372.	1.0	308
98	Emerging insights on intestinal dysbiosis during bacterial infections. <i>Current Opinion in Microbiology</i> , 2014, 17, 67-74.	2.3	94
99	Connexins in respiratory and gastrointestinal mucosal immunity. <i>FEBS Letters</i> , 2014, 588, 1288-1296.	1.3	24
100	Rapidly expanding knowledge on the role of the gut microbiome in health and disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1981-1992.	1.8	141
101	A Shrimp C-type Lectin Inhibits Proliferation of the Hemolymph Microbiota by Maintaining the Expression of Antimicrobial Peptides. <i>Journal of Biological Chemistry</i> , 2014, 289, 11779-11790.	1.6	140
102	Association between Group 2 Innate Lymphoid Cells enrichment, nasal polyps and allergy in Chronic Rhinosinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014, 69, 1154-1161.	2.7	151
103	G-CSF regulates hematopoietic stem cell activity, in part, through activation of Toll-like receptor signaling. <i>Leukemia</i> , 2014, 28, 1851-1860.	3.3	118
104	Suppression of Murine Colitis and its Associated Cancer by Carcinoembryonic Antigen-Specific Regulatory T Cells. <i>Molecular Therapy</i> , 2014, 22, 1018-1028.	3.7	181
105	Intestinal IgA production and its role in host-microbe interaction. <i>Immunological Reviews</i> , 2014, 260, 76-85.	2.8	227
106	The Pathobiologic Basis of Autoimmunity. , 2014, , 39-48.		1
107	Could a Swimming Creature Inform Us on Intestinal Diseases? Lessons from Zebrafish. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 956-966.	0.9	33
108	Obesity and Cancer: Concepts and Challenges. <i>Indian Journal of Surgical Oncology</i> , 2015, 6, 390-398.	0.3	16
109	Systematic review: microbial dysbiosis and nonalcoholic fatty liver disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2015, 42, 1051-1063.	1.9	167
110	Dysbiosis of the gut microbiota in disease. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 26191.	3.8	949
111	A novel model for studying ileitis-induced visceral hypersensitivity in goats. <i>Acta Veterinaria Scandinavica</i> , 2015, 58, 72.	0.5	6
112	WSES guidelines for management of <i>Clostridium difficile</i> infection in surgical patients. <i>World Journal of Emergency Surgery</i> , 2015, 10, 38.	2.1	78

#	ARTICLE	IF	CITATIONS
113	Fast disease progression in simian HIV-infected female macaque is accompanied by a robust local inflammatory innate immune and microbial response. <i>Aids</i> , 2015, 29, F1-F8.	1.0	14
114	Lung Ischemia-Reperfusion is a Sterile Inflammatory Process Influenced by Commensal Microbiota in Mice. <i>Shock</i> , 2015, 44, 272-279.	1.0	49
115	Keeping bugs in check: The mucus layer as a critical component in maintaining intestinal homeostasis. <i>IUBMB Life</i> , 2015, 67, 275-285.	1.5	66
116	Guest Editorial. <i>Advances in Neonatal Care</i> , 2015, 15, 312-313.	0.5	2
117	Commensal microbiota-derived signals regulate host immune system through epigenetic modifications. <i>Inflammation and Regeneration</i> , 2015, 35, 129-136.	1.5	1
118	Gut microbiota and liver diseases. <i>World Journal of Gastroenterology</i> , 2015, 21, 1691.	1.4	136
119	The Interaction among Microbiota, Immunity, and Genetic and Dietary Factors Is the <i>Conditio Sine Qua Non</i> Celiac Disease Can Develop. <i>Journal of Immunology Research</i> , 2015, 2015, 1-10.	0.9	32
120	Stress Visualisation in Gastrointestinal Tract at Different Pathologies Forwards a Systems Approach to Drug Repurposing. <i>Journal of Bioanalysis &amp; Biomedicine</i> , 2015, 07, .	0.1	1
121	Outcome of a public consultation on the discussion paper for the revision of the guidance on the scientific requirements for health claims related to gut and immune function. <i>EFSA Supporting Publications</i> , 2015, 12, 758E.	0.3	1
122	Computational Studies of the Intestinal Host-Microbiota Interactome. <i>Computation</i> , 2015, 3, 2-28.	1.0	5
123	Gut Microbiota: A Modulator of Brain Plasticity and Cognitive Function in Ageing. <i>Healthcare (Switzerland)</i> , 2015, 3, 898-916.	1.0	67
124	Intestinal Microbiota and Celiac Disease: Cause, Consequence or Co-Evolution?. <i>Nutrients</i> , 2015, 7, 6900-6923.	1.7	151
125	Regulation of T Cell Immunity in Atopic Dermatitis by Microbes: The Yin and Yang of Cutaneous Inflammation. <i>Frontiers in Immunology</i> , 2015, 6, 353.	2.2	139
126	SLE: Another Autoimmune Disorder Influenced by Microbes and Diet?. <i>Frontiers in Immunology</i> , 2015, 6, 608.	2.2	112
127	Risks of Antibiotic Exposures Early in Life on the Developing Microbiome. <i>PLoS Pathogens</i> , 2015, 11, e1004903.	2.1	81
128	The Multifaceted Role of Commensal Microbiota in Homeostasis and Gastrointestinal Diseases. <i>Journal of Immunology Research</i> , 2015, 2015, 1-14.	0.9	33
129	Intestinal Microbiota as Modulators of the Immune System and Neuroimmune System: Impact on the Host Health and Homeostasis. <i>Journal of Immunology Research</i> , 2015, 2015, 1-14.	0.9	88
130	The Interactions between Innate Immunity and Microbiota in Gastrointestinal Diseases. <i>Journal of Immunology Research</i> , 2015, 2015, 1-3.	0.9	32



#	ARTICLE	IF	CITATIONS
131	How the Intricate Interaction among Toll-Like Receptors, Microbiota, and Intestinal Immunity Can Influence Gastrointestinal Pathology. <i>Journal of Immunology Research</i> , 2015, 2015, 1-12.	0.9	193
132	Malnutrition and Gut Flora Dysbiosis: Specific Therapies for Emerging Comorbidities in Heart Failure. <i>BioMed Research International</i> , 2015, 2015, 1-5.	0.9	8
133	Probiotics and Immunity. , 0, , .		8
134	Two more pieces of the colibactin genotoxin puzzle from <i>Escherichia coli</i> show incorporation of an unusual 1-aminocyclopropanecarboxylic acid moiety. <i>Chemical Science</i> , 2015, 6, 3154-3160.	3.7	59
135	Intestinal microbiota-related effects on graft-versus-host disease. <i>International Journal of Hematology</i> , 2015, 101, 428-437.	0.7	51
136	Altered Distribution and Increased IL-17 Production by Mucosal-Associated Invariant T Cells in Adult and Childhood Obesity. <i>Journal of Immunology</i> , 2015, 194, 5775-5780.	0.4	144
137	Host microbiota constantly control maturation and function of microglia in the CNS. <i>Nature Neuroscience</i> , 2015, 18, 965-977.	7.1	2,340
138	Chronic oral infection with major periodontal bacteria <i>Tannerella forsythia</i> modulates systemic atherosclerosis risk factors and inflammatory markers. <i>Pathogens and Disease</i> , 2015, 73, .	0.8	45
139	The Mucosal B Cell System. , 2015, , 623-681.		8
140	Mechanisms of Oral Tolerance to Soluble Protein Antigens. , 2015, , 831-848.		2
141	Faecal microbiota transplantation: Key points to consider. <i>Annales Pharmaceutiques Francaises</i> , 2015, 73, 163-168.	0.4	8
142	Hospitalization Type and Subsequent Severe Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 581-588.	2.5	124
143	The gut microbiota and Type 1 Diabetes. <i>Clinical Immunology</i> , 2015, 159, 143-153.	1.4	142
144	Potential use of probiotic and commensal bacteria as non-antibiotic strategies against vancomycin-resistant enterococci. <i>FEMS Microbiology Letters</i> , 2015, 362, fnv012.	0.7	28
145	Microenvironment Matters. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 136, 35-56.	0.9	10
146	Which games are growing bacterial populations playing?. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150121.	1.5	51
147	Dietary vitamin D3 deficiency alters intestinal mucosal defense and increases susceptibility to <i>Citrobacter rodentium</i> -induced colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G730-G742.	1.6	36
148	Slc5a8, a Na <sup>+</sup> -coupled high-affinity transporter for short-chain fatty acids, is a conditional tumour suppressor in colon that protects against colitis and colon cancer under low-fibre dietary conditions. <i>Biochemical Journal</i> , 2015, 469, 267-278.	1.7	118

#	ARTICLE	IF	CITATIONS
149	Intestinal steroidogenesis. <i>Steroids</i> , 2015, 103, 64-71.	0.8	32
150	<i>Lactobacillus helveticus</i> suppresses experimental rheumatoid arthritis by reducing inflammatory T cell responses. <i>Journal of Functional Foods</i> , 2015, 13, 350-362.	1.6	37
151	The Role of Infection in Inflammatory Bowel Disease. , 2015, , 793-806.		28
152	The role of gut microbiota in the development of type 1, type 2 diabetes mellitus and obesity. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2015, 16, 55-65.	2.6	207
153	MyD88 Signaling in T Cells Directs IgA-Mediated Control of the Microbiota to Promote Health. <i>Cell Host and Microbe</i> , 2015, 17, 153-163.	5.1	277
154	The involvement of gut microbiota in inflammatory bowel disease pathogenesis: Potential for therapy. , 2015, 149, 191-212.		139
155	Toll-like receptor 2 suppresses Toll-like receptor 9 responses in Peyer's patch dendritic cells. <i>Immunobiology</i> , 2015, 220, 734-743.	0.8	4
156	Intestinal dysbiosis: An emerging cause of pregnancy complications?. <i>Medical Hypotheses</i> , 2015, 84, 223-226.	0.8	38
157	Microbial endocrinology: the interplay between the microbiota and the endocrine system. <i>FEMS Microbiology Reviews</i> , 2015, 39, 509-521.	3.9	439
158	Les effets des régime et des stratégies diététiques dans la polyarthrite rhumatoïde. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2015, 82, 283-290.	0.0	1
159	Comparative Analysis of Intestinal Tract Models. <i>Annual Review of Food Science and Technology</i> , 2015, 6, 329-350.	5.1	91
160	The human-microbe metaorganism, evolution and extraterrestrial colonization. <i>Future Microbiology</i> , 2015, 10, 1269-1270.	1.0	1
161	The oral and gut microbiomes are perturbed in rheumatoid arthritis and partly normalized after treatment. <i>Nature Medicine</i> , 2015, 21, 895-905.	15.2	1,306
162	Microbiology and Ecology Are Vitally Important to Premedical Curricula. <i>Evolution, Medicine and Public Health</i> , 2015, 2015, eov014.	1.1	5
163	Inflammation-induced formation of fat-associated lymphoid clusters. <i>Nature Immunology</i> , 2015, 16, 819-828.	7.0	175
164	Opioid Exacerbation of Gram-positive sepsis, induced by Gut Microbial Modulation, is Rescued by IL-17A Neutralization. <i>Scientific Reports</i> , 2015, 5, 10918.	1.6	99
165	An Innate Disposition for a Healthier Gut: GLP-1R Signaling in Intestinal Epithelial Lymphocytes. <i>Diabetes</i> , 2015, 64, 2329-2331.	0.3	2
166	Gnotobiotics. , 2015, , 1263-1296.		3

#	ARTICLE	IF	CITATIONS
167	Lentinula edodes-Derived Polysaccharide Alters the Spatial Structure of Gut Microbiota in Mice. PLoS ONE, 2015, 10, e0115037.	1.1	66
168	Dynamic microbe and molecule networks in a mouse model of colitis-associated colorectal cancer. Scientific Reports, 2014, 4, 4985.	1.6	59
169	Primary Manifestation of Inflammatory Bowel Disease Following Subcutaneous Autovaccination. Journal of Crohn's and Colitis, 2015, 9, 802-805.	0.6	0
170	Generation of primary human intestinal T cell transcriptomes reveals differential expression at genetic risk loci for immune-mediated disease. Gut, 2015, 64, 250-259.	6.1	30
171	The distribution of lymphoid cells in the small intestine of germ-free and conventional piglets. Developmental and Comparative Immunology, 2015, 51, 99-107.	1.0	35
172	Innate Lymphoid Cells Control Early Colonization Resistance against Intestinal Pathogens through ID2-Dependent Regulation of the Microbiota. Immunity, 2015, 42, 731-743.	6.6	102
173	Impact of antibiotic exposure on the risk of colorectal cancer. Pharmacoepidemiology and Drug Safety, 2015, 24, 534-542.	0.9	73
174	Differences in Gut Microbiota Between Atopic and Healthy Children. Current Microbiology, 2015, 71, 177-183.	1.0	19
175	No Vacancy: How Beneficial Microbes Cooperate with Immunity To Provide Colonization Resistance to Pathogens. Journal of Immunology, 2015, 194, 4081-4087.	0.4	268
176	Quality control of microbiota metagenomics by k-mer analysis. BMC Genomics, 2015, 16, 183.	1.2	22
177	Manipulation of the Quorum Sensing Signal AI-2 Affects the Antibiotic-Treated Gut Microbiota. Cell Reports, 2015, 10, 1861-1871.	2.9	313
178	High throughput sequencing reveals distinct microbial populations within the mucosal and luminal niches in healthy individuals. Gut Microbes, 2015, 6, 173-181.	4.3	164
179	Is the gut microbiome key to modulating vaccine efficacy?. Expert Review of Vaccines, 2015, 14, 777-779.	2.0	16
180	Immune modulation by bacterial outer membrane vesicles. Nature Reviews Immunology, 2015, 15, 375-387.	10.6	672
181	Quality of Methods Reporting in Animal Models of Colitis. Inflammatory Bowel Diseases, 2015, 21, 1.	0.9	49
182	The influence of the microbiota on the immune response to transplantation. Current Opinion in Organ Transplantation, 2015, 20, 1-7.	0.8	28
183	Associations between Gut Microbial Colonization in Early Life and Respiratory Outcomes in Cystic Fibrosis. Journal of Pediatrics, 2015, 167, 138-147.e3.	0.9	131
184	Experimental colitis models: Insights into the pathogenesis of inflammatory bowel disease and translational issues. European Journal of Pharmacology, 2015, 759, 253-264.	1.7	84

#	ARTICLE	IF	CITATIONS
185	Cancer and the gut microbiota: An unexpected link. <i>Science Translational Medicine</i> , 2015, 7, 271ps1.	5.8	358
186	The Role of Microbiota on the Gut Immunology. <i>Clinical Therapeutics</i> , 2015, 37, 968-975.	1.1	85
187	Distinct Commensals Induce Interleukin-1 $\beta$ via NLRP3 Inflammasome in Inflammatory Monocytes to Promote Intestinal Inflammation in Response to Injury. <i>Immunity</i> , 2015, 42, 744-755.	6.6	259
188	A catalog of the mouse gut metagenome. <i>Nature Biotechnology</i> , 2015, 33, 1103-1108.	9.4	422
189	Emerging Influence of the Intestinal Microbiota during Allogeneic Hematopoietic Cell Transplantation: Control the Gut and the Body Will Follow. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 1360-1366.	2.0	42
190	M2b Monocytes Provoke Bacterial Pneumonia and Gut Bacteria-associated Sepsis in Alcoholics. <i>Journal of Immunology</i> , 2015, 195, 5169-5177.	0.4	42
191	Cohabitation in the Intestine: Interactions among Helminth Parasites, Bacterial Microbiota, and Host Immunity. <i>Journal of Immunology</i> , 2015, 195, 4059-4066.	0.4	154
192	Intestinal Epithelial Cell Tyrosine Kinase 2 Transduces IL-22 Signals To Protect from Acute Colitis. <i>Journal of Immunology</i> , 2015, 195, 5011-5024.	0.4	40
193	Sialic acid catabolism drives intestinal inflammation and microbial dysbiosis in mice. <i>Nature Communications</i> , 2015, 6, 8141.	5.8	168
194	Strategies targeting the IL-4/IL-13 axes in disease. <i>Cytokine</i> , 2015, 75, 89-116.	1.4	130
195	Functional metagenomic discovery of bacterial effectors in the human microbiome and isolation of commendamide, a GPCR G2A/132 agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E4825-34.	3.3	133
196	Analysis of Bacterial Communities during <i>Clostridium difficile</i> Infection in the Mouse. <i>Infection and Immunity</i> , 2015, 83, 4383-4391.	1.0	75
197	Gut Microbial Dysbiosis Due to <i>Helicobacter</i> Drives an Increase in Marginal Zone B Cells in the Absence of IL-10 Signaling in Macrophages. <i>Journal of Immunology</i> , 2015, 195, 3071-3085.	0.4	21
198	The Intestinal Microbiota in Inflammatory Bowel Disease. <i>ILAR Journal</i> , 2015, 56, 192-204.	1.8	152
199	Recurrent antibiotic exposure may promote cancer formation – Another step in understanding the role of the human microbiota?. <i>European Journal of Cancer</i> , 2015, 51, 2655-2664.	1.3	233
200	Nutrient availability, the microbiome, and intestinal transport during pregnancy. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 1100-1106.	0.9	32
201	Chronic obstructive pulmonary disease and asthma-associated Proteobacteria, but not commensal <i>Prevotella</i> spp., promote T <sub>H</sub> 17-like receptor 2-independent lung inflammation and pathology. <i>Immunology</i> , 2015, 144, 333-342.	2.0	144
203	Alterations of gut barrier and gut microbiota in food restriction, food deprivation and protein-energy wasting. <i>Clinical Nutrition</i> , 2015, 34, 341-349.	2.3	101

#	ARTICLE	IF	CITATIONS
204	Microbiome and cancer. <i>Seminars in Immunopathology</i> , 2015, 37, 65-72.	2.8	56
205	A major population of mucosal memory CD4+ T cells, coexpressing IL-18R $\alpha$ and DR3, display innate lymphocyte functionality. <i>Mucosal Immunology</i> , 2015, 8, 545-558.	2.7	38
206	Epigenomics and the Microbiota. <i>Toxicologic Pathology</i> , 2015, 43, 101-106.	0.9	30
207	Cyclooxygenase-2 Silencing for the Treatment of Colitis: A Combined In Vivo Strategy Based on RNA Interference and Engineered <i>Escherichia Coli</i> . <i>Molecular Therapy</i> , 2015, 23, 278-289.	3.7	25
208	Interactions of innate and adaptive immunity in brain development and function. <i>Brain Research</i> , 2015, 1617, 18-27.	1.1	169
210	Diet- and Genetically-induced Obesity Produces Alterations in the Microbiome, Inflammation and <i>Wnt</i> Pathway in the Intestine of <i>Apc<sup>+/1638N</sup></i> Mice: Comparisons and Contrasts. <i>Journal of Cancer</i> , 2016, 7, 1780-1790.	1.2	61
211	Epigenomics of Intestinal Disease. , 2016, , 257-273.		0
212	Dietary Keratan Sulfate from Shark Cartilage Modulates Gut Microbiota and Increases the Abundance of <i>Lactobacillus</i> spp.. <i>Marine Drugs</i> , 2016, 14, 224.	2.2	29
213	Correlating the Gut Microbiome to Health and Disease. , 2016, , 261-291.		5
214	Role of the Microbiota in Immune Development. , 2016, , 109-119.		0
215	Making sense of the cause of Crohn's " a new look at an old disease. <i>F1000Research</i> , 2016, 5, 2510.	0.8	13
216	Activation of Natural Killer Cells by Probiotics. <i>Forum on Immunopathological Diseases and Therapeutics</i> , 2016, 7, 41-55.	0.1	32
217	Immunity and Tolerance Induced by Intestinal Mucosal Dendritic Cells. <i>Mediators of Inflammation</i> , 2016, 2016, 1-8.	1.4	19
218	Intestinal Microbiota as an Alternative Therapeutic Target for Epilepsy. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2016, 2016, 1-6.	0.7	30
219	Pathogenic role of the gut microbiota in gastrointestinal diseases. <i>Intestinal Research</i> , 2016, 14, 127.	1.0	108
220	Interleukin-8 in gastrointestinal inflammation and malignancy: induction and clinical consequences. <i>International Journal of Interferon, Cytokine and Mediator Research</i> , 2016, , 13.	1.1	18
221	Mucosal Interactions between Genetics, Diet, and Microbiome in Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2016, 7, 290.	2.2	93
222	Alteration in the Gut Microbiota Provokes Susceptibility to Tuberculosis. <i>Frontiers in Immunology</i> , 2016, 7, 529.	2.2	122

#	ARTICLE	IF	CITATIONS
223	Associations between EBV and CMV Seropositivity, Early Exposures, and Gut Microbiota in a Prospective Birth Cohort: A 10-Year Follow-up. <i>Frontiers in Pediatrics</i> , 2016, 4, 93.	0.9	25
224	Chronic Inflammation in the Epidermis: A Mathematical Model. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 252.	1.3	5
225	Dietary Geraniol by Oral or Enema Administration Strongly Reduces Dysbiosis and Systemic Inflammation in Dextran Sulfate Sodium-Treated Mice. <i>Frontiers in Pharmacology</i> , 2016, 7, 38.	1.6	34
226	Faecal microbiota transplantation: a review of FMT as an alternative treatment for <i>Clostridium difficile</i> infection. <i>Bioscience Horizons</i> , 2016, 9, hzw007.	0.6	12
227	Microbiota, parasites and immunity. <i>Parasite Immunology</i> , 2016, 38, 3-4.	0.7	1
228	A prospective view of animal and human Fasciolosis. <i>Parasite Immunology</i> , 2016, 38, 558-568.	0.7	153
229	Inhibition of Interleukin-10 Signaling Induces Microbiota-dependent Chronic Colitis in Apolipoprotein E Deficient Mice. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 841-852.	0.9	18
230	The sinonasal bacterial microbiome in health and disease. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2016, 24, 20-25.	0.8	51
231	An Opinion on "Staging" of Infant Formula. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 62, 9-21.	0.9	38
232	Characterization of the gut microbiota of migratory passerines during stopover along the northern coast of the Gulf of Mexico. <i>Journal of Avian Biology</i> , 2016, 47, 659-668.	0.6	66
233	The molecular biology of matrix metalloproteinases and tissue inhibitors of metalloproteinases in inflammatory bowel diseases. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 295-358.	2.3	62
234	"WHAT'S BUGGING THE GUT IN OCD? A REVIEW OF THE GUT MICROBIOME IN OBSESSIVE-COMPULSIVE DISORDER. <i>Depression and Anxiety</i> , 2016, 33, 171-178.	2.0	60
235	The role of tissue-specific microbiota in initial establishment success of Pacific oysters. <i>Environmental Microbiology</i> , 2016, 18, 970-987.	1.8	107
236	Dysfunctional gut microbiota and relative co-abundance network in infantile eczema. <i>Gut Pathogens</i> , 2016, 8, 36.	1.6	34
237	The Gut Microbiome. , 2016, , 799-808.		2
238	Siropins, novel serine protease inhibitors from gut microbiota acting on human proteases involved in inflammatory bowel diseases. <i>Microbial Cell Factories</i> , 2016, 15, 201.	1.9	33
239	Gut microbiota from metabolic disease-resistant, macrophage-specific RIP140 knockdown mice improves metabolic phenotype and gastrointestinal integrity. <i>Scientific Reports</i> , 2016, 6, 38599.	1.6	5
240	Modulation of gut microbiota dysbioses in type 2 diabetic patients by macrobiotic Ma-Pi 2 diet. <i>British Journal of Nutrition</i> , 2016, 116, 80-93.	1.2	181

#	ARTICLE	IF	CITATIONS
242	Shotgun Metagenomics of 250 Adult Twins Reveals Genetic and Environmental Impacts on the Gut Microbiome. <i>Cell Systems</i> , 2016, 3, 572-584.e3.	2.9	261
243	Ticking in Place for the Microbiome to Message Out. <i>Cell Metabolism</i> , 2016, 24, 775-777.	7.2	7
244	Early Changes in Microbial Community Structure Are Associated with Sustained Remission After Nutritional Treatment of Pediatric Crohn's Disease. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2853-2862.	0.9	69
245	Proteome analysis for the global proteins in the jejunum tissues of enterotoxigenic <i>Escherichia coli</i> -infected piglets. <i>Scientific Reports</i> , 2016, 6, 25640.	1.6	26
246	Antiviral effect of vitamin A on norovirus infection via modulation of the gut microbiome. <i>Scientific Reports</i> , 2016, 6, 25835.	1.6	105
247	MetaMIS: a metagenomic microbial interaction simulator based on microbial community profiles. <i>BMC Bioinformatics</i> , 2016, 17, 488.	1.2	70
248	Gut: An underestimated target organ for Aluminum. <i>Morphologie</i> , 2016, 100, 75-84.	0.5	32
249	Animal models of inflammatory bowel disease. <i>Current Opinion in Gastroenterology</i> , 2016, 32, 251-257.	1.0	22
251	Ly6Chi Monocytes Provide a Link between Antibiotic-Induced Changes in Gut Microbiota and Adult Hippocampal Neurogenesis. <i>Cell Reports</i> , 2016, 15, 1945-1956.	2.9	358
252	Functional Characterization of Inflammatory Bowel Disease-Associated Gut Dysbiosis in Gnotobiotic Mice. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2016, 2, 468-481.	2.3	189
253	Use your antibiotics wisely. Consequences to the intestinal microbiome. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw081.	0.7	11
254	Double use of highly concentrated sweet whey to improve the biomass production and viability of spray-dried probiotic bacteria. <i>Journal of Functional Foods</i> , 2016, 23, 453-463.	1.6	66
255	Gut Microbiota-Induced Immunoglobulin G Controls Systemic Infection by Symbiotic Bacteria and Pathogens. <i>Immunity</i> , 2016, 44, 647-658.	6.6	309
256	Systems Vaccinology: Applications, Trends, and Perspectives. <i>Methods in Molecular Biology</i> , 2016, 1403, 107-130.	0.4	2
257	The absence of microbiota delays the inflammatory response to <i>Cryptococcus gattii</i> . <i>International Journal of Medical Microbiology</i> , 2016, 306, 187-195.	1.5	28
258	Germ-Free Mice Model for Studying Host-Microbial Interactions. <i>Methods in Molecular Biology</i> , 2016, 1438, 123-135.	0.4	51
259	Cytokine responses in birds challenged with the human food-borne pathogen <i>Campylobacter jejuni</i> implies a Th17 response. <i>Royal Society Open Science</i> , 2016, 3, 150541.	1.1	39
260	Regulation of immune cell function by short-chain fatty acids. <i>Clinical and Translational Immunology</i> , 2016, 5, e73.	1.7	885



#	ARTICLE	IF	CITATIONS
261	Colonic transendoscopic enteral tubing: A novel way of transplanting fecal microbiota. <i>Endoscopy International Open</i> , 2016, 04, E610-E613.	0.9	72
262	Immunology: You Remind Me of a Microbe I Know. <i>Current Biology</i> , 2016, 26, R373-R376.	1.8	0
263	Ketogenic diet modifies the gut microbiota in a murine model of autism spectrum disorder. <i>Molecular Autism</i> , 2016, 7, 37.	2.6	204
264	Host and Parasite Evolution in a Tangled Bank. <i>Trends in Parasitology</i> , 2016, 32, 863-873.	1.5	45
265	The human microbiome and juvenile idiopathic arthritis. <i>Pediatric Rheumatology</i> , 2016, 14, 55.	0.9	29
266	Immunomodulatory properties of medicinal mushrooms: differential effects of water and ethanol extracts on NK cell-mediated cytotoxicity. <i>Innate Immunity</i> , 2016, 22, 522-533.	1.1	39
267	Loss of Dok-1 and Dok-2 in mice causes severe experimental colitis accompanied by reduced expression of IL-17A and IL-22. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 135-142.	1.0	6
268	Causality of small and large intestinal microbiota in weight regulation and insulin resistance. <i>Molecular Metabolism</i> , 2016, 5, 759-770.	3.0	142
269	Comparative evaluation of the genomes of three common <i>Drosophila</i> -associated bacteria. <i>Biology Open</i> , 2016, 5, 1305-1316.	0.6	25
270	TGF- $\beta$ 1 improves mucosal IgA dysfunction and dysbiosis following intestinal ischaemia-reperfusion in mice. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1014-1023.	1.6	20
271	The impact of intestinal resection on the immune function of short bowel syndrome patients. <i>Human Immunology</i> , 2016, 77, 1202-1208.	1.2	9
272	The Role of the Intestinal Microbiome in Type 1 Diabetes Pathogenesis. <i>Current Diabetes Reports</i> , 2016, 16, 89.	1.7	47
273	A subpopulation of high IL-21-producing CD4+ T cells in Peyer's Patches is induced by the microbiota and regulates germinal centers. <i>Scientific Reports</i> , 2016, 6, 30784.	1.6	25
274	Toll-like receptor-mediated immune responses in intestinal macrophages; implications for mucosal immunity and autoimmune diseases. <i>Clinical Immunology</i> , 2016, 173, 81-86.	1.4	18
275	Enteric Micromotor Can Selectively Position and Spontaneously Propel in the Gastrointestinal Tract. <i>ACS Nano</i> , 2016, 10, 9536-9542.	7.3	211
276	Natural autoantibodies in <i>Bos taurus</i> calves during the first twelve weeks of life. <i>Veterinary Immunology and Immunopathology</i> , 2016, 178, 70-78.	0.5	8
277	A Touch of Youth in Gut Microbiota Development. <i>Immunity</i> , 2016, 45, 12-14.	6.6	2
278	Editorial: Can <i>Prevotella copri</i> Be a Causative Pathobiont in Rheumatoid Arthritis?. <i>Arthritis and Rheumatology</i> , 2016, 68, 2565-2567.	2.9	21



#	ARTICLE	IF	CITATIONS
279	Cut microbiota in autoimmunity: potential for clinical applications. Archives of Pharmacal Research, 2016, 39, 1565-1576.	2.7	45
280	The Microbiota and Its Modulation in Immune-Mediated Disorders. , 2016, , 191-227.		1
281	Inflammation and the Intestinal Barrier: Leukocyte-Épithelial Cell Interactions, Cell Junction Remodeling, and Mucosal Repair. Gastroenterology, 2016, 151, 616-632.	0.6	378
282	PTPN22 Is a Critical Regulator of FcÎ³ Receptor-ÉMediated Neutrophil Activation. Journal of Immunology, 2016, 197, 4771-4779.	0.4	27
283	Genome and metagenome analyses reveal adaptive evolution of the host and interaction with the gut microbiota in the goose. Scientific Reports, 2016, 6, 32961.	1.6	36
284	Altered gut microbiota in Rett syndrome. Microbiome, 2016, 4, 41.	4.9	120
285	Host genetics affect microbial ecosystems via host immunity. Current Opinion in Allergy and Clinical Immunology, 2016, 16, 413-420.	1.1	9
286	An Antibody Against Triggering Receptor Expressed on Myeloid Cells 1 (TREM-1) Dampens Proinflammatory Cytokine Secretion by Lamina Propria Cells from Patients with IBD. Inflammatory Bowel Diseases, 2016, 22, 1803-1811.	0.9	20
287	Characterization of the anti-inflammatory Lactobacillus reuteri BM36301 and its probiotic benefits on aged mice. BMC Microbiology, 2016, 16, 69.	1.3	78
288	Development of SYN-004, an oral beta-lactamase treatment to protect the gut microbiome from antibiotic-mediated damage and prevent Clostridium difficile infection. Anaerobe, 2016, 41, 58-67.	1.0	53
289	The establishment of DOHaD working groups in Australia and New Zealand. Journal of Developmental Origins of Health and Disease, 2016, 7, 433-439.	0.7	7
290	Distinct immune tones are established by Lactococcus lactis BFE920 and Lactobacillus plantarum FGL0001 in the gut of olive flounder (Paralichthys olivaceus). Fish and Shellfish Immunology, 2016, 55, 434-443.	1.6	41
291	Resistance Mechanisms to Immune-Checkpoint Blockade in Cancer: Tumor-Intrinsic and -Extrinsic Factors. Immunity, 2016, 44, 1255-1269.	6.6	797
292	A preliminary study of the oral microbiota in Chinese patients with Sjögren-É™s syndrome. Archives of Oral Biology, 2016, 70, 143-148.	0.8	37
293	From Dietary Fiber to Host Physiology: Short-Chain Fatty Acids as Key Bacterial Metabolites. Cell, 2016, 165, 1332-1345.	13.5	3,962
294	Reply. Gastroenterology, 2016, 150, 286-287.	0.6	1
295	Neurological Complications of Anti-TNF Treatments and Other Neurological Aspects of Inflammatory Bowel Disease. , 2016, , 211-225.		0
296	Gut microbiota lipopolysaccharide accelerates inflamm-aging in mice. BMC Microbiology, 2016, 16, 9.	1.3	148

#	ARTICLE	IF	CITATIONS
297	Deep-fried oil consumption in rats impairs glycerolipid metabolism, gut histology and microbiota structure. <i>Lipids in Health and Disease</i> , 2016, 15, 86.	1.2	38
298	Proteomic Investigation of Photorhabdus Bacteria for Nematode-Host Specificity. <i>Indian Journal of Microbiology</i> , 2016, 56, 361-367.	1.5	7
299	Regulation of virulence: the rise and fall of gastrointestinal pathogens. <i>Journal of Gastroenterology</i> , 2016, 51, 195-205.	2.3	53
300	Oral antibiotics enhance antibody responses to keyhole limpet hemocyanin in orally but not muscularly immunized chickens. <i>Animal Science Journal</i> , 2016, 87, 257-265.	0.6	8
301	Pathogenesis of depression: Insights from human and rodent studies. <i>Neuroscience</i> , 2016, 321, 138-162.	1.1	383
302	Inflammatory bowel disease, colorectal cancer and type 2 diabetes mellitus: The links. <i>BBA Clinical</i> , 2016, 5, 16-24.	4.1	122
303	The safety and feasibility of probiotics in children and adolescents undergoing hematopoietic cell transplantation. <i>Bone Marrow Transplantation</i> , 2016, 51, 262-266.	1.3	94
304	Elevated serum soluble CD14 levels in chronic HBV infection are significantly associated with HBV-related hepatocellular carcinoma. <i>Tumor Biology</i> , 2016, 37, 6607-6617.	0.8	6
305	Galectin-3 suppresses mucosal inflammation and reduces disease severity in experimental colitis. <i>Journal of Molecular Medicine</i> , 2016, 94, 545-556.	1.7	34
306	Microbiota and lifestyle interactions through the lifespan. <i>Trends in Food Science and Technology</i> , 2016, 57, 265-272.	7.8	24
307	Rapid evolution of microbe-mediated protection against pathogens in a worm host. <i>ISME Journal</i> , 2016, 10, 1915-1924.	4.4	165
308	Investigating a holobiont: Microbiota perturbations and transkingdom networks. <i>Gut Microbes</i> , 2016, 7, 126-135.	4.3	38
309	Dysbiosis in intestinal inflammation: Cause or consequence. <i>International Journal of Medical Microbiology</i> , 2016, 306, 302-309.	1.5	121
310	Has provoking microbiota aggression driven the obesity epidemic?. <i>BioEssays</i> , 2016, 38, 122-128.	1.2	31
311	The role of the innate immune system in destruction of pancreatic beta cells in NOD mice and humans with type I diabetes. <i>Journal of Autoimmunity</i> , 2016, 71, 26-34.	3.0	60
312	Natürliche Immunität und ihre Bedeutung für das Mikrobiom. , 2016, , 37-47.		0
313	Obesity, Asthma, and the Microbiome. <i>Physiology</i> , 2016, 31, 108-116.	1.6	26
314	Methodology, Not Concept of Fecal Microbiota Transplantation, Affects Clinical Findings. <i>Gastroenterology</i> , 2016, 150, 285-286.	0.6	15

#	ARTICLE	IF	CITATIONS
315	Apoptotic epithelial cells control the abundance of Treg cells at barrier surfaces. <i>Nature Immunology</i> , 2016, 17, 441-450.	7.0	60
316	Intestinal microbiota sustains inflammation and autoimmunity induced by hypomorphic <i>RAG</i> defects. <i>Journal of Experimental Medicine</i> , 2016, 213, 355-375.	4.2	61
317	Step-up fecal microbiota transplantation (FMT) strategy. <i>Gut Microbes</i> , 2016, 7, 323-328.	4.3	52
318	Inflammatory Bowel Disease and the Risk of Autoimmune Diseases. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 186-193.	0.6	67
319	The microbiome: A key regulator of stress and neuroinflammation. <i>Neurobiology of Stress</i> , 2016, 4, 23-33.	1.9	399
320	Dancing with the Stars: How Choreographed Bacterial Interactions Dictate Nosymbiocity and Give Rise to Keystone Pathogens, Accessory Pathogens, and Pathobionts. <i>Trends in Microbiology</i> , 2016, 24, 477-489.	3.5	224
321	Recent findings on vertebrate developmental immunity using the zebrafish model. <i>Molecular Immunology</i> , 2016, 69, 106-112.	1.0	20
322	Could the gut microbiota reconcile the oral bioavailability conundrum of traditional herbs?. <i>Journal of Ethnopharmacology</i> , 2016, 179, 253-264.	2.0	147
323	Anthocyanins as inflammatory modulators and the role of the gut microbiota. <i>Journal of Nutritional Biochemistry</i> , 2016, 33, 1-7.	1.9	143
324	L13a-dependent translational control in macrophages limits the pathogenesis of colitis. <i>Cellular and Molecular Immunology</i> , 2016, 13, 816-827.	4.8	19
325	Small Intestinal Bacterial Overgrowth. , 2016, , 487-494.		0
326	IL-22BP is produced by eosinophils in human gut and blocks IL-22 protective actions during colitis. <i>Mucosal Immunology</i> , 2016, 9, 539-549.	2.7	79
328	Evolution of gut microbiota composition from birth to 24 weeks in the INFANTMET Cohort. <i>Microbiome</i> , 2017, 5, 4.	4.9	390
329	The Bactericidal Lectin RegIII <sup>Δ2</sup> Prolongs Gut Colonization and Enteropathy in the Streptomycin Mouse Model for Salmonella Diarrhea. <i>Cell Host and Microbe</i> , 2017, 21, 195-207.	5.1	84
330	Bacterial Signaling to the Nervous System through Toxins and Metabolites. <i>Journal of Molecular Biology</i> , 2017, 429, 587-605.	2.0	118
331	Host-Microbiota Interactions Shape Local and Systemic Inflammatory Diseases. <i>Journal of Immunology</i> , 2017, 198, 564-571.	0.4	99
332	Embracing the gut microbiota: the new frontier for inflammatory and infectious diseases. <i>Clinical and Translational Immunology</i> , 2017, 6, e125.	1.7	90
333	Bacterial translocation aggravates CCl <sub>4</sub> -induced liver cirrhosis by regulating CD4 <sup>+</sup> T cells in rats. <i>Scientific Reports</i> , 2017, 7, 40516.	1.6	10

#	ARTICLE	IF	CITATIONS
334	The gastrointestinal tract: properties and role in allogeneic hematopoietic stem cell transplantation. Expert Review of Hematology, 2017, 10, 315-326.	1.0	7
335	New evidences on the altered gut microbiota in autism spectrum disorders. Microbiome, 2017, 5, 24.	4.9	668
336	Gut microbiota and systemic inflammation changes after bread consumption: The ingredients and the processing influence. Journal of Functional Foods, 2017, 32, 98-105.	1.6	23
337	The role of the gut microbiota in sepsis. The Lancet Gastroenterology and Hepatology, 2017, 2, 135-143.	3.7	198
338	Mining the Human Gut Microbiota for Immunomodulatory Organisms. Cell, 2017, 168, 928-943.e11.	13.5	554
339	Fungal Vaccines and Immunotherapeutics: Current Concepts and Future Challenges. Current Fungal Infection Reports, 2017, 11, 16-24.	0.9	6
340	Role of the Intestinal Immune System in Health. , 2017, , 23-56.		2
341	Probiotic mixture improves fatty liver disease by virtue of its action on lipid profiles, leptin, and inflammatory biomarkers. BMC Complementary and Alternative Medicine, 2017, 17, 43.	3.7	74
342	Faecal microbiota transplantation protects against radiation-induced toxicity. EMBO Molecular Medicine, 2017, 9, 448-461.	3.3	220
343	Dysbiosis and zonulin upregulation alter gut epithelial and vascular barriers in patients with ankylosing spondylitis. Annals of the Rheumatic Diseases, 2017, 76, 1123-1132.	0.5	226
344	Thirty years of endoscopic sinus surgery: What have we learned?. World Journal of Otorhinolaryngology - Head and Neck Surgery, 2017, 3, 115-121.	0.7	52
345	Influence of diet on the gut microbiome and implications for human health. Journal of Translational Medicine, 2017, 15, 73.	1.8	1,714
346	Dietary intake of fibers: differential effects in men and women on perceived general health and immune functioning. Food and Nutrition Research, 2017, 61, 1297053.	1.2	32
347	Chemotherapy-induced intestinal inflammatory responses are mediated by exosome secretion of double-strand DNA via AIM2 inflammasome activation. Cell Research, 2017, 27, 784-800.	5.7	149
348	Neonatal acquisition of <i>Clostridia</i> species protects against colonization by bacterial pathogens. Science, 2017, 356, 315-319.	6.0	199
350	Gastrointestinal Pharmacology. Handbook of Experimental Pharmacology, 2017, , .	0.9	13
351	The influence of a probiotic supplementation on memory in quail suggests a role of gut microbiota on cognitive abilities in birds. Behavioural Brain Research, 2017, 331, 47-53.	1.2	38
352	Compositional Changes in the Gut Mucus Microbiota Precede the Onset of Colitis-Induced Inflammation. Inflammatory Bowel Diseases, 2017, 23, 912-922.	0.9	47

#	ARTICLE	IF	CITATIONS
353	Distinct Histone Modifications Modulate DEFB1 Expression in Human Vaginal Keratinocytes in Response to Lactobacillus spp.. Probiotics and Antimicrobial Proteins, 2017, 9, 406-414.	1.9	9
354	Emulating Host-Microbiome Ecosystem of Human Gastrointestinal Tract in Vitro. Stem Cell Reviews and Reports, 2017, 13, 321-334.	5.6	66
355	MÃ©nage Ã trois in the human gut: interactions between host, bacteria and phages. Nature Reviews Microbiology, 2017, 15, 397-408.	13.6	277
356	Microbiome and colorectal cancer: Unraveling host-microbiota interactions in colitis-associated colorectal cancer development. Seminars in Immunology, 2017, 32, 3-13.	2.7	116
357	The Microbiota: A New Variable Impacting Cancer Treatment Outcomes. Clinical Cancer Research, 2017, 23, 3229-3231.	3.2	18
358	Changes in gut microbiota of migratory passerines during stopover after crossing an ecological barrier. Auk, 2017, 134, 137-145.	0.7	45
359	Epigenetic and gene expression analysis of ankylosing spondylitis-associated loci implicate immune cells and the gut in the disease pathogenesis. Genes and Immunity, 2017, 18, 135-143.	2.2	23
360	Long-term consumption of caffeine-free high sucrose cola beverages aggravates the pathogenesis of EAE in mice. Cell Discovery, 2017, 3, 17020.	3.1	21
361	Early Gut Microbiota Intervention Suppresses DSS-Induced Inflammatory Responses by Deactivating TLR/NLR Signalling in Pigs. Scientific Reports, 2017, 7, 3224.	1.6	39
362	Gut Microbiota Dysbiosis in Postweaning Piglets: Understanding the Keys to Health. Trends in Microbiology, 2017, 25, 851-873.	3.5	591
363	Diagnostic Bacteriology. Methods in Molecular Biology, 2017, , .	0.4	3
364	TGF-Î² in inflammatory bowel disease: a key regulator of immune cells, epithelium, and the intestinal microbiota. Journal of Gastroenterology, 2017, 52, 777-787.	2.3	193
365	Selective Induction of Homeostatic Th17 Cells in the Murine Intestine by Cholera Toxin Interacting with the Microbiota. Journal of Immunology, 2017, 199, 312-322.	0.4	18
366	The interplay between host immune cells and gut microbiota in chronic inflammatory diseases. Experimental and Molecular Medicine, 2017, 49, e339-e339.	3.2	146
367	Intestinal dysbiosis and probiotic applications in autoimmune diseases. Immunology, 2017, 152, 1-12.	2.0	243
368	Blockade of interleukin-6 receptor in the periphery promotes rapid and sustained antidepressant actions: a possible role of gut-â€microbiotaâ€-brain axis. Translational Psychiatry, 2017, 7, e1138-e1138.	2.4	129
369	Ribosomal PCR assay of excised intervertebral discs from patients undergoing single-level primary lumbar microdiscectomy. European Spine Journal, 2017, 26, 2038-2044.	1.0	9
370	Infections of Wolbachia may destabilize mosquito population dynamics. Journal of Theoretical Biology, 2017, 428, 98-105.	0.8	8

#	ARTICLE	IF	CITATIONS
371	NLRC3 regulates cellular proliferation and apoptosis to attenuate the development of colorectal cancer. <i>Cell Cycle</i> , 2017, 16, 1243-1251.	1.3	60
372	Characterization of Sinus Microbiota by 16S Sequencing from Swabs. <i>Methods in Molecular Biology</i> , 2017, 1616, 23-38.	0.4	5
373	Elevated trimethylamine- <i>N</i> -oxide (TMAO) is associated with poor prognosis in primary sclerosing cholangitis patients with normal liver function. <i>United European Gastroenterology Journal</i> , 2017, 5, 532-541.	1.6	20
374	Microbiota-targeted therapies on the intensive care unit. <i>Current Opinion in Critical Care</i> , 2017, 23, 167-174.	1.6	47
375	Microbiota regulate intestinal epithelial gene expression by suppressing the transcription factor Hepatocyte nuclear factor 4 alpha. <i>Genome Research</i> , 2017, 27, 1195-1206.	2.4	101
376	IL-17 and IL-22 in immunity: Driving protection and pathology. <i>European Journal of Immunology</i> , 2017, 47, 607-614.	1.6	264
377	The Host Microbiome Regulates and Maintains Human Health: A Primer and Perspective for Non-Microbiologists. <i>Cancer Research</i> , 2017, 77, 1783-1812.	0.4	270
378	The microbiome in health and disease: a new role of microbes in molecular medicine. <i>Journal of Molecular Medicine</i> , 2017, 95, 1-3.	1.7	59
379	The Role of the Gastrointestinal Microbiota in Visceral Pain. <i>Handbook of Experimental Pharmacology</i> , 2017, 239, 269-287.	0.9	47
380	The Anti-Inflammatory Effect and Intestinal Barrier Protection of HU210 Differentially Depend on TLR4 Signaling in Dextran Sulfate Sodium-Induced Murine Colitis. <i>Digestive Diseases and Sciences</i> , 2017, 62, 372-386.	1.1	23
381	Antibiotic-induced gut microbiota disruption during human endotoxemia: a randomised controlled study. <i>Gut</i> , 2017, 66, 1623-1630.	6.1	69
382	The synergy between ionizing radiation and immunotherapy in the treatment of prostate cancer. <i>Immunotherapy</i> , 2017, 9, 1005-1018.	1.0	2
383	Distinct Microbial Communities Trigger Colitis Development upon Intestinal Barrier Damage via Innate or Adaptive Immune Cells. <i>Cell Reports</i> , 2017, 21, 994-1008.	2.9	105
384	Intestinal barrier and gut microbiota: Shaping our immune responses throughout life. <i>Tissue Barriers</i> , 2017, 5, e1373208.	1.6	501
385	Targeting Innate Immunity for Type 1 Diabetes Prevention. <i>Current Diabetes Reports</i> , 2017, 17, 113.	1.7	11
386	Commensal <i>Lactobacillus</i> Controls Immune Tolerance during Acute Liver Injury in Mice. <i>Cell Reports</i> , 2017, 21, 1215-1226.	2.9	67
387	R-Spondin1 expands Paneth cells and prevents dysbiosis induced by graft-versus-host disease. <i>Journal of Experimental Medicine</i> , 2017, 214, 3507-3518.	4.2	96
388	Functional amplification and preservation of human gut microbiota. <i>Microbial Ecology in Health and Disease</i> , 2017, 28, 1308070.	3.8	10

#	ARTICLE	IF	CITATIONS
389	<i>Helicobacter</i> species are potent drivers of colonic T cell responses in homeostasis and inflammation. <i>Science Immunology</i> , 2017, 2, .	5.6	100
390	Immunomodulatory Properties of Plants and Mushrooms. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 967-981.	4.0	50
391	Gut microbiota: Role in pathogen colonization, immune responses, and inflammatory disease. <i>Immunological Reviews</i> , 2017, 279, 70-89.	2.8	1,015
392	Timing the Microbes: The Circadian Rhythm of the Gut Microbiome. <i>Journal of Biological Rhythms</i> , 2017, 32, 505-515.	1.4	95
393	Role of the gastrointestinal microbiota in small animal health and disease. <i>Veterinary Record</i> , 2017, 181, 370-370.	0.2	54
394	Regulation of Inflammatory Signaling in Health and Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017, , .	0.8	7
395	Inflammasomes in the Gut Mucosal Homeostasis. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1024, 133-151.	0.8	5
396	Role of the intestinal microbiota in the immunomodulation of influenza virus infection. <i>Microbes and Infection</i> , 2017, 19, 570-579.	1.0	53
397	Gut microbiota from multiple sclerosis patients enables spontaneous autoimmune encephalomyelitis in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10719-10724.	3.3	666
398	Extracellular-matrix-mediated osmotic pressure drives <i>Vibrio cholerae</i> biofilm expansion and cheater exclusion. <i>Nature Communications</i> , 2017, 8, 327.	5.8	119
399	Stability in metabolic phenotypes and inferred metagenome profiles before the onset of colitis-induced inflammation. <i>Scientific Reports</i> , 2017, 7, 8836.	1.6	11
400	Intestinal microbiome in scleroderma: recent progress. <i>Current Opinion in Rheumatology</i> , 2017, 29, 553-560.	2.0	34
401	Empirical modeling of T cell activation predicts interplay of host cytokines and bacterial indole. <i>Biotechnology and Bioengineering</i> , 2017, 114, 2660-2667.	1.7	13
402	Commensal Gut Microbiota Immunomodulatory Actions in Bone Marrow and Liver have Catabolic Effects on Skeletal Homeostasis in Health. <i>Scientific Reports</i> , 2017, 7, 5747.	1.6	83
403	Carrageenan-induced colitis is associated with decreased population of anti-inflammatory bacterium, <i>Akkermansia muciniphila</i> , in the gut microbiota of C57BL/6J mice. <i>Toxicology Letters</i> , 2017, 279, 87-95.	0.4	130
404	Modulation of piglets' microbiota: differential effects by a high wheat bran maternal diet during gestation and lactation. <i>Scientific Reports</i> , 2017, 7, 7426.	1.6	38
405	Commensal microbiota maintains alveolar macrophages with a low level of CCL24 production to generate anti-metastatic tumor activity. <i>Scientific Reports</i> , 2017, 7, 7471.	1.6	24
406	MAHMI database: a comprehensive MetaHit-based resource for the study of the mechanism of action of the human microbiota. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, baw157.	1.4	29



#	ARTICLE	IF	CITATIONS
407	Gut microbiome response to short-term dietary interventions in reactive hypoglycemia subjects. <i>Diabetes/Metabolism Research and Reviews</i> , 2017, 33, e2927.	1.7	14
408	Lessons from CTLA-4 deficiency and checkpoint inhibition. <i>Current Opinion in Immunology</i> , 2017, 49, 14-19.	2.4	64
409	Intestinal Dysbiosis and Biotin Deprivation Induce Alopecia through Overgrowth of <i>Lactobacillus murinus</i> in Mice. <i>Cell Reports</i> , 2017, 20, 1513-1524.	2.9	93
411	Evaluating the impact of domestication and captivity on the horse gut microbiome. <i>Scientific Reports</i> , 2017, 7, 15497.	1.6	112
412	Selective killing of <i>Helicobacter pylori</i> with pH-responsive helix-coil conformation transitionable antimicrobial polypeptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 12675-12680.	3.3	121
413	An intact gut microbiota may be required for lactoferrin-driven immunomodulation in rats. <i>Journal of Functional Foods</i> , 2017, 39, 268-278.	1.6	13
414	Human Secretory IgM Emerges from Plasma Cells Clonally Related to Gut Memory B Cells and Targets Highly Diverse Commensals. <i>Immunity</i> , 2017, 47, 118-134.e8.	6.6	151
415	Mucosal immune system of the gastrointestinal tract: maintaining balance between the good and the bad. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 1185-1193.	0.6	146
416	Comparative analysis between aerial parts and roots ( <i>Astragali Radix</i> ) of <i>Astragalus membranaceus</i> by NMR-based metabolomics. <i>Food and Agricultural Immunology</i> , 2017, 28, 1126-1141.	0.7	8
417	The microbiota and autoimmunity: Their role in thyroid autoimmune diseases. <i>Clinical Immunology</i> , 2017, 183, 63-74.	1.4	91
418	Multiple fresh fecal microbiota transplants induces and maintains clinical remission in Crohn's disease complicated with inflammatory mass. <i>Scientific Reports</i> , 2017, 7, 4753.	1.6	73
419	The potential role of fecal microbiota transplantation in the treatment of inflammatory Bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , 2017, 52, 1172-1184.	0.6	7
420	Microbiota induces tonic CCL2 systemic levels that control pDC trafficking in steady state. <i>Mucosal Immunology</i> , 2017, 10, 936-945.	2.7	25
421	Effects of long-term <i>Bacillus subtilis</i> CGMCC 1.921 supplementation on performance, egg quality, and fecal and cecal microbiota of laying hens. <i>Poultry Science</i> , 2017, 96, 1280-1289.	1.5	45
422	H9N2-specific IgG and CD4+ CD25+ T cells in broilers fed a diet supplemented with organic acids. <i>Poultry Science</i> , 2017, 96, 1063-1070.	1.5	16
423	Probiotics, gut microbiota, and their influence on host health and disease. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600240.	1.5	678
424	Is there a role for gut microbiota in type 1 diabetes pathogenesis?. <i>Annals of Medicine</i> , 2017, 49, 11-22.	1.5	73
425	Mechanisms of inflammation-driven bacterial dysbiosis in the gut. <i>Mucosal Immunology</i> , 2017, 10, 18-26.	2.7	533



#	ARTICLE	IF	CITATIONS
426	Cellular and molecular effects of yeast probiotics on cancer. <i>Critical Reviews in Microbiology</i> , 2017, 43, 96-115.	2.7	51
427	Chronic systemic inflammation originating from epithelial tissues. <i>FEBS Journal</i> , 2017, 284, 505-516.	2.2	19
428	Oxidized LDL at the crossroads of immunity in non-alcoholic steatohepatitis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 416-429.	1.2	17
429	Life history and eco-evolutionary dynamics in light of the gut microbiota. <i>Oikos</i> , 2017, 126, 508-531.	1.2	139
430	Nonclassic Inflammatory Bowel Disease in Young Infants. <i>Pediatric Clinics of North America</i> , 2017, 64, 139-160.	0.9	15
431	Gut instincts: microbiota as a key regulator of brain development, ageing and neurodegeneration. <i>Journal of Physiology</i> , 2017, 595, 489-503.	1.3	520
432	Recurrent infection progressively disables host protection against intestinal inflammation. <i>Science</i> , 2017, 358, .	6.0	72
433	Celiac Disease, the Microbiome, and Probiotics. , 2017, , 365-371.		1
434	Update on research and clinical translation on specific clinical areas from biology to bedside: Unpacking the mysteries of juvenile idiopathic arthritis pathogenesis. <i>Best Practice and Research in Clinical Rheumatology</i> , 2017, 31, 460-475.	1.4	8
435	Characterizing the gut microbiome in trauma: significant changes in microbial diversity occur early after severe injury. <i>Trauma Surgery and Acute Care Open</i> , 2017, 2, e000108.	0.8	83
436	Analysis of the Specificity of IgA Antibodies Produced in the Mouse Small Intestine. <i>Molecular Biology</i> , 2017, 51, 813-818.	0.4	0
437	Fecal microbiota transplantation induces remission of infantile allergic colitis through gut microbiota re-establishment. <i>World Journal of Gastroenterology</i> , 2017, 23, 8570-8581.	1.4	44
438	Shifts in the Gut Microbiota Composition Due to Depleted Bone Marrow Beta Adrenergic Signaling Are Associated with Suppressed Inflammatory Transcriptional Networks in the Mouse Colon. <i>Frontiers in Physiology</i> , 2017, 8, 220.	1.3	28
439	Gut Microbiome Response to Sucralose and Its Potential Role in Inducing Liver Inflammation in Mice. <i>Frontiers in Physiology</i> , 2017, 8, 487.	1.3	184
440	Interleukin-6 in Schizophrenia—Is There a Therapeutic Relevance?. <i>Frontiers in Psychiatry</i> , 2017, 8, 221.	1.3	59
441	Type 1 Diabetes: Urinary Proteomics and Protein Network Analysis Support Perturbation of Lysosomal Function. <i>Theranostics</i> , 2017, 7, 2704-2717.	4.6	30
442	Alimentary System and the Peritoneum, Omentum, Mesentery, and Peritoneal Cavity. , 2017, , 324-411.e1.		24
443	Effects of Short-Term Probiotic Ingestion on Immune Profiles and Microbial Translocation among HIV-1-Infected Vietnamese Children. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2185.	1.8	27

#	ARTICLE	IF	CITATIONS
444	Bridging the Gap between Gut Microbial Dysbiosis and Cardiovascular Diseases. <i>Nutrients</i> , 2017, 9, 859.	1.7	132
445	Differences of Rotavirus Vaccine Effectiveness by Country: Likely Causes and Contributing Factors. <i>Pathogens</i> , 2017, 6, 65.	1.2	105
446	The Th17 Lineage: From Barrier Surfaces Homeostasis to Autoimmunity, Cancer, and HIV-1 Pathogenesis. <i>Viruses</i> , 2017, 9, 303.	1.5	85
447	Gut "CNS-Axis as Possibility to Modulate Inflammatory Disease Activity" Implications for Multiple Sclerosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1526.	1.8	37
448	Familial Mediterranean Fever: Recent Developments in Pathogenesis and New Recommendations for Management. <i>Frontiers in Immunology</i> , 2017, 8, 253.	2.2	135
449	The Microbiota and Epigenetic Regulation of T Helper 17/Regulatory T Cells: In Search of a Balanced Immune System. <i>Frontiers in Immunology</i> , 2017, 8, 417.	2.2	103
450	(âˆ†)-Epigallocatechin Gallate Targets Notch to Attenuate the Inflammatory Response in the Immediate Early Stage in Human Macrophages. <i>Frontiers in Immunology</i> , 2017, 8, 433.	2.2	30
451	Application of Zebrafish Models in Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2017, 8, 501.	2.2	32
452	Interactions between Intestinal Microbiota and Host Immune Response in Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2017, 8, 942.	2.2	249
453	Detection of Increased Plasma Interleukin-6 Levels and Prevalence of <i>Prevotella copri</i> and <i>Bacteroides vulgatus</i> in the Feces of Type 2 Diabetes Patients. <i>Frontiers in Immunology</i> , 2017, 8, 1107.	2.2	113
454	The Immune System Bridges the Gut Microbiota with Systemic Energy Homeostasis: Focus on TLRs, Mucosal Barrier, and SCFAs. <i>Frontiers in Immunology</i> , 2017, 8, 1353.	2.2	134
455	Butyrate Conditions Human Dendritic Cells to Prime Type 1 Regulatory T Cells via both Histone Deacetylase Inhibition and G Protein-Coupled Receptor 109A Signaling. <i>Frontiers in Immunology</i> , 2017, 8, 1429.	2.2	120
456	Visceral Inflammation and Immune Activation Stress the Brain. <i>Frontiers in Immunology</i> , 2017, 8, 1613.	2.2	50
457	Antibiotic-Induced Pathobiont Dissemination Accelerates Mortality in Severe Experimental Pancreatitis. <i>Frontiers in Immunology</i> , 2017, 8, 1890.	2.2	27
458	Modulation of the Gut Microbiota by Krill Oil in Mice Fed a High-Sugar High-Fat Diet. <i>Frontiers in Microbiology</i> , 2017, 8, 905.	1.5	54
459	Altered Cytokine Expression and Barrier Properties after In Vitro Infection of Porcine Epithelial Cells with Enterotoxigenic <i>Escherichia coli</i> and Probiotic <i>Enterococcus faecium</i> . <i>Mediators of Inflammation</i> , 2017, 2017, 1-13.	1.4	13
460	The Intricate Link among Gut "Immunological Niche," Microbiota, and Xenobiotics in Intestinal Pathology. <i>Mediators of Inflammation</i> , 2017, 2017, 1-12.	1.4	27
461	The Role of Intestinal Alkaline Phosphatase in Inflammatory Disorders of Gastrointestinal Tract. <i>Mediators of Inflammation</i> , 2017, 2017, 1-9.	1.4	116

#	ARTICLE	IF	CITATIONS
462	Microbiome. , 2017, , 569-583.		9
463	Desired Turbulence? Gut-Lung Axis, Immunity, and Lung Cancer. Journal of Oncology, 2017, 2017, 1-15.	0.6	171
464	Host-microbial Cross-talk in Inflammatory Bowel Disease. Immune Network, 2017, 17, 1.	1.6	147
465	The association between environmental exposures during childhood and the subsequent development of Crohn's disease: A score analysis approach. PLoS ONE, 2017, 12, e0171742.	1.1	2
466	Contribution of sortase SrtA2 to Lactobacillus casei BL23 inhibition of Staphylococcus aureus internalization into bovine mammary epithelial cells. PLoS ONE, 2017, 12, e0174060.	1.1	14
467	Gene expression profiling of the mouse gut: Effect of intestinal flora on intestinal health. Molecular Medicine Reports, 2018, 17, 3667-3673.	1.1	5
468	The evolutionary and coevolutionary consequences of defensive microbes for host-parasite interactions. BMC Evolutionary Biology, 2017, 17, 190.	3.2	22
469	The impact of age and gut microbiota on Th17 and Tfh cells in K/BxN autoimmune arthritis. Arthritis Research and Therapy, 2017, 19, 188.	1.6	35
470	Longitudinal profiling reveals a persistent intestinal dysbiosis triggered by conventional anti-tuberculosis therapy. Microbiome, 2017, 5, 71.	4.9	117
471	The Inuit gut microbiome is dynamic over time and shaped by traditional foods. Microbiome, 2017, 5, 151.	4.9	53
472	The nasopharyngeal microbiome. Emerging Topics in Life Sciences, 2017, 1, 297-312.	1.1	14
473	PD-1 deficiency protects experimental colitis via alteration of gut microbiota. BMB Reports, 2017, 50, 578-583.	1.1	13
474	A New Class of Pharmabiotics With Unique Properties. , 2017, , 79-107.		3
475	Microbiota Influences Vaccine and Mucosal Adjuvant Efficacy. Immune Network, 2017, 17, 20.	1.6	19
476	Gut Microbial Metabolism in Health and Disease. , 2017, , 835-856.		0
477	Prevention of Atherosclerosis Via Modulating Intestinal Immunity and Metabolism ~Gut Bacterial Flora and Atherosclerotic Cardiovascular Diseases~. Nihon Ika Daigaku Igakkai Zasshi, 2017, 13, 205-209.	0.0	0
478	Probiotics in allergy treatment: a literature review. Revista Espanola De Nutricion Humana Y Dietetica, 2017, 21, 293-299.	0.1	5
479	A Cross-Talk Between Microbiota-Derived Short-Chain Fatty Acids and the Host Mucosal Immune System Regulates Intestinal Homeostasis and Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2018, 24, 558-572.	0.9	276

#	ARTICLE	IF	CITATIONS
480	The Gastrointestinal Microbiome: A Review. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 9-25.	0.6	433
481	Unmasking Fucosylation: from Cell Adhesion to Immune System Regulation and Diseases. <i>Cell Chemical Biology</i> , 2018, 25, 499-512.	2.5	156
482	Gut microbiota in the burying beetle, <i>Nicrophorus vespilloides</i> , provide colonization resistance against larval bacterial pathogens. <i>Ecology and Evolution</i> , 2018, 8, 1646-1654.	0.8	42
483	Microbial Signatures as a Predictive Tool in IBD—Pearls and Pitfalls. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 1123-1132.	0.9	10
484	Chromogranin-A and its derived peptides and their pharmacological effects during intestinal inflammation. <i>Biochemical Pharmacology</i> , 2018, 152, 315-326.	2.0	32
485	The human gut microbiota: Metabolism and perspective in obesity. <i>Gut Microbes</i> , 2018, 9, 1-18.	4.3	304
486	Oral insulin does not alter gut microbiota composition of NOD mice. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e3010.	1.7	5
487	The impact of a helminth-modified microbiome on host immunity. <i>Mucosal Immunology</i> , 2018, 11, 1039-1046.	2.7	106
488	Antibacterial Weapons: Targeted Destruction in the Microbiota. <i>Trends in Microbiology</i> , 2018, 26, 329-338.	3.5	106
489	Gut microbiota and probiotics intervention: A potential therapeutic target for management of cardiometabolic disorders and chronic kidney disease?. <i>Pharmacological Research</i> , 2018, 130, 152-163.	3.1	66
490	Microbial community and short-chain fatty acid profile in gastrointestinal tract of goose. <i>Poultry Science</i> , 2018, 97, 1420-1428.	1.5	46
491	Microbiota Signaling Pathways that Influence Neurologic Disease. <i>Neurotherapeutics</i> , 2018, 15, 135-145.	2.1	127
492	c-MAF-dependent regulatory T cells mediate immunological tolerance to a gut pathobiont. <i>Nature</i> , 2018, 554, 373-377.	13.7	379
493	Microbiota regulate the development and function of the immune cells. <i>International Reviews of Immunology</i> , 2018, 37, 79-89.	1.5	19
494	Overview and systematic review of studies of microbiome in schizophrenia and bipolar disorder. <i>Journal of Psychiatric Research</i> , 2018, 99, 50-61.	1.5	151
495	Synthesis of Stachyobifiose Using Bifidobacterial $\beta$ -Galactosidase Purified from Recombinant <i>Escherichia coli</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 1184-1190.	2.4	12
496	An Integrated View of Immunometabolism. <i>Cell</i> , 2018, 172, 22-40.	13.5	326
497	Micromotors Go In Vivo: From Test Tubes to Live Animals. <i>Advanced Functional Materials</i> , 2018, 28, 1705640.	7.8	106

#	ARTICLE	IF	CITATIONS
498	Gut-Bioreactor and Human Health in Future. <i>Indian Journal of Microbiology</i> , 2018, 58, 3-7.	1.5	9
499	The Microbial Community of Tardigrades: Environmental Influence and Species Specificity of Microbiome Structure and Composition. <i>Microbial Ecology</i> , 2018, 76, 467-481.	1.4	28
500	Metagenomic and metabolomic analyses unveil dysbiosis of gut microbiota in chronic heart failure patients. <i>Scientific Reports</i> , 2018, 8, 635.	1.6	218
501	Dark matter in host-microbiome metabolomics: Tackling the unknowns—A review. <i>Analytica Chimica Acta</i> , 2018, 1037, 13-27.	2.6	108
502	Gut microbiome modulates efficacy of immune checkpoint inhibitors. <i>Journal of Hematology and Oncology</i> , 2018, 11, 47.	6.9	138
503	Interleukin-22-deficiency and microbiota contribute to the exacerbation of <i>Toxoplasma gondii</i> -induced intestinal inflammation. <i>Mucosal Immunology</i> , 2018, 11, 1181-1190.	2.7	29
504	Dimethyl fumarate targets GAPDH and aerobic glycolysis to modulate immunity. <i>Science</i> , 2018, 360, 449-453.	6.0	489
505	Contributory Role of Gut Microbiota and Their Metabolites Toward Cardiovascular Complications in Chronic Kidney Disease. <i>Seminars in Nephrology</i> , 2018, 38, 193-205.	0.6	40
506	Of genes and microbes: solving the intricacies in host genomes. <i>Protein and Cell</i> , 2018, 9, 446-461.	4.8	34
507	Efficacy of prophylactic probiotics in combination with antibiotics versus antibiotics alone for colorectal surgery: A meta-analysis of randomized controlled trials. <i>Journal of Surgical Oncology</i> , 2018, 117, 1394-1404.	0.8	16
508	Impact of dietary compounds on cancer-related gut microbiota and microRNA. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 4291-4303.	1.7	15
509	Towards precision medicine in sepsis: a position paper from the European Society of Clinical Microbiology and Infectious Diseases. <i>Clinical Microbiology and Infection</i> , 2018, 24, 1264-1272.	2.8	107
510	What causes the spatial heterogeneity of bacterial flora in the intestine of zebrafish larvae?. <i>Journal of Theoretical Biology</i> , 2018, 446, 101-109.	0.8	3
511	Donkey milk consumption exerts anti-inflammatory properties by normalizing antimicrobial peptides levels in Paneth's cells in a model of ileitis in mice. <i>European Journal of Nutrition</i> , 2018, 57, 155-166.	1.8	40
512	Dietary effects of soybean products on gut microbiota and immunity of aquatic animals: A review. <i>Aquaculture Nutrition</i> , 2018, 24, 644-665.	1.1	138
513	Anti-arthritic activity of cell wall content of <i>Lactobacillus plantarum</i> in Freund's adjuvant-induced arthritic rats: involvement of cellular inflammatory mediators and other biomarkers. <i>Inflammopharmacology</i> , 2018, 26, 171-181.	1.9	20
514	Bile acid-microbiota crosstalk in gastrointestinal inflammation and carcinogenesis. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 111-128.	8.2	1,100
515	Harnessing Gut Microbes for Mental Health: Getting From Here to There. <i>Biological Psychiatry</i> , 2018, 83, 214-223.	0.7	129

#	ARTICLE	IF	CITATIONS
516	Beyond gut feelings: how the gut microbiota regulates blood pressure. <i>Nature Reviews Cardiology</i> , 2018, 15, 20-32.	6.1	287
517	The role of gut microbiota in the pathogenesis of rheumatic diseases. <i>Clinical Rheumatology</i> , 2018, 37, 25-34.	1.0	83
518	Human Gut Microbiome: Function Matters. <i>Trends in Microbiology</i> , 2018, 26, 563-574.	3.5	458
519	Reshaped fecal gut microbiota composition by the intake of high molecular weight persimmon tannin in normal and high-cholesterol diet-fed rats. <i>Food and Function</i> , 2018, 9, 541-551.	2.1	31
520	Combined therapies to treat complex diseases: The role of the gut microbiota in multiple sclerosis. <i>Autoimmunity Reviews</i> , 2018, 17, 165-174.	2.5	82
521	Cellular Bioparticulates with Therapeutics for Cancer Immunotherapy. <i>Bioconjugate Chemistry</i> , 2018, 29, 702-708.	1.8	17
522	CCL28-Deficient Mice Have Reduced IgA Antibody-Secreting Cells and an Altered Microbiota in the Colon. <i>Journal of Immunology</i> , 2018, 200, 800-809.	0.4	29
523	The anti-inflammatory IFITM genes ameliorate colitis and partially protect from tumorigenesis by changing immunity and microbiota. <i>Immunology and Cell Biology</i> , 2018, 96, 284-297.	1.0	38
524	The Microbiota Regulates Immunity and Immunologic Diseases in Dogs and Cats. <i>Veterinary Clinics of North America - Small Animal Practice</i> , 2018, 48, 307-322.	0.5	58
525	Are the decrease in circulating anti- $\beta$ 1,3-Gal IgG and the lower content of galactosyl transferase A1 in the microbiota of patients with multiple sclerosis a novel environmental risk factor for the disease?. <i>Molecular Immunology</i> , 2018, 93, 162-165.	1.0	13
526	Utilizing gnotobiotic models to inform the role of the microbiome in vaccine response heterogeneity. <i>Current Opinion in HIV and AIDS</i> , 2018, 13, 1-8.	1.5	8
527	Colonic aberrant crypt formation accompanies an increase of opportunistic pathogenic bacteria in C57BL/6 mice fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2018, 54, 18-27.	1.9	52
528	The role of <i>Blastocystis hominis</i> in the activation of ulcerative colitis. <i>Turkish Journal of Gastroenterology</i> , 2018, 30, 40-46.	0.4	14
529	Bronchoalveolar lavage fluid microbiota dysbiosis in infants with protracted bacterial bronchitis. <i>Journal of Thoracic Disease</i> , 2018, 10, 168-174.	0.6	15
530	Probiotics in Pediatric Severe Sepsis. <i>Critical Care Medicine</i> , 2018, 46, 1707-1708.	0.4	1
531	The role of gut microbiota in juvenile idiopathic arthritis. <i>Biotechnology and Biotechnological Equipment</i> , 2018, 32, 1081-1086.	0.5	0
532	Significance and impact of dietary factors on systemic lupus erythematosus pathogenesis (Review). <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 1085-1090.	0.8	53
533	Elevated Seawater Temperatures Decrease Microbial Diversity in the Gut of <i>Mytilus coruscus</i> . <i>Frontiers in Physiology</i> , 2018, 9, 839.	1.3	77

#	ARTICLE	IF	CITATIONS
534	Effect of an extruded animal protein-free diet on fecal microbiota of dogs with food-responsive enteropathy. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 1903-1910.	0.6	44
535	Antibiotic-Induced Dysbiosis of Gut Microbiota Impairs Corneal Nerve Regeneration by Affecting CCR2-Negative Macrophage Distribution. <i>American Journal of Pathology</i> , 2018, 188, 2786-2799.	1.9	32
536	An Insight Into the Intestinal Web of Mucosal Immunity, Microbiota, and Diet in Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 2617.	2.2	70
537	Probiotics-fermented <i>Massa Medicata Fermentata</i> ameliorates weaning stress in piglets related to improving intestinal homeostasis. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10713-10727.	1.7	57
538	The Evolution of Living Beings Started with Prokaryotes and in Interaction with Prokaryotes. , 2018, , 241-338.		2
540	Flavonoids and Colorectal Cancer Prevention. <i>Antioxidants</i> , 2018, 7, 187.	2.2	51
541	Novel perspectives on fermented milks and cardiometabolic health with a focus on type 2 diabetes. <i>Nutrition Reviews</i> , 2018, 76, 16-28.	2.6	43
542	Alteration of Intestinal Flora Stimulates Pulmonary microRNAs to Interfere with Host Antiviral Immunity in Influenza. <i>Molecules</i> , 2018, 23, 3151.	1.7	16
543	Intestinal microbiota mediates Enterotoxigenic <i>Escherichia coli</i> -induced diarrhea in piglets. <i>BMC Veterinary Research</i> , 2018, 14, 385.	0.7	92
544	Effects of prebiotic galacto-oligosaccharide on postoperative cognitive dysfunction and neuroinflammation through targeting of the gut-brain axis. <i>BMC Anesthesiology</i> , 2018, 18, 177.	0.7	78
545	A Systematic Overview of Type II and III Toxin-Antitoxin Systems with a Focus on Druggability. <i>Toxins</i> , 2018, 10, 515.	1.5	47
546	<i>Galleria mellonella</i> : A Novel Invertebrate Model to Distinguish Intestinal Symbionts From Pathobionts. <i>Frontiers in Immunology</i> , 2018, 9, 2114.	2.2	37
547	Oleylethanolamide treatment affects gut microbiota composition and the expression of intestinal cytokines in Peyer's patches of mice. <i>Scientific Reports</i> , 2018, 8, 14881.	1.6	39
548	G Protein-Coupled Receptor 109A and Host Microbiota Modulate Intestinal Epithelial Integrity During Sepsis. <i>Frontiers in Immunology</i> , 2018, 9, 2079.	2.2	34
549	The oral microbiota: dynamic communities and host interactions. <i>Nature Reviews Microbiology</i> , 2018, 16, 745-759.	13.6	1,143
550	Gut Microbiota and Iron: The Crucial Actors in Health and Disease. <i>Pharmaceuticals</i> , 2018, 11, 98.	1.7	186
551	Fecal Microbiota Transplantation Beneficially Regulates Intestinal Mucosal Autophagy and Alleviates Gut Barrier Injury. <i>MSystems</i> , 2018, 3, .	1.7	94
552	Prologue: About DAMPs, PAMPs, and MAMPs. , 2018, , 191-217.		1



#	ARTICLE	IF	CITATIONS
553	An Interleukin-23-Interleukin-22 Axis Regulates Intestinal Microbial Homeostasis to Protect from Diet-Induced Atherosclerosis. <i>Immunity</i> , 2018, 49, 943-957.e9.	6.6	118
554	Commensal <i>Escherichia coli</i> Strains Can Promote Intestinal Inflammation via Differential Interleukin-6 Production. <i>Frontiers in Immunology</i> , 2018, 9, 2318.	2.2	80
555	Evaluation of different mucosal microbiota leads to gut microbiota-based prediction of type 1 diabetes in NOD mice. <i>Scientific Reports</i> , 2018, 8, 15451.	1.6	59
556	Rab32-related antimicrobial pathway is involved in the progression of dextran sodium sulfate-induced colitis. <i>FEBS Open Bio</i> , 2018, 8, 1658-1668.	1.0	6
557	The Role of Gut Microbiota in Atherosclerosis and Hypertension. <i>Frontiers in Pharmacology</i> , 2018, 9, 1082.	1.6	164
558	A metagenome-wide association study of gut microbiota in asthma in UK adults. <i>BMC Microbiology</i> , 2018, 18, 114.	1.3	77
559	Microbiomarkers Discovery in Inflammatory Bowel Diseases using Network-Based Feature Selection. , 2018, , .		6
560	The Microbiome and Tuberculosis: Early Evidence for Cross Talk. <i>MBio</i> , 2018, 9, .	1.8	71
561	Role of Short Chain Fatty Acids in Controlling Tregs and Immunopathology During Mucosal Infection. <i>Frontiers in Microbiology</i> , 2018, 9, 1995.	1.5	104
562	Roles of intestinal microbiota in response to cancer immunotherapy. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 2235-2240.	1.3	13
563	The cultivable autochthonous microbiota of the critically endangered Northern bald ibis ( <i>Geronticus tj ETQq0 0 0 rBT /Overlock 10 Tf</i> )	1.1	10
564	Epigenetics and Malaria Susceptibility/Protection: A Missing Piece of the Puzzle. <i>Frontiers in Immunology</i> , 2018, 9, 1733.	2.2	13
565	Diet Modifies Colonic Microbiota and CD4+ T-Cell Repertoire to Induce Flares of Colitis in Mice With Myeloid-Cell Expression of Interleukin 23. <i>Gastroenterology</i> , 2018, 155, 1177-1191.e16.	0.6	32
566	Ultrahigh-throughput functional profiling of microbiota communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9551-9556.	3.3	79
567	Bangladeshi children with acute diarrhoea show faecal microbiomes with increased <i>Streptococcus</i> abundance, irrespective of diarrhoea aetiology. <i>Environmental Microbiology</i> , 2018, 20, 2256-2269.	1.8	33
568	Mutual fitness benefits arise during coevolution in a nematode-defensive microbe model. <i>Evolution Letters</i> , 2018, 2, 246-256.	1.6	50
569	An intact microbiota is required for the gastrointestinal toxicity of the immunosuppressant mycophenolate mofetil. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 1047-1059.	0.3	59
570	Caecal infusion of the short-chain fatty acid propionate affects the microbiota and expression of inflammatory cytokines in the colon in a fistula pig model. <i>Microbial Biotechnology</i> , 2018, 11, 859-868.	2.0	43



#	ARTICLE	IF	CITATIONS
571	The presence of genetic risk variants within PTPN2 and PTPN22 is associated with intestinal microbiota alterations in Swiss IBD cohort patients. PLoS ONE, 2018, 13, e0199664.	1.1	35
572	Re-evaluation of carrageenan (E407) and processed Eucheuma seaweed (E407a) as food additives. EFSA Journal, 2018, 16, e05238.	0.9	64
573	Deficiency in intestinal epithelial O-GlcNAcylation predisposes to gut inflammation. EMBO Molecular Medicine, 2018, 10, .	3.3	48
574	Pulmonary Arterial Hypertension Affects the Rat Gut Microbiome. Scientific Reports, 2018, 8, 9681.	1.6	56
575	Metagenomics Biomarkers Selected for Prediction of Three Different Diseases in Chinese Population. BioMed Research International, 2018, 2018, 1-7.	0.9	22
576	Pathogen colonization of the gastrointestinal microbiome at intensive care unit admission and risk for subsequent death or infection. Intensive Care Medicine, 2018, 44, 1203-1211.	3.9	121
577	Induction and Amelioration of Methotrexate-Induced Gastrointestinal Toxicity are Related to Immune Response and Gut Microbiota. EBioMedicine, 2018, 33, 122-133.	2.7	80
578	Metagenomic Analysis of Bacteria, Fungi, Bacteriophages, and Helminths in the Gut of Giant Pandas. Frontiers in Microbiology, 2018, 9, 1717.	1.5	55
579	Fungi as Part of the Microbiota and Interactions with Intestinal Bacteria. Current Topics in Microbiology and Immunology, 2018, 422, 265-301.	0.7	51
580	Microbiome and Gut Immunity: T Cells. , 2018, , 119-140.		4
581	Diverse Profiles of Toll-Like Receptors 2, 4, 7, and 9 mRNA in Peripheral Blood and Biopsy Specimens of Patients with Celiac Disease. Journal of Immunology Research, 2018, 2018, 1-8.	0.9	11
582	Effect of vitamin C on azoxymethane (AOM)/dextran sulfate sodium (DSS)-induced colitis-associated early colon cancer in mice. Nutrition Research and Practice, 2018, 12, 101.	0.7	17
583	Monoassociation with Lactobacillus plantarum Disrupts Intestinal Homeostasis in Adult Drosophila melanogaster. MBio, 2018, 9, .	1.8	36
584	A metagenomic study of the gut microbiome in Behcet's disease. Microbiome, 2018, 6, 135.	4.9	173
585	Absence of Gut Microbiota Reduces Emotional Reactivity in Japanese Quails (Coturnix japonica). Frontiers in Physiology, 2018, 9, 603.	1.3	25
586	Sterile Inflammation of Brain, due to Activation of Innate Immunity, as a Culprit in Psychiatric Disorders. Frontiers in Psychiatry, 2018, 9, 60.	1.3	22
587	Inflammation-related differences in mucosa-associated microbiota and intestinal barrier function in colonic Crohn's disease. American Journal of Physiology - Renal Physiology, 2018, 315, G420-G431.	1.6	46
588	Origin and Consequences of Necroinflammation. Physiological Reviews, 2018, 98, 727-780.	13.1	147

#	ARTICLE	IF	CITATIONS
589	Disruption of the Gut Ecosystem by Antibiotics. <i>Yonsei Medical Journal</i> , 2018, 59, 4.	0.9	132
590	Mycotoxin: Its Impact on Gut Health and Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 60.	1.8	271
591	Ixodes Immune Responses Against Lyme Disease Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 176.	1.8	9
592	Galectins in Intestinal Inflammation: Galectin-1 Expression Delineates Response to Treatment in Celiac Disease Patients. <i>Frontiers in Immunology</i> , 2018, 9, 379.	2.2	48
593	Insight Into Non-Pathogenic Th17 Cells in Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2018, 9, 1112.	2.2	95
594	Role of <i>Lactobacillus reuteri</i> in Human Health and Diseases. <i>Frontiers in Microbiology</i> , 2018, 9, 757.	1.5	436
595	5-Aminosalicylic Acid Alters the Gut Bacterial Microbiota in Patients With Ulcerative Colitis. <i>Frontiers in Microbiology</i> , 2018, 9, 1274.	1.5	113
596	Cholecystectomy Damages Aging-Associated Intestinal Microbiota Construction. <i>Frontiers in Microbiology</i> , 2018, 9, 1402.	1.5	47
597	Impaired Autophagy in Intestinal Epithelial Cells Alters Gut Microbiota and Host Immune Responses. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	72
598	Probiotics in the Rescue of Gut Inflammation. , 2018, , 101-116.		5
599	Dietary non-fermentable fiber prevents autoimmune neurological disease by changing gut metabolic and immune status. <i>Scientific Reports</i> , 2018, 8, 10431.	1.6	63
600	Polyphenolic derivatives from mango ( <i>Mangifera Indica</i> L.) modulate fecal microbiome, short-chain fatty acids production and the HDAC1/AMPK/LC3 axis in rats with DSS-induced colitis. <i>Journal of Functional Foods</i> , 2018, 48, 243-251.	1.6	38
601	Application of Intestinal Flora in the Study of TCM Formulae. , 2018, , 97-112.		3
602	Intestinal Microbiota Influences Non-intestinal Related Autoimmune Diseases. <i>Frontiers in Microbiology</i> , 2018, 9, 432.	1.5	137
603	Gut-kidney crosstalk in septic acute kidney injury. <i>Critical Care</i> , 2018, 22, 117.	2.5	52
604	The association between inflammation, the microbiome and urethane-induced pulmonary adenocarcinoma. <i>Oncology Letters</i> , 2018, 15, 6352-6360.	0.8	10
605	Intestinal <i>Candida parapsilosis</i> isolates from Rett syndrome subjects bear potential virulent traits and capacity to persist within the host. <i>BMC Gastroenterology</i> , 2018, 18, 57.	0.8	9
606	Microbiota inoculum composition affects holobiont assembly and host growth in <i>Daphnia</i> . <i>Microbiome</i> , 2018, 6, 56.	4.9	74

#	ARTICLE	IF	CITATIONS
607	Heat stress in poultry production: Mitigation strategies to overcome the future challenges facing the global poultry industry. <i>Journal of Thermal Biology</i> , 2018, 78, 131-139.	1.1	225
608	Gut microbes as future therapeutics in treating inflammatory and infectious diseases: Lessons from recent findings. <i>Journal of Nutritional Biochemistry</i> , 2018, 61, 111-128.	1.9	66
609	Dietary polyphenols: A novel strategy to modulate microbiota-gut-brain axis. <i>Trends in Food Science and Technology</i> , 2018, 78, 224-233.	7.8	90
610	Approaches and advances in the genetic causes of autoimmune disease and their implications. <i>Nature Immunology</i> , 2018, 19, 674-684.	7.0	58
611	Expression of Heterorhabditis bacteriophora C-type lectins, Hb-clec-1 and Hb-clec-78, in context of symbiosis with Photorhabdus bacteria. <i>Symbiosis</i> , 2019, 77, 49-58.	1.2	1
612	Bone marrow CX3CR1+ mononuclear cells relay a systemic microbiota signal to control hematopoietic progenitors in mice. <i>Blood</i> , 2019, 134, 1312-1322.	0.6	33
613	Gut Microbiota Pattern of Centenarians. , 2019, , 149-160.		1
614	The gastrointestinal fate of limonin and its effect on gut microbiota in mice. <i>Food and Function</i> , 2019, 10, 5521-5530.	2.1	12
615	Alteration of Gut Microbiota in Inflammatory Bowel Disease (IBD): Cause or Consequence? IBD Treatment Targeting the Gut Microbiome. <i>Pathogens</i> , 2019, 8, 126.	1.2	464
616	Microbial Exposure Enhances Immunity to Pathogens Recognized by TLR2 but Increases Susceptibility to Cytokine Storm through TLR4 Sensitization. <i>Cell Reports</i> , 2019, 28, 1729-1743.e5.	2.9	74
617	Current and Future Nutritional Strategies to Modulate Inflammatory Dynamics in Metabolic Disorders. <i>Frontiers in Nutrition</i> , 2019, 6, 129.	1.6	37
619	Commensal Microbes Affect Host Humoral Immunity to <i>Bordetella pertussis</i> Infection. <i>Infection and Immunity</i> , 2019, 87, .	1.0	10
620	Universal membrane-labeling combined with expression of Katushka far-red fluorescent protein enables non-invasive dynamic and longitudinal quantitative 3D dual-color fluorescent imaging of multiple bacterial strains in mouse intestine. <i>BMC Microbiology</i> , 2019, 19, 167.	1.3	5
621	Virome-host interactions in intestinal health and disease. <i>Current Opinion in Virology</i> , 2019, 37, 63-71.	2.6	27
622	Early-Onset Preeclampsia Is Associated With Gut Microbial Alterations in Antepartum and Postpartum Women. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 224.	1.8	94
623	Mucosa-host Environment Interactions in the Pathogenesis of Rheumatoid Arthritis. <i>Cells</i> , 2019, 8, 700.	1.8	34
624	Mucosal-associated invariant T cells and disease. <i>Nature Reviews Immunology</i> , 2019, 19, 643-657.	10.6	197
625	Dysbiosis of intestinal microbiota induced by dietary oxidized fish oil and recovery of diet-induced dysbiosis via taurine supplementation in rice field eel ( <i>Monopterus albus</i> ). <i>Aquaculture</i> , 2019, 512, 734288.	1.7	40

#	ARTICLE	IF	CITATIONS
626	Inflammation triggers immediate rather than progressive changes in monocyte differentiation in the small intestine. <i>Nature Communications</i> , 2019, 10, 3229.	5.8	73
627	Gut microbiome and serum metabolome analyses identify molecular biomarkers and altered glutamate metabolism in fibromyalgia. <i>EBioMedicine</i> , 2019, 46, 499-511.	2.7	128
628	Current Findings on Gut Microbiota Mediated Immune Modulation against Viral Diseases in Chicken. <i>Viruses</i> , 2019, 11, 681.	1.5	31
629	Gut Microbiome and Immunity. , 2019, , 167-181.		1
630	Polysaccharides from the flowers of tea ( <i>Camellia sinensis</i> L.) modulate gut health and ameliorate cyclophosphamide-induced immunosuppression. <i>Journal of Functional Foods</i> , 2019, 61, 103470.	1.6	78
631	Microbiota-Immune Interaction in the Pathogenesis of Gut-Derived Infection. <i>Frontiers in Immunology</i> , 2019, 10, 1873.	2.2	91
632	Inflammatory bowel diseases and spondyloarthropathies: From pathogenesis to treatment. <i>World Journal of Gastroenterology</i> , 2019, 25, 2162-2176.	1.4	122
633	Current Understanding of Human Metaproteome Association and Modulation. <i>Journal of Proteome Research</i> , 2019, 18, 3539-3554.	1.8	7
634	Microbiota-gut brain axis involvement in neuropsychiatric disorders. <i>Expert Review of Neurotherapeutics</i> , 2019, 19, 1037-1050.	1.4	116
635	Association between the pig genome and its gut microbiota composition. <i>Scientific Reports</i> , 2019, 9, 8791.	1.6	64
636	Gut Vibes in Parkinson's Disease: The Microbiotaâ€œGutâ€œBrain Axis. <i>Movement Disorders Clinical Practice</i> , 2019, 6, 639-651.	0.8	65
637	Gut microbiome diversity is associated with sleep physiology in humans. <i>PLoS ONE</i> , 2019, 14, e0222394.	1.1	175
638	Incorporating functional trade-offs into studies of the gut microbiota. <i>Current Opinion in Microbiology</i> , 2019, 50, 20-27.	2.3	14
639	Dietary Fiber-Induced Microbial Short Chain Fatty Acids Suppress ILC2-Dependent Airway Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 2051.	2.2	90
640	Neuroinflammation and the Gut Microbiota: Possible Alternative Therapeutic Targets to Counteract Alzheimerâ€™s Disease?. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 284.	1.7	95
641	Potential Role of Gut Microbiota in Induction and Regulation of Innate Immune Memory. <i>Frontiers in Immunology</i> , 2019, 10, 2441.	2.2	136
642	Orally Administered CLA Ameliorates DSS-Induced Colitis in Mice via Intestinal Barrier Improvement, Oxidative Stress Reduction, and Inflammatory Cytokine and Gut Microbiota Modulation. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 13282-13298.	2.4	111
643	Longitudinal development of the gut microbiota in healthy and diarrheic piglets induced by ageâ€œrelated dietary changes. <i>MicrobiologyOpen</i> , 2019, 8, e923.	1.2	44

#	ARTICLE	IF	CITATIONS
644	Recognition of the microbiota by Nod2 contributes to the oral adjuvant activity of cholera toxin through the induction of interleukin-17. <i>Immunology</i> , 2019, 158, 219-229.	2.0	11
645	Impact of Vitamin D Deficit on the Rat Gut Microbiome. <i>Nutrients</i> , 2019, 11, 2564.	1.7	18
646	Oral Gut Microbiota and Arthritis: Is There an Evidence-Based Axis?. <i>Journal of Clinical Medicine</i> , 2019, 8, 1753.	1.0	51
647	Models of the Gut for Analyzing the Impact of Food and Drugs. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900968.	3.9	32
648	The Microbiota-Gut-Brain Axis. <i>Physiological Reviews</i> , 2019, 99, 1877-2013.	13.1	2,304
649	Fungal Physiology and Immunopathogenesis. <i>Current Topics in Microbiology and Immunology</i> , 2019, , .	0.7	4
650	Norovirus encounters in the gut: multifaceted interactions and disease outcomes. <i>Mucosal Immunology</i> , 2019, 12, 1259-1267.	2.7	26
651	Effects of Captivity and Season on the Gut Microbiota of the Brown Frog ( <i>Rana dybowskii</i> ). <i>Frontiers in Microbiology</i> , 2019, 10, 1912.	1.5	37
652	An Experimental Approach to Rigorously Assess Paneth Cell Î±-Defensin (Defa) mRNA Expression in C57BL/6 Mice. <i>Scientific Reports</i> , 2019, 9, 13115.	1.6	17
653	Mucin O-glycans facilitate symbiosynthesis to maintain gut immune homeostasis. <i>EBioMedicine</i> , 2019, 48, 513-525.	2.7	66
654	Commensal-derived metabolites govern <i>Vibrio cholerae</i> pathogenesis in host intestine. <i>Microbiome</i> , 2019, 7, 132.	4.9	54
655	First bloodstream infection caused by <i>Prevotella copri</i> in a heart failure elderly patient with <i>Prevotella</i> -dominated gut microbiota: a case report. <i>Gut Pathogens</i> , 2019, 11, 44.	1.6	16
656	Microbiota Composition and Functional Profiling Throughout the Gastrointestinal Tract of Commercial Weaning Piglets. <i>Microorganisms</i> , 2019, 7, 343.	1.6	61
657	The role of the gut microbiota in the treatment of inflammatory bowel diseases. <i>Microbial Pathogenesis</i> , 2019, 137, 103774.	1.3	62
658	Loss of function dysbiosis associated with antibiotics and high fat, high sugar diet. <i>ISME Journal</i> , 2019, 13, 1379-1390.	4.4	29
659	<i>Bifidobacterium</i> Abundance in Early Infancy and Vaccine Response at 2 Years of Age. <i>Pediatrics</i> , 2019, 143, .	1.0	99
660	Short-term probiotic supplementation enhances cellular immune function in healthy elderly: systematic review and meta-analysis of controlled studies. <i>Nutrition Research</i> , 2019, 64, 1-8.	1.3	43
661	Systematic Review of Gut Microbiota and Major Depression. <i>Frontiers in Psychiatry</i> , 2019, 10, 34.	1.3	368

#	ARTICLE	IF	CITATIONS
662	MAdCAM-1-Mediated Intestinal Lymphocyte Homing Is Critical for the Development of Active Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2019, 10, 903.	2.2	17
663	Microbiome and colorectal cancer: Roles in carcinogenesis and clinical potential. <i>Molecular Aspects of Medicine</i> , 2019, 69, 93-106.	2.7	212
664	<i>Caulerpa lentillifera</i> polysaccharides enhance the immunostimulatory activity in immunosuppressed mice in correlation with modulating gut microbiota. <i>Food and Function</i> , 2019, 10, 4315-4329.	2.1	63
665	Effects of Intranasal Pseudorabies Virus AH02LA Infection on Microbial Community and Immune Status in the Ileum and Colon of Piglets. <i>Viruses</i> , 2019, 11, 518.	1.5	13
666	Flagellin hypervariable region determines symbiotic properties of commensal <i>Escherichia coli</i> strains. <i>PLoS Biology</i> , 2019, 17, e3000334.	2.6	22
667	Gut IgA abundance in adult life is a major determinant of resistance to dextran sodium sulfate colitis and can compensate for the effects of inadequate maternal IgA received by neonates. <i>Immunology</i> , 2019, 158, 19-34.	2.0	16
668	Commensal Bacteria: An Emerging Player in Defense Against Respiratory Pathogens. <i>Frontiers in Immunology</i> , 2019, 10, 1203.	2.2	101
669	Correlation between Disease Severity and the Intestinal Microbiome in <i>Mycobacterium tuberculosis</i> -Infected Rhesus Macaques. <i>MBio</i> , 2019, 10, .	1.8	29
670	Microbial Communities in Aquaculture Ecosystems. , 2019, , .		6
671	Cryopreservation of the human gut microbiota: Current state and perspectives. <i>International Journal of Medical Microbiology</i> , 2019, 309, 259-269.	1.5	11
672	Feed Additives, Gut Microbiota, and Health in Finfish Aquaculture. , 2019, , 121-142.		29
673	Prebiotics and Probiotics in Feed and Animal Health. , 2019, , 261-285.		14
674	Nutraceuticals Used as Antibacterial Alternatives in Animal Health and Disease. , 2019, , 315-343.		1
675	Integrative Analyses of Long Non-coding RNA and mRNA Involved in Piglet Ileum Immune Response to <i>Clostridium perfringens</i> Type C Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 130.	1.8	40
676	Role of the Microbiota in the Modulation of Vaccine Immune Responses. <i>Frontiers in Microbiology</i> , 2019, 10, 1305.	1.5	97
677	Semaphorin 3E regulates apoptosis in the intestinal epithelium during the development of colitis. <i>Biochemical Pharmacology</i> , 2019, 166, 264-273.	2.0	17
678	How the gut microbiome regulates host immune responses to viral vaccines. <i>Current Opinion in Virology</i> , 2019, 37, 16-25.	2.6	50
679	Intestinal barrier damage involved in intestinal microflora changes in fluoride-induced mice. <i>Chemosphere</i> , 2019, 234, 409-418.	4.2	69

#	ARTICLE	IF	CITATIONS
680	Bacillus amyloliquefaciens SC06 Protects Mice Against High-Fat Diet-Induced Obesity and Liver Injury via Regulating Host Metabolism and Gut Microbiota. <i>Frontiers in Microbiology</i> , 2019, 10, 1161.	1.5	43
681	Dysbiosis Disrupts Gut Immune Homeostasis and Promotes Gastric Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2432.	1.8	85
682	Analysis of oral microbiota in Japanese oral cancer patients using 16S rRNA sequencing. <i>Journal of Oral Biosciences</i> , 2019, 61, 120-128.	0.8	29
683	Microbial Poly-3-Hydroxybutyrate (PHB) as a Feed Additive for Fishes and Piglets. <i>Biotechnology Journal</i> , 2019, 14, e1900132.	1.8	21
684	Nutritional Modulation of Immune and Central Nervous System Homeostasis: The Role of Diet in Development of Neuroinflammation and Neurological Disease. <i>Nutrients</i> , 2019, 11, 1076.	1.7	35
685	The effects of aflatoxin exposure on Hepatitis B-vaccine induced immunity in Kenyan children. <i>Current Problems in Pediatric and Adolescent Health Care</i> , 2019, 49, 117-130.	0.8	20
686	Microbiota Metabolite Short-Chain Fatty Acids Facilitate Mucosal Adjuvant Activity of Cholera Toxin through GPR43. <i>Journal of Immunology</i> , 2019, 203, 282-292.	0.4	46
687	Sex-specific effects of microbiome perturbations on cerebral A $\beta$ amyloidosis and microglia phenotypes. <i>Journal of Experimental Medicine</i> , 2019, 216, 1542-1560.	4.2	165
688	Symbiont-Mediated Defense against <i>Legionella pneumophila</i> in Amoebae. <i>MBio</i> , 2019, 10, .	1.8	33
689	Immunomodulatory activity of $\beta$ -glucan-containing exopolysaccharides from <i>Auricularia auricular</i> in phagocytes and mice infected with <i>Cryptococcus neoformans</i> . <i>Medical Mycology</i> , 2020, 58, 227-239.	0.3	11
690	From Probiotics to Psychobiotics: Live Beneficial Bacteria Which Act on the Brain-Gut Axis. <i>Nutrients</i> , 2019, 11, 890.	1.7	99
691	Increased Risk of Diabetes in Inflammatory Bowel Disease Patients: A Nationwide Population-based Study in Korea. <i>Journal of Clinical Medicine</i> , 2019, 8, 343.	1.0	61
692	Current Insights Into Systemic Lupus Erythematosus. , 2019, , 475-482.		0
693	Transcriptome analysis of differentially expressed genes in the fore- and hind-intestine of ovate pompano <i>Trachinotus ovatus</i> . <i>Aquaculture</i> , 2019, 508, 76-82.	1.7	8
695	The microbiome and cognitive aging: a review of mechanisms. <i>Psychopharmacology</i> , 2019, 236, 1559-1571.	1.5	35
696	HIV and the Gut Microbiota: Composition, Consequences, and Avenues for Amelioration. <i>Current HIV/AIDS Reports</i> , 2019, 16, 204-213.	1.1	92
697	Gut microbiome interventions in human health and diseases. <i>Medicinal Research Reviews</i> , 2019, 39, 2286-2313.	5.0	52
698	Impact of the microbiome on cancer progression and response to anti-cancer therapies. <i>Advances in Cancer Research</i> , 2019, 143, 255-294.	1.9	23



#	ARTICLE	IF	CITATIONS
699	Vaginal microbiota transplantation for the treatment of bacterial vaginosis: a conceptual analysis. FEMS Microbiology Letters, 2019, 366, .	0.7	38
700	Infections increase the risk of developing Sjögren's syndrome. Journal of Internal Medicine, 2019, 285, 670-680.	2.7	30
701	Lack of Small Intestinal Dysbiosis Following Long-Term Selective Inhibition of Cyclooxygenase-2 by Rofecoxib in the Rat. Cells, 2019, 8, 251.	1.8	6
702	Cross talk between neutrophils and the microbiota. Blood, 2019, 133, 2168-2177.	0.6	87
703	Impacts of Duck-Origin Parvovirus Infection on Cherry Valley Ducklings From the Perspective of Gut Microbiota. Frontiers in Microbiology, 2019, 10, 624.	1.5	10
704	Microbe-metabolite-host axis, two-way action in the pathogenesis and treatment of human autoimmunity. Autoimmunity Reviews, 2019, 18, 455-475.	2.5	37
705	Manipulation of gut microbiota during critical developmental windows affects host physiological performance and disease susceptibility across ontogeny. Journal of Animal Ecology, 2019, 88, 845-856.	1.3	61
706	Ellagitannins, Gallotannins and their Metabolites- The Contribution to the Anti-Inflammatory Effect of Food Products and Medicinal Plants. Current Medicinal Chemistry, 2019, 25, 4946-4967.	1.2	53
707	2019 update of the WSES guidelines for management of Clostridioides (Clostridium) difficile infection in surgical patients. World Journal of Emergency Surgery, 2019, 14, 8.	2.1	102
708	Achievement of Tolerance Induction to Prevent Acute Graft-vs.-Host Disease. Frontiers in Immunology, 2019, 10, 309.	2.2	28
709	Role of probiotics in treatment of congenital heart disease and necrotizing enterocolitis. PharmaNutrition, 2019, 8, 100144.	0.8	9
710	Gut microbiota: implications for radiotherapy response and radiotherapy-induced mucositis. Expert Review of Gastroenterology and Hepatology, 2019, 13, 485-496.	1.4	51
711	Pollen reverses decreased lifespan, altered nutritional metabolism, and suppressed immunity in honey bees ( <i>Apis mellifera</i> ) treated with antibiotics. Journal of Experimental Biology, 2019, 222, .	0.8	26
712	Effects of a gut microbiota transfer on emotional reactivity in Japanese quails ( <i>Coturnix</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	0.8	15
713	Gut microbiota dependent anti-tumor immunity restricts melanoma growth in Rnf5 <sup>Δ/Δ</sup> mice. Nature Communications, 2019, 10, 1492.	5.8	114
714	Characterization of Inulin-Type Fructan from Platycodon grandiflorus and Study on Its Prebiotic and Immunomodulating Activity. Molecules, 2019, 24, 1199.	1.7	28
715	The Gut-Brain Axis, Paving the Way to Brain Cancer. Trends in Cancer, 2019, 5, 200-207.	3.8	57
716	Gut microbiome patterns correlate with higher postoperative complication rates after pancreatic surgery. BMC Microbiology, 2019, 19, 42.	1.3	40



#	ARTICLE	IF	CITATIONS
717	Microbiome Dependent Regulation of Tregs and Th17 Cells in Mucosa. <i>Frontiers in Immunology</i> , 2019, 10, 426.	2.2	163
718	Serum Metabolomics Identifies Altered Bioenergetics, Signaling Cascades in Parallel with Exposome Markers in Crohn's Disease. <i>Molecules</i> , 2019, 24, 449.	1.7	55
719	Exploitation of the bilosome platform technology to formulate antibiotics and enhance efficacy of melioidosis treatments. <i>Journal of Controlled Release</i> , 2019, 298, 202-212.	4.8	23
720	Flagellin-mediated activation of IL-33-ST2 signaling by a pathobiont promotes intestinal fibrosis. <i>Mucosal Immunology</i> , 2019, 12, 632-643.	2.7	57
721	Gut microbiota of aquatic organisms: A key endpoint for ecotoxicological studies. <i>Environmental Pollution</i> , 2019, 248, 989-999.	3.7	160
722	Regulation of Immune Cell Function by Short Chain Fatty Acids and Their Impact on Arthritis. , 2019, , 175-188.		3
723	Intestinal microbes direct CX <sub>3</sub> CR <sub>1</sub> <sup>+</sup> cells to balance intestinal immunity. <i>Gut Microbes</i> , 2019, 10, 540-546.	4.3	4
724	Gut microbiota regulates lacteal integrity by inducing VEGF in intestinal villus macrophages. <i>EMBO Reports</i> , 2019, 20, .	2.0	93
725	BATF2 prevents T-cell-mediated intestinal inflammation through regulation of the IL-23/IL-17 pathway. <i>International Immunology</i> , 2019, 31, 371-383.	1.8	15
726	The Impact of Low-FODMAPs, Gluten-Free, and Ketogenic Diets on Gut Microbiota Modulation in Pathological Conditions. <i>Nutrients</i> , 2019, 11, 373.	1.7	61
727	Obstructive Sleep Apnea and Systemic Hypertension: Gut Dysbiosis as the Mediator?. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 1517-1527.	1.4	51
728	Gas Chromatography-Mass Spectrometry (GC-MS) Analysis of the Volatile Oil of <i>Cichorium Glandulosum</i> Boiss et Huet and its Effects on Carbon Tetrachloride-Induced Liver Fibrosis in Rats. <i>Medical Science Monitor</i> , 2019, 25, 3591-3604.	0.5	8
729	The Potential Link between Gut Microbiota and Serum TRAb in Chinese Patients with Severe and Active Graves' Orbitopathy. <i>International Journal of Endocrinology</i> , 2019, 2019, 1-12.	0.6	16
730	Mesenchymal stem cell-gut microbiota interaction in the repair of inflammatory bowel disease: an enhanced therapeutic effect. <i>Clinical and Translational Medicine</i> , 2019, 8, 31.	1.7	50
731	Methods in microbiome research: Past, present, and future. <i>Best Practice and Research in Clinical Rheumatology</i> , 2019, 33, 101498.	1.4	12
732	Biomarker discovery in inflammatory bowel diseases using network-based feature selection. <i>PLoS ONE</i> , 2019, 14, e0225382.	1.1	17
733	Uhrf1-Mediated Tnf- $\alpha$ Gene Methylation Controls Proinflammatory Macrophages in Experimental Colitis Resembling Inflammatory Bowel Disease. <i>Journal of Immunology</i> , 2019, 203, 3045-3053.	0.4	21
734	Interaction of antibacterial silver nanoparticles and microbiota-dependent holobionts revealed by metatranscriptomic analysis. <i>Environmental Science: Nano</i> , 2019, 6, 3242-3255.	2.2	6

#	ARTICLE	IF	CITATIONS
735	Application of LpxC enzyme inhibitor to inhibit some fast-growing bacteria in human gut bacterial culturomics. <i>BMC Microbiology</i> , 2019, 19, 308.	1.3	10
736	In Vivo Effects of Salbutamol Residues on Blood Lipid, Lung Structure, Gene Expression, and Gut Microorganism Composition. <i>ACS Omega</i> , 2019, 4, 20644-20653.	1.6	4
737	Editorial: Understanding and Exploiting Host-Commensal Interactions to Combat Pathogens. <i>Frontiers in Immunology</i> , 2019, 10, 2645.	2.2	0
738	Iron Transport Tocopheryl Polyethylene Glycol Succinate in Animal Health and Diseases. <i>Molecules</i> , 2019, 24, 4289.	1.7	6
739	The effect of dietary supplementation with <i>Clostridium butyricum</i> on the growth performance, immunity, intestinal microbiota and disease resistance of tilapia ( <i>Oreochromis niloticus</i> ). <i>PLoS ONE</i> , 2019, 14, e0223428.	1.1	50
740	Migraine without Aura and Subclinical Atherosclerosis in Young Females: Is Gut Microbiota to Blame?. <i>Medicina (Lithuania)</i> , 2019, 55, 786.	0.8	9
741	Micromotors for drug delivery in vivo: The road ahead. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 41-55.	6.6	99
742	16S ribosomal RNA sequencing reveals a modulation of intestinal microbiome and immune response by dietary L-theanine supplementation in broiler chickens. <i>Poultry Science</i> , 2019, 98, 842-854.	1.5	39
743	The NOD2 signaling in peripheral macrophages contributes to neuropathic pain development. <i>Pain</i> , 2019, 160, 102-116.	2.0	31
744	Microbiome Analytics of the Gut Microbiota in Patients With Juvenile Idiopathic Arthritis: A Longitudinal Observational Cohort Study. <i>Arthritis and Rheumatology</i> , 2019, 71, 1000-1010.	2.9	44
745	An appraisal of the role of specific bacteria in the initial pathogenesis of periodontitis. <i>Journal of Clinical Periodontology</i> , 2019, 46, 6-11.	2.3	113
746	Analyzing the Secretome of Gut Microbiota as the Next Strategy For Early Detection of Colorectal Cancer. <i>Proteomics</i> , 2019, 19, 1800176.	1.3	4
747	Juvenile Rats Show Altered Gut Microbiota After Exposure to Isoflurane as Neonates. <i>Neurochemical Research</i> , 2019, 44, 776-786.	1.6	17
748	<i>RAG</i> gene defects at the verge of immunodeficiency and immune dysregulation. <i>Immunological Reviews</i> , 2019, 287, 73-90.	2.8	44
749	Biomolecule-corona formation confers resistance of bacteria to nanoparticle-induced killing: Implications for the design of improved nanoantibiotics. <i>Biomaterials</i> , 2019, 192, 551-559.	5.7	48
750	Examining the responses of the zebrafish ( <i>Danio rerio</i> ) gastrointestinal system to the suspected obesogen diethylhexyl phthalate. <i>Environmental Pollution</i> , 2019, 245, 1086-1094.	3.7	18
751	Antibiotic Perturbation of Gut Microbiota Dysregulates Osteoimmune Cross Talk in Postpubertal Skeletal Development. <i>American Journal of Pathology</i> , 2019, 189, 370-390.	1.9	39
752	Oral microbiota: A new view of body health. <i>Food Science and Human Wellness</i> , 2019, 8, 8-15.	2.2	118

#	ARTICLE	IF	CITATIONS
753	Not by (Good) Microbes Alone: Towards Immunocommenseal Therapies. Trends in Microbiology, 2019, 27, 294-302.	3.5	11
754	Role of the intestinal microbiome in autoimmune diseases and its use in treatments. Cellular Immunology, 2019, 339, 50-58.	1.4	33
755	Matrix-wise evaluation of in vivo and in vitro efficiencies of L. rhamnosus GG-fortified beverages. Food Research International, 2019, 119, 908-919.	2.9	11
756	Bacterial imbalance and gut pathologies: Association and contribution of <i>E. coli</i> in inflammatory bowel disease. Critical Reviews in Clinical Laboratory Sciences, 2019, 56, 1-17.	2.7	33
757	Gut microbial dysbiosis associates hepatocellular carcinoma via the gut-liver axis. Hepatobiliary and Pancreatic Diseases International, 2019, 18, 19-27.	0.6	52
758	Gut microbiota composition in patients with newly diagnosed bipolar disorder and their unaffected first-degree relatives. Brain, Behavior, and Immunity, 2019, 75, 112-118.	2.0	103
759	Sexual Dimorphism in the Response to Broad-spectrum Antibiotics During T Cell-mediated Colitis. Journal of Crohn's and Colitis, 2019, 13, 115-126.	0.6	10
760	Immunity, immunomodulation, and antibiotic alternatives to maximize the genetic potential of poultry for growth and disease response. Animal Feed Science and Technology, 2019, 250, 41-50.	1.1	61
761	Differences in gut microbiome composition between persons with chronic schizophrenia and healthy comparison subjects. Schizophrenia Research, 2019, 204, 23-29.	1.1	157
762	Intestinal <i>in vitro</i> cell culture models and their potential to study the effect of food components on intestinal inflammation. Critical Reviews in Food Science and Nutrition, 2019, 59, 3648-3666.	5.4	66
763	The combination of wheat peptides and fucoidan protects against chronic superficial gastritis and alters gut microbiota: a double-blinded, placebo-controlled study. European Journal of Nutrition, 2020, 59, 1655-1666.	1.8	27
764	Prenatal exposure to environmental insults and enhanced risk of developing Schizophrenia and Autism Spectrum Disorder: focus on biological pathways and epigenetic mechanisms. Neuroscience and Biobehavioral Reviews, 2020, 117, 253-278.	2.9	88
765	Occurrence and distribution of clinical and veterinary antibiotics in the faeces of a Chinese population. Journal of Hazardous Materials, 2020, 383, 121129.	6.5	83
766	Regulating colonic dendritic cells by commensal glycosylated large surface layer protein A to sustain gut homeostasis against pathogenic inflammation. Mucosal Immunology, 2020, 13, 34-46.	2.7	15
767	Epithelial RABGEF1 deficiency promotes intestinal inflammation by dysregulating intrinsic MYD88-dependent innate signaling. Mucosal Immunology, 2020, 13, 96-109.	2.7	4
768	APOE genotype and postnatal chlorpyrifos exposure modulate gut microbiota and cerebral short-chain fatty acids in preweaning mice. Food and Chemical Toxicology, 2020, 135, 110872.	1.8	25
769	Opioid use potentiates the virulence of hospital-acquired infection, increases systemic bacterial dissemination and exacerbates gut dysbiosis in a murine model of <i>Citrobacter rodentium</i> infection. Gut Microbes, 2020, 11, 172-190.	4.3	15
770	Downregulation of Salmonella Virulence Gene Expression During Invasion of Epithelial Cells Treated with Lactococcus lactis subsp. cremoris JFR1 Requires OppA. Probiotics and Antimicrobial Proteins, 2020, 12, 577-588.	1.9	4

#	ARTICLE	IF	CITATIONS
771	Unique and specific Proteobacteria diversity in urinary microbiota of tolerant kidney transplanted recipients. <i>American Journal of Transplantation</i> , 2020, 20, 145-158.	2.6	19
772	Microbiota and gut-brain axis dysfunction in autism spectrum disorder: Evidence for functional gastrointestinal disorders. <i>Asian Journal of Psychiatry</i> , 2020, 47, 101874.	0.9	38
773	Beneficial effects of three brown seaweed polysaccharides on gut microbiota and their structural characteristics: An overview. <i>International Journal of Food Science and Technology</i> , 2020, 55, 1199-1206.	1.3	39
774	An overview of yeast probiotics as cancer biotherapeutics: possible clinical application in colorectal cancer. <i>Clinical and Translational Oncology</i> , 2020, 22, 1227-1239.	1.2	19
775	Chronic periodontitis induces microbiota-gut-brain axis disorders and cognitive impairment in mice. <i>Experimental Neurology</i> , 2020, 326, 113176.	2.0	34
776	Cortex Phellodendri extract's anti-diarrhea effect in mice related to its modification of gut microbiota. <i>Biomedicine and Pharmacotherapy</i> , 2020, 123, 109720.	2.5	30
777	Chemistry and Enzymology Encoded by the Human Microbiome. , 2020, , 261-286.		0
778	The microbiome-gut-brain axis in acute and chronic brain diseases. <i>Current Opinion in Neurobiology</i> , 2020, 61, 1-9.	2.0	105
779	Effect of trimethylamine N-oxide on inflammation and the gut microbiota in <i>Helicobacter pylori</i> -infected mice. <i>International Immunopharmacology</i> , 2020, 81, 106026.	1.7	14
780	Nanomaterials in the Environment Acquire an "Eco-Corona" Impacting their Toxicity to <i>Daphnia Magna</i> —a Call for Updating Toxicity Testing Policies. <i>Proteomics</i> , 2020, 20, e1800412.	1.3	74
781	Acanthocephalan parasites in sea otters: Why we need to look beyond associated mortality . <i>Marine Mammal Science</i> , 2020, 36, 676-689.	0.9	4
782	Polyethylene microplastics affect the distribution of gut microbiota and inflammation development in mice. <i>Chemosphere</i> , 2020, 244, 125492.	4.2	310
783	Gut-Innervating Nociceptor Neurons Regulate Peyer's Patch Microfold Cells and SFB Levels to Mediate <i>Salmonella</i> Host Defense. <i>Cell</i> , 2020, 180, 33-49.e22.	13.5	192
784	Roles of microbiota in response to cancer immunotherapy. <i>Seminars in Cancer Biology</i> , 2020, 65, 164-175.	4.3	36
785	Migration, pathogens and the avian microbiome: A comparative study in sympatric migrants and residents. <i>Molecular Ecology</i> , 2020, 29, 4706-4720.	2.0	25
786	Gut Microbiota Dysbiosis—Immune Hyperresponse—Inflammation Triad in Coronavirus Disease 2019 (COVID-19): Impact of Pharmacological and Nutraceutical Approaches. <i>Microorganisms</i> , 2020, 8, 1514.	1.6	52
787	Human Gut Commensal Membrane Vesicles Modulate Inflammation by Generating M2-like Macrophages and Myeloid-Derived Suppressor Cells. <i>Journal of Immunology</i> , 2020, 205, 2707-2718.	0.4	31
788	Porcine circovirus type 2 (PCV2) and <i>Campylobacter</i> infection induce diarrhea in piglets: Microbial dysbiosis and intestinal disorder. <i>Animal Nutrition</i> , 2020, 6, 362-371.	2.1	4

#	ARTICLE	IF	CITATIONS
789	Gut microbiota composition in children with obstructive sleep apnoea syndrome: a pilot study. <i>Sleep Medicine</i> , 2020, 76, 140-147.	0.8	49
790	Gut Microbiota and Epilepsy: A Systematic Review on Their Relationship and Possible Therapeutics. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3488-3498.	1.7	26
791	Dietary osteopontin-enriched algal protein as nutritional support in weaned pigs infected with F18-fimbriated enterotoxigenic <i>Escherichia coli</i> . <i>Journal of Animal Science</i> , 2020, 98, .	0.2	5
792	High housing density increases stress hormone- or disease-associated fecal microbiota in male Brandt's voles ( <i>Lasiopodomys brandtii</i> ). <i>Hormones and Behavior</i> , 2020, 126, 104838.	1.0	21
793	From Welfare to Warfare: The Arbitration of Host-Microbiota Interplay by the Type VI Secretion System. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 587948.	1.8	21
794	Activation of aryl hydrocarbon receptor in Langerhans cells by a microbial metabolite of tryptophan negatively regulates skin inflammation. <i>Journal of Dermatological Science</i> , 2020, 100, 192-200.	1.0	17
795	Aryl hydrocarbon receptor ligand production by the gut microbiota is decreased in celiac disease leading to intestinal inflammation. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	98
796	Gut-liver crosstalk in sepsis-induced liver injury. <i>Critical Care</i> , 2020, 24, 614.	2.5	79
797	Gut microbiota in pancreatic diseases: possible new therapeutic strategies. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1027-1039.	2.8	22
798	The Role of the Microbiome in Driving RA-Related Autoimmunity. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 538130.	1.8	16
799	An Overview of Gut Microbiota and Colon Diseases with a Focus on Adenomatous Colon Polyps. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7359.	1.8	13
800	The intrinsic and extrinsic elements regulating inflammation. <i>Life Sciences</i> , 2020, 260, 118258.	2.0	23
801	Intestinal microbiota disruption limits the isoniazid mediated clearance of <i>Mycobacterium tuberculosis</i> in mice. <i>European Journal of Immunology</i> , 2020, 50, 1976-1987.	1.6	17
802	<i>Lythrum salicaria</i> L. herb and gut microbiota of healthy post-weaning piglets. Focus on prebiotic properties and formation of postbiotic metabolites in ex vivo cultures.. <i>Journal of Ethnopharmacology</i> , 2020, 261, 113073.	2.0	17
803	Modeling inter-kingdom regulation of inflammatory signaling in human intestinal epithelial cells. <i>Computers and Chemical Engineering</i> , 2020, 140, 106954.	2.0	1
804	Gut-on-chip: Recreating human intestine in vitro. <i>Journal of Tissue Engineering</i> , 2020, 11, 204173142096531.	2.3	57
805	The hidden hazardous effects of stevia and sucralose consumption in male and female albino mice in comparison to sucrose. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1290-1300.	1.2	24
806	The gut microbiome as a target for adjuvant therapy in obstructive sleep apnea. <i>Expert Opinion on Therapeutic Targets</i> , 2020, 24, 1263-1282.	1.5	22

#	ARTICLE	IF	CITATIONS
807	Mutual Interplay of Host Immune System and Gut Microbiota in the Immunopathology of Atherosclerosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8729.	1.8	16
808	Network Analysis of Gut Microbiome and Metabolome to Discover Microbiota-Linked Biomarkers in Patients Affected by Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8730.	1.8	75
809	Potential role of the gut microbiota in neuromyelitis optica spectrum disorder: Implication for intervention. <i>Journal of Clinical Neuroscience</i> , 2020, 82, 193-199.	0.8	7
810	Dual and mutual interaction between microbiota and viral infections: a possible treat for COVID-19. <i>Microbial Cell Factories</i> , 2020, 19, 217.	1.9	27
811	Gut health, stress, and immunity in neonatal dairy calves: the host side of host-pathogen interactions. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 105.	2.1	38
812	Characterizing the cirri and gut microbiomes of the intertidal barnacle <i>Semibalanus balanoides</i> . <i>Animal Microbiome</i> , 2020, 2, 41.	1.5	1
813	The roles of the gut microbiotaâ€™miRNA interaction in the host pathophysiology. <i>Molecular Medicine</i> , 2020, 26, 101.	1.9	45
814	Probiotics for the Treatment of Overweight and Obesity in Humansâ€™A Review of Clinical Trials. <i>Microorganisms</i> , 2020, 8, 1148.	1.6	63
815	Protection of Fecal Microbiota Transplantation in a Mouse Model of Multiple Sclerosis. <i>Mediators of Inflammation</i> , 2020, 2020, 1-13.	1.4	50
816	Gut dysbiosis and age-related neurological diseases; an innovative approach for therapeutic interventions. <i>Translational Research</i> , 2020, 226, 39-56.	2.2	29
817	Microbial sensing by haematopoietic stem and progenitor cells: Vigilance against infections and immune education of myeloid cells. <i>Scandinavian Journal of Immunology</i> , 2020, 92, e12957.	1.3	6
818	Distinct Skin Microbiota Imbalance and Responses to Clinical Treatment in Children With Atopic Dermatitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 336.	1.8	10
819	Changes of digestive and fermentation properties of <i>Sargassum pallidum</i> polysaccharide after ultrasonic degradation and its impacts on gut microbiota. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1443-1450.	3.6	44
820	Gut microbiota-associated metabolite trimethylamine N-Oxide and the risk of stroke: a systematic review and doseâ€™response meta-analysis. <i>Nutrition Journal</i> , 2020, 19, 76.	1.5	44
821	A single early-in-life antibiotic course increases susceptibility to DSS-induced colitis. <i>Genome Medicine</i> , 2020, 12, 65.	3.6	33
822	Donor fecal microbiota transplantation ameliorates intestinal graft-versus-host disease in allogeneic hematopoietic cell transplant recipients. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	97
823	Fiber and Prebiotic Interventions in Pediatric Inflammatory Bowel Disease: What Role Does the Gut Microbiome Play?. <i>Nutrients</i> , 2020, 12, 3204.	1.7	19
824	Probiotics in Treatment of Viral Respiratory Infections and Neuroinflammatory Disorders. <i>Molecules</i> , 2020, 25, 4891.	1.7	50



#	ARTICLE	IF	CITATIONS
825	Efficacy and safety of fecal microbiota transplantation for treating patients with ulcerative colitis: A systematic review and meta-analysis. <i>Journal of Digestive Diseases</i> , 2020, 21, 534-548.	0.7	25
826	Ascorbic Acid Derivative 2-O- $\beta$ -D-Glucopyranosyl-Ascorbic Acid from the Fruit of <i>Lycium barbarum</i> Modulates Microbiota in the Small Intestine and Colon and Exerts an Immunomodulatory Effect on Cyclophosphamide-Treated BALB/c Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 11128-11143.	2.4	44
827	In search for interplay between stool microRNAs, microbiota and short chain fatty acids in Crohn's disease - a preliminary study. <i>BMC Gastroenterology</i> , 2020, 20, 307.	0.8	12
828	Role of TRP Channels in Shaping the Gut Microbiome. <i>Pathogens</i> , 2020, 9, 753.	1.2	10
829	Intrauterine growth restriction alters growth performance, plasma hormones, and small intestinal microbial communities in growing-finishing pigs. <i>Journal of Animal Science and Biotechnology</i> , 2020, 11, 86.	2.1	24
830	<i>Lactobacillus fermentum</i> promotes adipose tissue oxidative phosphorylation to protect against diet-induced obesity. <i>Experimental and Molecular Medicine</i> , 2020, 52, 1574-1586.	3.2	11
831	Systematic analysis of gut microbiota in pregnant women and its correlations with individual heterogeneity. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 32.	2.9	61
832	Gut Microbiota Dysbiosis Drives the Development of Colorectal Cancer. <i>Digestion</i> , 2021, 102, 508-515.	1.2	77
833	Evolution and maintenance of microbe-mediated protection under occasional pathogen infection. <i>Ecology and Evolution</i> , 2020, 10, 8634-8642.	0.8	4
834	Comparative analysis of antibiotic exposure association with clinical outcomes of chemotherapy versus immunotherapy across three tumour types. <i>ESMO Open</i> , 2020, 5, e000803.	2.0	18
835	S100A8 and S100A9 Are Important for Postnatal Development of Gut Microbiota and Immune System in Mice and Infants. <i>Gastroenterology</i> , 2020, 159, 2130-2145.e5.	0.6	64
836	A Summary of the Fifth Annual Virology Education HIV Microbiome Workshop. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 886-895.	0.5	2
837	Microbial adaptation to the healthy and inflamed gut environments. <i>Gut Microbes</i> , 2020, 12, 1857505.	4.3	29
838	Effects of Vigiis 101-LAB on a healthy population's gut microflora, peristalsis, immunity, and anti-oxidative capacity: A randomized, double-blind, placebo-controlled clinical study. <i>Heliyon</i> , 2020, 6, e04979.	1.4	5
839	Gut Microbiota Composition Modulates the Magnitude and Quality of Germinal Centers during Plasmodium Infections. <i>Cell Reports</i> , 2020, 33, 108503.	2.9	16
840	Gut microbiota and the human gut physiological changes. <i>Annals of Microbiology</i> , 2020, 70, .	1.1	14
841	The Potential Impacts of Soy Protein on Fish Gut Health. , , .		13
842	Effect of ambient air pollution on the incidence of colorectal cancer among a diabetic population: a nationwide nested case-control study in Taiwan. <i>BMJ Open</i> , 2020, 10, e036955.	0.8	9



#	ARTICLE	IF	CITATIONS
843	Biomimetic Gut Model Systems for Development of Targeted Microbial Solutions for Enhancing Warfighter Health and Performance. <i>MSystems</i> , 2020, 5, .	1.7	1
844	The relationship between the commensal microbiota levels and Crohn's disease activity. <i>JGH Open</i> , 2020, 4, 784-789.	0.7	6
845	<i>Lycium barbarum</i> relieves gut microbiota dysbiosis and improves colonic barrier function in mice following antibiotic perturbation. <i>Journal of Functional Foods</i> , 2020, 71, 103973.	1.6	16
846	Targeting a cysteine protease from a pathobiont alleviates experimental arthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 114.	1.6	10
847	Effects of ferulic acid on intestinal enzyme activities, morphology, microbiome composition of genetically improved farmed tilapia ( <i>Oreochromis niloticus</i> ) fed oxidized fish oil. <i>Aquaculture</i> , 2020, 528, 735543.	1.7	39
848	Catabolism of <i>Saccharina japonica</i> polysaccharides and oligosaccharides by human fecal microbiota. <i>LWT - Food Science and Technology</i> , 2020, 130, 109635.	2.5	31
849	An integrated microbiome and metabolomic analysis identifies immunoenhancing features of <i>Ganoderma lucidum</i> spores oil in mice. <i>Pharmacological Research</i> , 2020, 158, 104937.	3.1	38
850	The Bacterial Connection between the Oral Cavity and the Gut Diseases. <i>Journal of Dental Research</i> , 2020, 99, 1021-1029.	2.5	162
851	Antioxidant, Anti-Inflammatory, and Microbial-Modulating Activities of Essential Oils: Implications in Colonic Pathophysiology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4152.	1.8	43
852	Impacts of foodborne inorganic nanoparticles on the gut microbiota-immune axis: potential consequences for host health. <i>Particle and Fibre Toxicology</i> , 2020, 17, 19.	2.8	93
853	A specific gut microbiota and metabolomic profiles shifts related to antidiabetic action: The similar and complementary antidiabetic properties of type 3 resistant starch from <i>Canna edulis</i> and metformin. <i>Pharmacological Research</i> , 2020, 159, 104985.	3.1	33
854	Progress in the distribution, toxicity, control, and detoxification of patulin: A review. <i>Toxicon</i> , 2020, 184, 83-93.	0.8	48
855	Microbial Community and Short-Chain Fatty Acid Mapping in the Intestinal Tract of Quail. <i>Animals</i> , 2020, 10, 1006.	1.0	20
856	The anti-inflammatory and immune-modulatory effects of OEA limit DSS-induced colitis in mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110368.	2.5	29
857	Effects of probiotic supplementation on natural killer cell function in healthy elderly individuals: a meta-analysis of randomized controlled trials. <i>European Journal of Clinical Nutrition</i> , 2020, 74, 1630-1637.	1.3	23
858	TNF- $\alpha$ inhibitor therapy can improve the immune imbalance of CD4+ T cells and negative regulatory cells but not CD8+ T cells in ankylosing spondylitis. <i>Arthritis Research and Therapy</i> , 2020, 22, 149.	1.6	21
859	Tilapia head glycolipids reduce inflammation by regulating the gut microbiota in dextran sulphate sodium-induced colitis mice. <i>Food and Function</i> , 2020, 11, 3245-3255.	2.1	32
860	GSK3 $\beta$ : A Master Player in Depressive Disorder Pathogenesis and Treatment Responsiveness. <i>Cells</i> , 2020, 9, 727.	1.8	42

#	ARTICLE	IF	CITATIONS
861	Trimethylamine N-Oxide Generated by the Gut Microbiota Is Associated with Vascular Inflammation: New Insights into Atherosclerosis. <i>Mediators of Inflammation</i> , 2020, 2020, 1-15.	1.4	100
862	Crosstalk between gut microbiota and osteoarthritis: A critical view. <i>Journal of Functional Foods</i> , 2020, 68, 103904.	1.6	16
863	Early Intervention Using Fecal Microbiota Transplantation Combined with Probiotics Influence the Growth Performance, Diarrhea, and Intestinal Barrier Function of Piglets. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 568.	1.3	12
864	The Nexus Between Periodontal Inflammation and Dysbiosis. <i>Frontiers in Immunology</i> , 2020, 11, 511.	2.2	188
865	Human Intestinal Mononuclear Phagocytes in Health and Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2020, 11, 410.	2.2	54
866	Twoâ€™s company, threeâ€™s a crowd: Exploring how hostâ€™ parasiteâ€™ microbiota interactions may influence disease susceptibility and conservation of wildlife. <i>Molecular Ecology</i> , 2020, 29, 1402-1405.	2.0	6
867	Malnutrition Decreases Antibody Secreting Cell Numbers Induced by an Oral Attenuated Human Rotavirus Vaccine in a Human Infant Fecal Microbiota Transplanted Gnotobiotic Pig Model. <i>Frontiers in Immunology</i> , 2020, 11, 196.	2.2	15
868	An Integrated Metagenome Catalog Reveals New Insights into the Murine Gut Microbiome. <i>Cell Reports</i> , 2020, 30, 2909-2922.e6.	2.9	85
869	Overview of the Development, Impacts, and Challenges of Live-Attenuated Oral Rotavirus Vaccines. <i>Vaccines</i> , 2020, 8, 341.	2.1	24
870	Neuroinflammation in psychiatric disorders: An introductory primer. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 196, 172981.	1.3	14
871	RNA Sensing by Gut Piezo1 Is Essential for Systemic Serotonin Synthesis. <i>Cell</i> , 2020, 182, 609-624.e21.	13.5	74
872	Investigating the Mechanistic Differences of Obesity-Inducing <i>Lactobacillus kefirifaciens</i> M1 and Anti-obesity <i>Lactobacillus mali</i> APS1 by Microbolomics and Metabolomics. <i>Frontiers in Microbiology</i> , 2020, 11, 1454.	1.5	13
873	Considering the Microbiome in Stress-Related and Neurodevelopmental Trajectories to Schizophrenia. <i>Frontiers in Psychiatry</i> , 2020, 11, 629.	1.3	15
874	Influence of microbiota on immunity and immunotherapy for gastric and esophageal cancers. <i>Gastroenterology Report</i> , 2020, 8, 206-214.	0.6	18
875	Metagenomics approach the intestinal microbiome structure and function in the anti-H1N1 of a traditional chinese medicine acid polysaccharide. <i>Microbial Pathogenesis</i> , 2020, 147, 104351.	1.3	9
876	Inhibitory effect of <i>Bifidobacterium bifidum</i> ATCC 29521 on colitis and its mechanism. <i>Journal of Nutritional Biochemistry</i> , 2020, 79, 108353.	1.9	66
877	Gutâ€™ Joint Axis: The Role of Physical Exercise on Gut Microbiota Modulation in Older People with Osteoarthritis. <i>Nutrients</i> , 2020, 12, 574.	1.7	62
878	Machine learning methods for microbiome studies. <i>Journal of Microbiology</i> , 2020, 58, 206-216.	1.3	66

#	ARTICLE	IF	CITATIONS
879	Current trends in marine algae polysaccharides: The digestive tract, microbial catabolism, and prebiotic potential. <i>International Journal of Biological Macromolecules</i> , 2020, 151, 344-354.	3.6	144
880	Muscadine grapes ( <i>Vitis rotundifolia</i> ) and dealcoholized muscadine wine alleviated symptoms of colitis and protected against dysbiosis in mice exposed to dextran sulfate sodium. <i>Journal of Functional Foods</i> , 2020, 65, 103746.	1.6	18
881	The microbiome and gynaecological cancer development, prevention and therapy. <i>Nature Reviews Urology</i> , 2020, 17, 232-250.	1.9	194
882	Characterization of gut microbiomes of household pets in the United States using a direct-to-consumer approach. <i>PLoS ONE</i> , 2020, 15, e0227289.	1.1	32
883	Endothelial Dysfunction in Obesity-Induced Inflammation: Molecular Mechanisms and Clinical Implications. <i>Biomolecules</i> , 2020, 10, 291.	1.8	174
884	A lack of role for antibodies in regulating <i>Helicobacter pylori</i> colonization and associated gastritis. <i>Helicobacter</i> , 2020, 25, e12681.	1.6	5
885	The Gut Microbiota and Its Implication in the Development of Atherosclerosis and Related Cardiovascular Diseases. <i>Nutrients</i> , 2020, 12, 605.	1.7	109
886	Pyrodextrin enhances intestinal function through changing the intestinal microbiota composition and metabolism in early weaned piglets. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4141-4154.	1.7	18
887	In vitro prebiotic activities of exopolysaccharide from <i>Leuconostoc pseudomesenteroides</i> XG5 and its effect on the gut microbiota of mice. <i>Journal of Functional Foods</i> , 2020, 67, 103853.	1.6	25
888	Tissue-scale microbiota of the Mediterranean mussel ( <i>Mytilus galloprovincialis</i> ) and its relationship with the environment. <i>Science of the Total Environment</i> , 2020, 717, 137209.	3.9	59
889	Modulation of lymphocyte-mediated tissue repair by rational design of heterocyclic aryl hydrocarbon receptor agonists. <i>Science Advances</i> , 2020, 6, eaay8230.	4.7	31
890	Effect of chemical modulation of toll-like receptor 4 in an animal model of ulcerative colitis. <i>European Journal of Clinical Pharmacology</i> , 2020, 76, 409-418.	0.8	12
891	The Impact of Dietary Components on Regulatory T Cells and Disease. <i>Frontiers in Immunology</i> , 2020, 11, 253.	2.2	38
892	A pregnancy complication-dependent change in SigA-targeted microbiota during third trimester. <i>Food and Function</i> , 2020, 11, 1513-1524.	2.1	23
893	Xylooligosaccharide Modulates Gut Microbiota and Alleviates Colonic Inflammation Caused by High Fat Diet Induced Obesity. <i>Frontiers in Physiology</i> , 2019, 10, 1601.	1.3	53
894	The $\beta$ -D-glucan from marine fungus <i>Phoma herbarum</i> YS4108 ameliorated mice colitis by repairing mucosal barrier and maintaining intestinal homeostasis. <i>International Journal of Biological Macromolecules</i> , 2020, 149, 1180-1188.	3.6	25
895	Effect of Probiotics and Herbal Products on Intestinal Histomorphological and Immunological Development in Piglets. <i>Veterinary Medicine International</i> , 2020, 2020, 1-14.	0.6	10
896	The interaction between dietary marine components and intestinal flora. <i>Marine Life Science and Technology</i> , 2020, 2, 161-171.	1.8	12

#	ARTICLE	IF	CITATIONS
897	Dysbiosis in Peripheral Blood Mononuclear Cell Virome Associated With Systemic Lupus Erythematosus. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 131.	1.8	6
898	“Circadian misalignment and the gut microbiome. A bidirectional relationship triggering inflammation and metabolic disorders” a literature review. <i>Sleep Medicine</i> , 2020, 72, 93-108.	0.8	19
899	STAT3 signaling in myeloid cells promotes pathogenic myelin-specific T cell differentiation and autoimmune demyelination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5430-5441.	3.3	37
900	Antibacterial Monoclonal Antibodies Do Not Disrupt the Intestinal Microbiome or Its Function. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	9
901	Impact of maternal dietary gut microbial metabolites on an offspring’s systemic immune response in mouse models. <i>Bioscience of Microbiota, Food and Health</i> , 2020, 39, 33-38.	0.8	7
902	In silico and functional analyses of immunomodulatory peptides encrypted in the human gut metaproteome. <i>Journal of Functional Foods</i> , 2020, 70, 103969.	1.6	3
903	Gut Microbiota and Pathogenesis of Organ Injury. <i>Advances in Experimental Medicine and Biology</i> , 2020, , .	0.8	7
904	Contributors to Dysbiosis in Very-Low-Birth-Weight Infants. <i>JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing</i> , 2020, 49, 232-242.	0.2	15
905	Metagenomics analysis reveals features unique to Indian distal gut microbiota. <i>PLoS ONE</i> , 2020, 15, e0231197.	1.1	24
906	<i>In-vivo</i> biotransformation of citrus functional components and their effects on health. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 756-776.	5.4	30
907	Synergetic responses of intestinal microbiota and epithelium to dietary inulin supplementation in pigs. <i>European Journal of Nutrition</i> , 2021, 60, 715-727.	1.8	10
908	Intestinal microbiota and juvenile idiopathic arthritis: current understanding and future prospective. <i>World Journal of Pediatrics</i> , 2021, 17, 40-51.	0.8	11
909	Gut microbiota contributes towards immunomodulation against cancer: New frontiers in precision cancer therapeutics. <i>Seminars in Cancer Biology</i> , 2021, 70, 11-23.	4.3	26
910	TRIM34 attenuates colon inflammation and tumorigenesis by sustaining barrier integrity. <i>Cellular and Molecular Immunology</i> , 2021, 18, 350-362.	4.8	16
911	Lactobacillus plantarum-Mediated Regulation of Dietary Aluminum Induces Changes in the Human Gut Microbiota: an In Vitro Colonic Fermentation Study. <i>Probiotics and Antimicrobial Proteins</i> , 2021, 13, 398-412.	1.9	19
912	MAP3K2 augments Th1 cell differentiation via IL-18 to promote T cell-mediated colitis. <i>Science China Life Sciences</i> , 2021, 64, 389-403.	2.3	12
913	<i>Clostridium butyricum</i> improves immune responses and remodels the intestinal microbiota of common carp ( <i>Cyprinus carpio</i> L.). <i>Aquaculture</i> , 2021, 530, 735753.	1.7	42
914	Heat stress and poultry production: impact and amelioration. <i>International Journal of Biometeorology</i> , 2021, 65, 163-179.	1.3	82

#	ARTICLE	IF	CITATIONS
915	Effect of antibiotic use on outcomes in patients with Hodgkin lymphoma treated with immune checkpoint inhibitors. <i>Leukemia and Lymphoma</i> , 2021, 62, 247-251.	0.6	8
916	Mining zebrafish microbiota reveals key community-level resistance against fish pathogen infection. <i>ISME Journal</i> , 2021, 15, 702-719.	4.4	49
917	Is a healthy microbiome responsible for lower mortality in COVID-19?. <i>Biologia (Poland)</i> , 2021, 76, 819-829.	0.8	24
918	Gut Commensal-Induced IL1 $\beta$ Expression in Dendritic Cells Influences the Th17 Response. <i>Frontiers in Immunology</i> , 2020, 11, 612336.	2.2	6
919	Probiotic Research in Therapeutics. , 2021, , .		1
920	The relationship between the gut microbiome and host gene expression: a review. <i>Human Genetics</i> , 2021, 140, 747-760.	1.8	78
921	The microbiome in a healthy pregnancy. , 2021, , 3-20.		2
922	The gut microbiota in anxiety and depression – A systematic review. <i>Clinical Psychology Review</i> , 2021, 83, 101943.	6.0	375
923	Analysis of gut microbiota and intestinal integrity markers of inpatients with major depressive disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 106, 110076.	2.5	41
924	Gut microbiota modulation and anti-inflammatory properties of Xuanbai Chengqi decoction in septic rats. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113534.	2.0	17
925	Current challenges and best-practice protocols for microbiome analysis. <i>Briefings in Bioinformatics</i> , 2021, 22, 178-193.	3.2	268
926	<i>Candida albicans</i> Colonizes and Disseminates to the Gastrointestinal Tract in the Presence of the Microbiota in a Severe Combined Immunodeficient Mouse Model. <i>Frontiers in Microbiology</i> , 2020, 11, 619878.	1.5	7
927	Bacteriotherapy for inflammatory bowel disease. <i>Inflammation and Regeneration</i> , 2021, 41, 3.	1.5	21
928	Sensory neuron-associated macrophages as novel modulators of neuropathic pain. <i>Pain Reports</i> , 2021, 6, e873.	1.4	32
929	Microglia in neurodegenerative diseases. <i>Neural Regeneration Research</i> , 2021, 16, 270.	1.6	59
930	Epigenomics of intestinal disease. , 2021, , 213-230.		0
931	The Gut Microbiome in Serious Mental Illnesses. <i>The Microbiomes of Humans, Animals, Plants, and the Environment</i> , 2021, , 243-263.	0.2	1
933	Gut microbiota of animals living in polluted environments are a potential resource of anticancer molecules. <i>Journal of Applied Microbiology</i> , 2021, 131, 1039-1055.	1.4	2

#	ARTICLE	IF	CITATIONS
934	Intestinal Dysbiosis in Infectious Diseases. , 2022, , 501-514.		0
935	Dietary glycyl-glutamine supplementation ameliorates intestinal integrity, inflammatory response, and oxidative status in association with the gut microbiota in LPS-challenged piglets. Food and Function, 2021, 12, 3539-3551.	2.1	24
936	Treg Cells and Epigenetic Regulation. Advances in Experimental Medicine and Biology, 2021, 1278, 95-114.	0.8	9
937	A polysaccharide from natural <i>Cordyceps sinensis</i> regulates the intestinal immunity and gut microbiota in mice with cyclophosphamide-induced intestinal injury. Food and Function, 2021, 12, 6271-6282.	2.1	29
938	<i>Helicobacter hepaticus</i> is required for immune targeting of bacterial heat shock protein 60 and fatal colitis in mice. Gut Microbes, 2021, 13, 1-20.	4.3	8
939	Vitamin D and The Gut Microbiota: a Narrative Literature Review. Clinical Nutrition Research, 2021, 10, 181.	0.5	28
940	Immune mechanisms in bipolar disorder: Evidence and implications. , 2021, , 37-59.		0
941	Suppressed inflammation in obese children induced by a high-fiber diet is associated with the attenuation of gut microbial virulence factor genes. Virulence, 2021, 12, 1754-1770.	1.8	6
942	Gold digging: Searching for gut microbiota that enhances Antitumor immunity. Journal of Cellular Physiology, 2021, 236, 5495-5511.	2.0	2
943	Gut Microbiota and Human Body Interactions; Its Impact on Health: A Review. Current Pharmaceutical Biotechnology, 2022, 23, 4-14.	0.9	16
944	Gut microbiome analysis as a predictive marker for the gastric cancer patients. Applied Microbiology and Biotechnology, 2021, 105, 803-814.	1.7	38
945	Crosstalk between gut microbiota and sepsis. Burns and Trauma, 2021, 9, tkab036.	2.3	24
946	Preventive Effects of Probiotics and Prebiotics in Food Allergy: Potentials and Promise. Microorganisms for Sustainability, 2021, , 85-100.	0.4	0
947	Psychobiotics: A Newer Approach Toward the Treatment of Neurodevelopmental Disorders. , 2021, , 203-216.		0
948	Childhood Obesity and Respiratory Diseases: Which Link?. Children, 2021, 8, 177.	0.6	23
949	Gross ways to live long: Parasitic worms as an anti-inflammaging therapy?. ELife, 2021, 10, .	2.8	9
950	The Gut Microbial Composition Is Species-Specific and Individual-Specific in Two Species of Estrildid Finches, the Bengalese Finch and the Zebra Finch. Frontiers in Microbiology, 2021, 12, 619141.	1.5	13
951	Antibiotic-associated dysbiosis affects the ability of the gut microbiota to control intestinal inflammation upon fecal microbiota transplantation in experimental colitis models. Microbiome, 2021, 9, 39.	4.9	52

#	ARTICLE	IF	CITATIONS
952	Evaluation of an O <sub>2</sub> -Substituted (1 $\alpha$ ,3)- $\beta$ -D-Glucan, Produced by <i>Pediococcus parvulus</i> 2.6, in ex vivo Models of Crohn's Disease. <i>Frontiers in Microbiology</i> , 2021, 12, 621280.	1.5	5
953	Microbiota as Drivers and as Therapeutic Targets in Ocular and Tissue Specific Autoimmunity. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 606751.	1.8	11
954	Adsorptive granulomonocytapheresis alters the gut bacterial microbiota in patients with active ulcerative colitis. <i>Journal of Clinical Apheresis</i> , 2021, 36, 454-464.	0.7	3
955	Postbiotic Supplementation for Children and Newborn's Health. <i>Nutrients</i> , 2021, 13, 781.	1.7	18
956	Host immunity modulates the efficacy of microbiota transplantation for treatment of <i>Clostridioides difficile</i> infection. <i>Nature Communications</i> , 2021, 12, 755.	5.8	40
957	The Interrelationships between Intestinal Permeability and Phlegm Syndrome and Therapeutic Potential of Some Medicinal Herbs. <i>Biomolecules</i> , 2021, 11, 284.	1.8	8
958	Effects of Berberine on the Gastrointestinal Microbiota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 588517.	1.8	35
959	Comparison of Fecal Microbiota of Horses Suffering from Atypical Myopathy and Healthy Co-Grazers. <i>Animals</i> , 2021, 11, 506.	1.0	4
961	Gentamicin Induced Microbiome Adaptations Associate With Increased BCAA Levels and Enhance Severity of Influenza Infection. <i>Frontiers in Immunology</i> , 2020, 11, 608895.	2.2	8
962	Oral Sub-Chronic Ochratoxin a Exposure Induces Gut Microbiota Alterations in Mice. <i>Toxins</i> , 2021, 13, 106.	1.5	14
963	Polyphenol-rich vinegar extract regulates intestinal microbiota and immunity and prevents alcohol-induced inflammation in mice. <i>Food Research International</i> , 2021, 140, 110064.	2.9	45
964	Protective properties of the mucosa of the upper respiratory tract and methods of their activation. <i>Rossiyskiy Vestnik Perinatologii i Peditrii</i> , 2021, 66, 140-146.	0.1	1
965	Nicotinamide Ameliorates Dextran Sulfate Sodium-Induced Chronic Colitis in Mice through Its Anti-Inflammatory Properties and Modulates the Gut Microbiota. <i>Journal of Immunology Research</i> , 2021, 2021, 1-19.	0.9	8
966	Comparative analysis of bacterial communities of water and intestines of silver carp ( <i>Hypophthalmichthys molitrix</i> ) and bighead carp ( <i>H. nobilis</i> ) reared in aquaculture pond systems. <i>Aquaculture</i> , 2021, 534, 736334.	1.7	11
967	Age-related cognitive decline is associated with microbiota-gut-brain axis disorders and neuroinflammation in mice. <i>Behavioural Brain Research</i> , 2021, 402, 113125.	1.2	37
968	Understanding Asthma and Allergies by the Lens of Biodiversity and Epigenetic Changes. <i>Frontiers in Immunology</i> , 2021, 12, 623737.	2.2	12
969	Effects of domestication on the gut microbiota parallel those of human industrialization. <i>ELife</i> , 2021, 10, .	2.8	42
970	The Gut-Brain Axis: Two Ways Signaling in Parkinson's Disease. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 315-332.	1.7	47



#	ARTICLE	IF	CITATIONS
971	Lactobacillus stress protein GroEL prevents colonic inflammation. <i>Journal of Gastroenterology</i> , 2021, 56, 442-455.	2.3	29
972	Gut Microbiota: Influence on Carcinogenesis and Modulation Strategies by Drug Delivery Systems to Improve Cancer Therapy. <i>Advanced Science</i> , 2021, 8, 2003542.	5.6	26
973	Gut microbial dysbiosis after traumatic brain injury modulates the immune response and impairs neurogenesis. <i>Acta Neuropathologica Communications</i> , 2021, 9, 40.	2.4	55
974	Lantibiotics Produced by Oral Inhabitants as a Trigger for Dysbiosis of Human Intestinal Microbiota. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3343.	1.8	5
975	Transient Effect of Infant Formula Supplementation on the Intestinal Microbiota. <i>Nutrients</i> , 2021, 13, 807.	1.7	8
976	Chronic tissue inflammation and metabolic disease. <i>Genes and Development</i> , 2021, 35, 307-328.	2.7	122
977	Bugs and Brains, the Gut and Mental Health Study: a mixed-methods study investigating microbiota composition and function in anxiety, depression and irritable bowel syndrome. <i>BMJ Open</i> , 2021, 11, e043221.	0.8	5
978	A postbiotic from <i>Aspergillus oryzae</i> attenuates the impact of heat stress in ectothermic and endothermic organisms. <i>Scientific Reports</i> , 2021, 11, 6407.	1.6	14
979	Redox-active nanoparticles for inflammatory bowel disease. <i>Nano Research</i> , 2021, 14, 2535-2557.	5.8	27
980	Enhancing bile tolerance of <i>Lactobacilli</i> is involved in the hypolipidemic effects of liraglutide. <i>Bioscience, Biotechnology and Biochemistry</i> , 2021, 85, 1395-1404.	0.6	1
981	Gut microbiome, body weight, and mammographic breast density in healthy postmenopausal women. <i>Cancer Causes and Control</i> , 2021, 32, 681-692.	0.8	8
982	Postoperative Complications Are Associated with Long-Term Changes in the Gut Microbiota Following Colorectal Cancer Surgery. <i>Life</i> , 2021, 11, 246.	1.1	8
983	The impact of probiotics on gut health via alternation of immune status of monogastric animals. <i>Animal Nutrition</i> , 2021, 7, 24-30.	2.1	35
984	Relationship between Nutrient Intake and Human Gut Microbiota in Monozygotic Twins. <i>Medicina (Lithuania)</i> , 2021, 57, 275.	0.8	8
985	Processed meat products with added plant antioxidants affect the microbiota and immune response in C57BL/6J mice with cyclically induced chronic inflammation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111133.	2.5	6
986	Role of dietary polyphenols on gut microbiota, their metabolites and health benefits. <i>Food Research International</i> , 2021, 142, 110189.	2.9	184
987	Asymmetric profiles of infection and innate immunological responses in human iPS cell-derived small intestinal epithelial-like cell monolayers following infection with mammalian reovirus. <i>Virus Research</i> , 2021, 296, 198334.	1.1	2
988	The Association Between Intestinal Bacteria and Allergic Diseases—Cause or Consequence?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 650893.	1.8	27

#	ARTICLE	IF	CITATIONS
989	The Role of Intestinal Microbiota in Colorectal Cancer. <i>Frontiers in Pharmacology</i> , 2021, 12, 674807.	1.6	19
991	Host resistance to <i>Bacillus thuringiensis</i> is linked to altered bacterial community within a specialist insect herbivore. <i>Molecular Ecology</i> , 2021, 30, 5438-5453.	2.0	23
992	Anti-Inflammatory and Immunomodulatory Properties of Fermented Plant Foods. <i>Nutrients</i> , 2021, 13, 1516.	1.7	66
993	Gut microbiota regulation and anti-inflammatory effect of $\beta$ -carotene in dextran sulfate sodium-stimulated ulcerative colitis in rats. <i>Journal of Food Science</i> , 2021, 86, 2118-2130.	1.5	27
994	Role of the gut microbiota in type 2 diabetes and related diseases. <i>Metabolism: Clinical and Experimental</i> , 2021, 117, 154712.	1.5	152
995	Diarrhea Predominant-Irritable Bowel Syndrome (IBS-D): Effects of Different Nutritional Patterns on Intestinal Dysbiosis and Symptoms. <i>Nutrients</i> , 2021, 13, 1506.	1.7	48
996	The post-hematopoietic cell transplantation microbiome: relationships with transplant outcome and potential therapeutic targets. <i>Haematologica</i> , 2021, 106, 2042-2053.	1.7	8
997	Altered Gut Microbiota Taxonomic Compositions of Patients With Sepsis in a Pediatric Intensive Care Unit. <i>Frontiers in Pediatrics</i> , 2021, 9, 645060.	0.9	15
998	Association of diabetes and microbiota: An update. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 4446-4454.	1.8	14
999	The brain-gut axis, inflammatory bowel disease and bioelectronic medicine. <i>International Immunology</i> , 2021, 33, 349-356.	1.8	6
1000	Gut Microbiota Composition and Epigenetic Molecular Changes Connected to the Pathogenesis of Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 1436-1455.	1.1	30
1001	From the Role of Microbiota in Gut-Lung Axis to SARS-CoV-2 Pathogenesis. <i>Mediators of Inflammation</i> , 2021, 2021, 1-12.	1.4	17
1002	<i>Cichorium pumilum</i> Jacq Extract Inhibits LPS-Induced Inflammation via MAPK Signaling Pathway and Protects Rats From Hepatic Fibrosis Caused by Abnormalities in the Gut-Liver Axis. <i>Frontiers in Pharmacology</i> , 2021, 12, 683613.	1.6	11
1003	Impact of gut microbiota on plasma oxylipins profile under healthy and obesogenic conditions. <i>Clinical Nutrition</i> , 2021, 40, 1475-1486.	2.3	15
1004	Effect of <i>Echinostoma caproni</i> on Presumptive Lactic Acid Bacteria Abundance and <i>Salmonella enterica</i> Serovar Typhimurium Colonization in the Mouse Gut. <i>Journal of Parasitology</i> , 2021, 107, 381-387.	0.3	0
1005	Abietic acid ameliorates psoriasis-like inflammation and modulates gut microbiota in mice. <i>Journal of Ethnopharmacology</i> , 2021, 272, 113934.	2.0	18
1006	CD101 as an indicator molecule for pathological changes at the interface of host-microbiota interactions. <i>International Journal of Medical Microbiology</i> , 2021, 311, 151497.	1.5	3
1007	Supplementation of <i>Lactobacillus</i> early in life alters attention bias to threat in piglets. <i>Scientific Reports</i> , 2021, 11, 10130.	1.6	10

#	ARTICLE	IF	CITATIONS
1008	Diet, habitat environment and lifestyle conversion affect the gut microbiomes of giant pandas. <i>Science of the Total Environment</i> , 2021, 770, 145316.	3.9	27
1009	Enriched Opportunistic Pathogens Revealed by Metagenomic Sequencing Hint Potential Linkages between Pharyngeal Microbiota and COVID-19. <i>Virologica Sinica</i> , 2021, 36, 924-933.	1.2	24
1010	Integrated 16S rRNA Gene Sequencing and LC-MS Analysis Revealed the Interplay Between Gut Microbiota and Plasma Metabolites in Rats With Ischemic Stroke. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 2095-2106.	1.1	19
1011	Pathways linking biodiversity to human health: A conceptual framework. <i>Environment International</i> , 2021, 150, 106420.	4.8	210
1012	Inflammatory bowel disease and psoriasis: modernizing the multidisciplinary approach. <i>Journal of Internal Medicine</i> , 2021, 290, 257-278.	2.7	29
1013	The Potential Role of the Intestinal Micromilieu and Individual Microbes in the Immunobiology of Chimeric Antigen Receptor T-Cell Therapy. <i>Frontiers in Immunology</i> , 2021, 12, 670286.	2.2	16
1015	Silicon dioxide nanoparticles induced neurobehavioral impairments by disrupting microbiota-gut-brain axis. <i>Journal of Nanobiotechnology</i> , 2021, 19, 174.	4.2	34
1016	A pilot study of possible anti-inflammatory effects of the specific carbohydrate diet in children with juvenile idiopathic arthritis. <i>Pediatric Rheumatology</i> , 2021, 19, 88.	0.9	4
1017	The Ability of AhR Ligands to Attenuate Delayed Type Hypersensitivity Reaction Is Associated With Alterations in the Gut Microbiota. <i>Frontiers in Immunology</i> , 2021, 12, 684727.	2.2	17
1018	Impact of the Gut Microbiota Balance on the Health-Disease Relationship: The Importance of Consuming Probiotics and Prebiotics. <i>Foods</i> , 2021, 10, 1261.	1.9	27
1019	Living fabrication of functional semi-interpenetrating polymeric materials. <i>Nature Communications</i> , 2021, 12, 3422.	5.8	31
1020	Can control of gut microbiota be a future therapeutic option for inflammatory bowel disease?. <i>World Journal of Gastroenterology</i> , 2021, 27, 3317-3326.	1.4	25
1021	Study of Fermented Mealworm ( <i>Tenebrio molitor</i> L.) as a Novel Prebiotic for Intestinal Microbiota. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 543-550.	0.2	1
1022	Antibiotic exposure decreases soil arsenic oral bioavailability in mice by disrupting ileal microbiota and metabolic profile. <i>Environment International</i> , 2021, 151, 106444.	4.8	26
1023	Hepatopancreas-Specific Lectin Participates in the Antibacterial Immune Response by Regulating the Expression of Antibacterial Proteins. <i>Frontiers in Immunology</i> , 2021, 12, 679767.	2.2	15
1024	Gut mucosal and adipose tissues as health targets of the immunomodulatory mechanisms of probiotics. <i>Trends in Food Science and Technology</i> , 2021, 112, 764-779.	7.8	8
1025	Integrated metabolomics and 16S rDNA sequencing to investigate the mechanism of immune-enhancing effect of health Tonic oral liquid. <i>Food Research International</i> , 2021, 144, 110323.	2.9	9
1026	Die Bedeutung des Darms für unser Immunsystem. <i>Zeitschrift Fur Phytotherapie: Offizielles Organ Der Ges F Phytotherapie E V</i> , 2021, 42, .	0.0	0

#	ARTICLE	IF	CITATIONS
1027	Microbiota and epigenetics: promising therapeutic approaches?. <i>Environmental Science and Pollution Research</i> , 2021, 28, 49343-49361.	2.7	15
1028	β-Carotene prevents weaning-induced intestinal inflammation by modulating gut microbiota in piglets. <i>Animal Bioscience</i> , 2021, 34, 1221-1234.	0.8	34
1029	NMN Maintains Intestinal Homeostasis by Regulating the Gut Microbiota. <i>Frontiers in Nutrition</i> , 2021, 8, 714604.	1.6	46
1030	Encapsulation of bifidobacterium in alginate microgels improves viability and targeted gut release. <i>Food Hydrocolloids</i> , 2021, 116, 106634.	5.6	57
1031	Colonization of <i>Clostridium butyricum</i> in Rats and Its Effect on Intestinal Microbial Composition. <i>Microorganisms</i> , 2021, 9, 1573.	1.6	9
1032	Immunomodulatory effects of polysaccharides from edible fungus: a review. <i>Food Science and Human Wellness</i> , 2021, 10, 393-400.	2.2	95
1033	Is Regular Probiotic Practice Safe for Management of Sepsis?. <i>Chinese Journal of Integrative Medicine</i> , 2022, 28, 185-192.	0.7	5
1034	Environmentally relevant concentrations of microplastics influence the locomotor activity of aquatic biota. <i>Journal of Hazardous Materials</i> , 2021, 414, 125581.	6.5	42
1035	The Microbiota-Gut-Brain Axis and Epilepsy. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 439-453.	1.7	32
1036	Intestinal Fibrosis and Gut Microbiota: Clues From Other Organs. <i>Frontiers in Microbiology</i> , 2021, 12, 694967.	1.5	17
1037	Probiotic Supplementation for Rheumatoid Arthritis: A Promising Adjuvant Therapy in the Gut Microbiome Era. <i>Frontiers in Pharmacology</i> , 2021, 12, 711788.	1.6	28
1038	A Root in Synapsis and the Other One in the Gut Microbiome-Brain Axis: Are the Two Poles of Ketogenic Diet Enough to Challenge Glioblastoma?. <i>Frontiers in Nutrition</i> , 2021, 8, 703392.	1.6	5
1039	The Role of Short-Chain Fatty Acids and Bile Acids in Intestinal and Liver Function, Inflammation, and Carcinogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 703218.	1.8	55
1040	Microbiome analysis reveals gut microbiota alteration in mice with the effect of matrine. <i>Microbial Pathogenesis</i> , 2021, 156, 104926.	1.3	20
1041	Inflammatory Bowel Diseases and Sarcopenia: The Role of Inflammation and Gut Microbiota in the Development of Muscle Failure. <i>Frontiers in Immunology</i> , 2021, 12, 694217.	2.2	57
1042	Smectite as a Preventive Oral Treatment to Reduce Clinical Symptoms of DSS Induced Colitis in Balb/c Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8699.	1.8	3
1043	Paleomicrobiology of the human digestive tract: A review. <i>Microbial Pathogenesis</i> , 2021, 157, 104972.	1.3	1
1044	Gut Microbiome and Common Variable Immunodeficiency: Few Certainties and Many Outstanding Questions. <i>Frontiers in Immunology</i> , 2021, 12, 712915.	2.2	26

#	ARTICLE	IF	CITATIONS
1045	A population-based study on associations of stool microbiota with atopic diseases in school-age children. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 612-620.	1.5	29
1046	Affective disorders impact prevalence of Flavonifactor and abundance of Christensenellaceae in gut microbiota. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 110, 110300.	2.5	15
1047	Microbiota-Gut-Brain Communication in the SARS-CoV-2 Infection. <i>Cells</i> , 2021, 10, 1993.	1.8	17
1048	Postoperative pain and the gut microbiome. <i>Neurobiology of Pain (Cambridge, Mass )</i> , 2021, 10, 100070.	1.0	14
1049	Piglets' gut microbiota dynamics. <i>CAB Reviews: Perspectives in Agriculture, Veterinary Science, Nutrition and Natural Resources</i> , 0, , .	0.6	0
1050	Specific Gut Microbiome and Serum Metabolome Changes in Lung Cancer Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 725284.	1.8	46
1051	The Gut-Microbiota-Brain Axis in Autism Spectrum Disorder. , 0, , 95-114.		5
1052	Gut microbial biomarkers for the treatment response in first-episode, drug-naïve schizophrenia: a 24-week follow-up study. <i>Translational Psychiatry</i> , 2021, 11, 422.	2.4	25
1053	Tibetan Medical Paradigms for the SARS-CoV-2 Pandemic. <i>Asian Medicine</i> , 2021, 16, 89-127.	0.2	3
1054	Environmental fluoride exposure disrupts the intestinal structure and gut microbial composition in ducks. <i>Chemosphere</i> , 2021, 277, 130222.	4.2	33
1055	Antibiotic-Induced Gut Microbiota Dysbiosis Damages the Intestinal Barrier, Increasing Food Allergy in Adult Mice. <i>Nutrients</i> , 2021, 13, 3315.	1.7	43
1056	Infections and antibiotics during fetal life and childhood and their relationship to juvenile idiopathic arthritis: a prospective cohort study. <i>Pediatric Rheumatology</i> , 2021, 19, 145.	0.9	7
1057	Interplay between Gut Lymphatic Vessels and Microbiota. <i>Cells</i> , 2021, 10, 2584.	1.8	8
1058	Comparative analysis of fecal microbiota composition diversity in Tibetan piglets suffering from diarrheagenic <i>Escherichia coli</i> (DEC). <i>Microbial Pathogenesis</i> , 2021, 158, 105106.	1.3	18
1059	Dietary Supplementation of Inulin Ameliorates Subclinical Mastitis via Regulation of Rumen Microbial Community and Metabolites in Dairy Cows. <i>Microbiology Spectrum</i> , 2021, 9, e0010521.	1.2	55
1060	Microbiome-pathogen interactions drive epidemiological dynamics of antibiotic resistance: A modeling study applied to nosocomial pathogen control. <i>ELife</i> , 2021, 10, .	2.8	6
1061	Managing the bacterial contamination risk in an axenic mice animal facility. <i>Canadian Journal of Microbiology</i> , 2021, 67, 657-666.	0.8	2
1062	Modulation of the Gut Microbiota by Sihochenggan-Tang Shapes the Immune Responses of Atopic Dermatitis. <i>Frontiers in Pharmacology</i> , 2021, 12, 722730.	1.6	10

#	ARTICLE	IF	CITATIONS
1063	Exploring the intersection of the microbiome and the developing brain: Impacts on schizophrenia risk. <i>Schizophrenia Research</i> , 2021, , .	1.1	3
1064	Early Life Fecal Microbiota Transplantation in Neonatal Dairy Calves Promotes Growth Performance and Alleviates Inflammation and Oxidative Stress during Weaning. <i>Animals</i> , 2021, 11, 2704.	1.0	16
1065	Results of the Seventh Scientific Workshop of ECCO: Precision Medicine in IBDâ€”What, Why, and How. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 1410-1430.	0.6	28
1066	Dealing with MDR bacteria and biofilm in the post-antibiotic era: Application of antimicrobial peptides-based nano-formulation. <i>Materials Science and Engineering C</i> , 2021, 128, 112318.	3.8	24
1067	Gut Microbiota-Modulated Metabolomic Profiling Shapes the Etiology and Pathogenesis of Autoimmune Diseases. <i>Microorganisms</i> , 2021, 9, 1930.	1.6	9
1068	Microbiota-derived lactate promotes hematopoiesis and erythropoiesis by inducing stem cell factor production from leptin receptor+ niche cells. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1319-1331.	3.2	21
1070	Polysaccharide from <i>Artocarpus heterophyllus</i> Lam. (jackfruit) pulp modulates gut microbiota composition and improves short-chain fatty acids production. <i>Food Chemistry</i> , 2021, 364, 130434.	4.2	38
1071	Honey bee <i>Apis mellifera</i> larvae gut microbial and immune, detoxication responses towards flumethrin stress. <i>Environmental Pollution</i> , 2021, 290, 118107.	3.7	22
1072	Early life stress causes persistent impacts on the microbiome of Atlantic salmon. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 40, 100888.	0.4	13
1073	Interactions Between Ticks and Lyme Disease Spirochetes. <i>Current Issues in Molecular Biology</i> , 2022, 42, 113-144.	1.0	16
1074	Improvements of immune genes and intestinal microbiota composition of turbot ( <i>Scophthalmus</i> ) Tj ETQq0 0 0 rgBT J Overlock 10 Tf 50	1.7	19
1075	Microbiome and microbiota. <i>Ege TÄ±p Dergisi</i> , 0, , 88-93.	0.1	3
1076	Metabolomics Signatures of Aging: Recent Advances. , 2021, 12, 646.		39
1077	Association between Gut Microbiome and Metabolome in Mice Suffering from Acute Carbapenem-Resistant <i>Escherichia coli</i> Infection. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1078	Network analysis methods for studying microbial communities: A mini review. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2687-2698.	1.9	130
1079	Inflammatory Bowel Disease: New Insights into the Interplay between Environmental Factors and PPARÎ³. <i>International Journal of Molecular Sciences</i> , 2021, 22, 985.	1.8	25
1080	Effects of Early Transplantation of the Faecal Microbiota from Tibetan Pigs on the Gut Development of DSS-Challenged Piglets. <i>BioMed Research International</i> , 2021, 2021, 1-11.	0.9	3
1081	Disrupted Iron Metabolism and Mortality during Co-infection with Malaria and an Intestinal Gram-Negative Extracellular Pathogen. <i>Cell Reports</i> , 2021, 34, 108613.	2.9	3

#	ARTICLE	IF	CITATIONS
1082	Enhancing Pathogen Resistance: The Gut Microbiota and Malaria. , 2022, , 143-167.		2
1083	Therapeutic Application of Exosomes in Inflammatory Diseases. International Journal of Molecular Sciences, 2021, 22, 1144.	1.8	28
1084	Gut Microbiota and Multiple Organ Dysfunction Syndrome (MODS). Advances in Experimental Medicine and Biology, 2020, 1238, 195-202.	0.8	11
1085	Gut Microbiota and Endocrine Disorder. Advances in Experimental Medicine and Biology, 2020, 1238, 143-164.	0.8	14
1086	Gut microbiome and multiple sclerosis: New insights and perspective. International Immunopharmacology, 2020, 88, 107024.	1.7	30
1087	Gut microbiota and systemic immunity in health and disease. International Immunology, 2021, 33, 197-209.	1.8	34
1088	Viralâ€“bacterial interactions in the respiratory tract. Journal of General Virology, 2016, 97, 3089-3102.	1.3	50
1089	A mouse model of Staphylococcus aureus small intestinal infection. Journal of Medical Microbiology, 2020, 69, 290-297.	0.7	15
1097	Systematic review: ileoanal pouch microbiota in health and disease. Alimentary Pharmacology and Therapeutics, 2018, 47, 466-477.	1.9	38
1098	Interpopulation Variation in the Atlantic Salmon Microbiome Reflects Environmental and Genetic Diversity. Applied and Environmental Microbiology, 2018, 84, .	1.4	108
1099	Minireview on the Relations between Gut Microflora and Parkinsonâ€™s Disease: Further Biochemical (Oxidative Stress), Inflammatory, and Neurological Particularities. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-15.	1.9	18
1100	LYN- and AIRE-mediated tolerance checkpoint defects synergize to trigger organ-specific autoimmunity. Journal of Clinical Investigation, 2016, 126, 3758-3771.	3.9	19
1101	Commensal Propionibacterium strain UF1 mitigates intestinal inflammation via Th17 cell regulation. Journal of Clinical Investigation, 2017, 127, 3970-3986.	3.9	67
1102	Roles of Neuronal TRP Channels in Neuroimmune Interactions. Frontiers in Neuroscience, 2017, , 277-294.	0.0	1
1103	Environmental enrichment does not impact on tumor growth in mice. F1000Research, 2013, 2, 140.	0.8	18
1104	Defining the functional states of Th17 cells. F1000Research, 2015, 4, 132.	0.8	23
1105	Making sense of the cause of Crohnâ€™s â€“ a new look at an old disease. F1000Research, 2016, 5, 2510.	0.8	13
1106	Vitamin D and immunity. F1000prime Reports, 2014, 6, 118.	5.9	60



#	ARTICLE	IF	CITATIONS
1107	The Effects of Freezing on Faecal Microbiota as Determined Using MiSeq Sequencing and Culture-Based Investigations. <i>PLoS ONE</i> , 2015, 10, e0119355.	1.1	241
1108	Impact of Helminth Infections and Nutritional Constraints on the Small Intestine Microbiota. <i>PLoS ONE</i> , 2016, 11, e0159770.	1.1	60
1109	The potential role of Osteopontin in the maintenance of commensal bacteria homeostasis in the intestine. <i>PLoS ONE</i> , 2017, 12, e0173629.	1.1	16
1110	The Typhoid Toxin Promotes Host Survival and the Establishment of a Persistent Asymptomatic Infection. <i>PLoS Pathogens</i> , 2016, 12, e1005528.	2.1	60
1111	Microbiome-mediated neutrophil recruitment via CXCR2 and protection from amebic colitis. <i>PLoS Pathogens</i> , 2017, 13, e1006513.	2.1	63
1112	Intestinal immunity in hypopituitary dwarf mice: effects of age. <i>Aging</i> , 2018, 10, 358-370.	1.4	6
1113	MicroRNA-146a constrains multiple parameters of intestinal immunity and increases susceptibility to DSS colitis. <i>Oncotarget</i> , 2015, 6, 28556-28572.	0.8	53
1114	Psoriasis and inflammatory bowel diseases: pathogenetic pathways and the choice of biologic therapy (a literature review). <i>Almanah KliniĀeskoj Mediciny</i> , 2019, 47, 568-578.	0.2	7
1115	Alternative Therapy in the Prevention of Experimental and Clinical Inflammatory Bowel Disease. Impact of Regular Physical Activity, Intestinal Alkaline Phosphatase and Herbal Products. <i>Current Pharmaceutical Design</i> , 2020, 26, 2936-2950.	0.9	7
1116	Cross-regulatory Circuit Between AHR and Microbiota. <i>Current Drug Metabolism</i> , 2019, 20, 4-8.	0.7	14
1117	Dysregulation of the Gut-Brain Axis, Dysbiosis and Influence of Numerous Factors on Gut Microbiota Associated Parkinson's Disease. <i>Current Neuropharmacology</i> , 2020, 19, 233-247.	1.4	33
1118	Micro-RNAs -106a and -362-3p in Peripheral Blood of Inflammatory Bowel Disease Patients. <i>The Open Biochemistry Journal</i> , 2018, 12, 78-86.	0.3	22
1119	Dual Effects of Cell Free Supernatants from <i>Lactobacillus acidophilus</i> and <i>Lactobacillus rhamnosus</i> GG in Regulation of MMP-9 by Up-Regulating TIMP-1 and Down-Regulating CD147 in PMADifferentiated THP-1 Cells. <i>Cell Journal</i> , 2018, 19, 559-568.	0.2	23
1120	Effects of dietary supplementation with <i>Bacillus subtilis</i> and yeast culture on growth performance, nutrient digestibility, serum indices and faeces microbiota of weaned piglets. <i>Journal of Animal and Feed Sciences</i> , 2019, 28, 328-336.	0.4	6
1122	The Microbiota-Gut-Brain Axis and Alzheimer's Disease: Neuroinflammation Is to Blame?. <i>Nutrients</i> , 2021, 13, 37.	1.7	130
1123	Potential role of the gut microbiota in synthetic torpor and therapeutic hypothermia. <i>World Journal of Gastroenterology</i> , 2017, 23, 406.	1.4	9
1124	Calcium-sensing receptor in colorectal inflammation and cancer: Current insights and future perspectives. <i>World Journal of Gastroenterology</i> , 2018, 24, 4119-4131.	1.4	38
1125	Immunomodulatory and Anti-Inflammatory Phytochemicals for the Treatment of Inflammatory Bowel Disease (IBD). <i>Journal of Pharmacopuncture</i> , 2018, 21, 294-295.	0.4	4

#	ARTICLE	IF	CITATIONS
1126	Fecal Microbiota in Untreated Children With Juvenile Idiopathic Arthritis: A Comparison With Healthy Children and Healthy Siblings. <i>Journal of Rheumatology</i> , 2021, 48, 1589-1595.	1.0	6
1127	Diet, microbiota, and inflammatory bowel disease: lessons from Japanese foods. <i>Korean Journal of Internal Medicine</i> , 2014, 29, 409.	0.7	36
1128	IL-22: There Is a Gap in Our Knowledge. <i>ImmunoHorizons</i> , 2018, 2, 198-207.	0.8	77
1129	Synbiotic as Feed Additives Relating to Animal Health and Performance. <i>Advances in Microbiology</i> , 2016, 06, 288-302.	0.3	52
1130	Probiotic Lactic Acid Bacteria: A Review. <i>Food and Nutrition Sciences (Print)</i> , 2014, 05, 1765-1775.	0.2	75
1131	The Impact of Some Widely Probiotic (Iraqi Probiotic) on Health and Performance. <i>Journal of Biosciences and Medicines</i> , 2015, 03, 25-36.	0.1	3
1132	Roles of Neuronal TRP Channels in Neuroimmune Interactions. , 2017, , 277-294.		15
1133	Lung microbiome – a modern knowledge. <i>Central-European Journal of Immunology</i> , 2020, 45, 342-345.	0.4	10
1134	Nutrition, oxidative stress and intestinal dysbiosis: Influence of diet on gut microbiota in inflammatory bowel diseases. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2016, 160, 461-466.	0.2	153
1135	A low dose of an organophosphate insecticide causes dysbiosis and sex-dependent responses in the intestinal microbiota of the Japanese quail ( <i>Coturnix japonica</i> ). <i>PeerJ</i> , 2016, 4, e2002.	0.9	18
1136	Human milk microbiota associated with early colonization of the neonatal gut in Mexican newborns. <i>PeerJ</i> , 2020, 8, e9205.	0.9	32
1137	Cross-talk between immune system and microbiota in COVID-19. <i>Expert Review of Gastroenterology and Hepatology</i> , 2021, 15, 1281-1294.	1.4	26
1138	Role of dietary amino acids and microbial metabolites in the regulation of pig intestinal health. <i>Animal Nutrition</i> , 2022, 9, 1-6.	2.1	6
1139	Leveraging host-genetics and gut microbiota to determine immunocompetence in pigs. <i>Animal Microbiome</i> , 2021, 3, 74.	1.5	9
1140	Microbiomics in Collusion with the Nervous System in Carcinogenesis: Diagnosis, Pathogenesis and Treatment. <i>Microorganisms</i> , 2021, 9, 2129.	1.6	3
1141	Probiotics Regulate Gut Microbiota: An Effective Method to Improve Immunity. <i>Molecules</i> , 2021, 26, 6076.	1.7	113
1142	Microbiota and Ocular Diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 759333.	1.8	23
1143	Intestinal Microbiome in Hematopoietic Stem Cell Transplantation For Autoimmune Diseases: Considerations and Perspectives on Behalf of Autoimmune Diseases Working Party (ADWP) of the EBMT. <i>Frontiers in Oncology</i> , 2021, 11, 722436.	1.3	6

#	ARTICLE	IF	CITATIONS
1144	Insights into Oropharyngeal Microbiota, Biofilms and Associated Diseases from Metagenomics and Transcriptomic Approaches. , 0, , .		0
1145	Alterations in children's sub-dominant gut microbiota by HIV infection and anti-retroviral therapy. PLoS ONE, 2021, 16, e0258226.	1.1	4
1146	Microbial Translocation. , 2014, , 1-7.		0
1147	Inulin and Health Benefits. , 2015, , 675-715.		3
1148	Fecal microbiota transplantation is an effective rescue therapy for refractory inflammatory bowel disease. Inflammation and Cell Signaling, 0, , .	1.6	1
1151	EFFECT BY INTESTINAL MICROBIOM ON THE PROGRESSION OF VIRAL HEPATITIS. Russian Journal of Infection and Immunity, 2017, 6, 325-334.	0.2	0
1154	Salmonella-induced changes in the gut microbiota and immune response genes transcriptome during administration of vancomycin and Bacteroides fragilis. Patologiya, 2017, .	0.1	1
1155	Microbial Translocation. , 2018, , 1340-1346.		0
1156	G Protein-Coupled Receptor 109A and Host Microbiota Modulate Intestinal Epithelial Integrity During Sepsis. SSRN Electronic Journal, 0, , .	0.4	0
1157	Role of Gut Microbiota in Immune Homeostasis. , 2018, , 135-154.		1
1160	Identification of Dysbiosis Related Bacteria from New Zealand's White Rabbit Intestinal Treated With Lactobacillus plantarum IS-10506 as Probiotics Food Supplementation. Journal of Pharmacy and Nutrition Sciences (discontinued), 2018, 8, 29-34.	0.9	0
1161	The role of gut microbiota in forming a response to immunotherapy of malignant neoplasms: problem state. Meditsinskiy Sovet, 2018, , 128-133.	0.1	0
1162	Research progress on human microecology and infectious diseases. Infection International, 2018, 7, 94-100.	0.1	0
1164	Novel targets for drug discovery in celiac disease. Indian Journal of Pharmacology, 2019, 51, 359.	0.4	1
1165	S100-Alarmins are Crucial Host Factors for the Postnatal Development of Gut Homeostasis. SSRN Electronic Journal, 0, , .	0.4	0
1166	Improvement in a Patient with Active Systemic Lupus Erythematosus Treated with Transplant of Intestinal Microbiota. Gastroenterology & Medicine Research, 2019, 3, .	0.0	1
1168	SYNBIOTIC ADDITIVES IN THE WAFFLES TECHNOLOGY. Har'ova Nauka i Tehnologiya, 2019, 13, .	0.2	2
1170	Antioxidant Supplements and Oxidative Stress: The debate extends to the Middle East. Sultan Qaboos University Medical Journal, 2019, 19, 177.	0.3	0

#	ARTICLE	IF	CITATIONS
1171	Role of the Inflammasome in Cancer. , 2020, , 263-289.		0
1172	Involvement of Astrocytes in the Process of Metabolic Syndrome. , 0, , .		0
1173	Gut microbiota and immunity relevance in eubiosis and dysbiosis. Saudi Journal of Biological Sciences, 2022, 29, 1628-1643.	1.8	38
1174	GPR35 in Intestinal Diseases: From Risk Gene to Function. Frontiers in Immunology, 2021, 12, 717392.	2.2	20
1175	Sinomenine ameliorates septic acute lung injury in mice by modulating gut homeostasis via aryl hydrocarbon receptor/Nrf2 pathway. European Journal of Pharmacology, 2021, 912, 174581.	1.7	23
1176	<i>Lactobacillus Spp</i> . strains isolation, identification, preservation and quantitative determinations from the intestinal content and faeces of weaned piglets. Archiva Zootechnica, 2020, 23, 84-100.	0.3	2
1177	The Endocannabinoid System, Stress, and Mental Health. , 2021, , 57-88.		0
1178	First characterization of the gut microbiome associated with <i>Mytilus chilensis</i> collected at a mussel farm and from a natural environment in Chile. Aquaculture, 2022, 548, 737644.	1.7	10
1179	Gut microbiota dysbiosis and chronic kidney disease. Journal of Renal Nutrition and Metabolism, 2020, 6, 70.	0.1	1
1182	Progress of Intestinal Flora in the Treatment of Autoimmune Liver Disease. Traditional Chinese Medicine, 2020, 09, 348-353.	0.1	0
1183	Utilization of Faecal Microbiota in Humans and Animals. Journal of Agriculture & Life Science, 2020, 54, 1-18.	0.1	0
1186	Plasma extracellular vesicles in people living with HIV and type 2 diabetes are related to microbial translocation and cardiovascular risk. Scientific Reports, 2021, 11, 21936.	1.6	3
1187	Comparison of early-life jejunal microbiota diversity in two pig breeds. Czech Journal of Animal Science, 2021, 66, 459-469.	0.5	1
1188	Increasing incidence of inflammatory bowel disease in children and adolescents: significance of environmental factors. Clinical and Experimental Pediatrics, 2020, 63, 337-344.	0.9	16
1189	Immunomodulatory effects of probiotics. Meditsinskiy Sovet, 2020, , 135-144.	0.1	0
1190	Role of Probiotics in Rheumatoid Arthritis. , 2021, , 273-294.		0
1191	Obstructive sleep apnea and hypertension: the role of gut microbiome. Vnitřní Lekarství, 2020, 66, 415-419.	0.1	4
1192	Microbiota-Immune System Interactions in Human Neurological Disorders. CNS and Neurological Disorders - Drug Targets, 2020, 19, 509-526.	0.8	0

#	ARTICLE	IF	CITATIONS
1193	Intestinal microbiota and the efficacy of fecal microbiota transplantation in gastrointestinal disease. <i>Gastroenterology and Hepatology</i> , 2014, 10, 230-7.	0.2	20
1195	T cell activation in utero: self or non-self discrimination. <i>Annals of Translational Medicine</i> , 2015, 3, 65.	0.7	1
1196	The Role of Damage-Associated Molecular Patterns (DAMPs) in Human Diseases: Part II: DAMPs as diagnostics, prognostics and therapeutics in clinical medicine. <i>Sultan Qaboos University Medical Journal</i> , 2015, 15, e157-70.	0.3	97
1197	Comparative study of effect of and its extracellular vesicles on toll-like receptors and tight junction. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2019, 12, 163-168.	0.6	30
1198	The effect of saturated and unsaturated fatty acids on the production of outer membrane vesicles from and. <i>Gastroenterology and Hepatology From Bed To Bench</i> , 2019, 12, 155-162.	0.6	8
1199	Herbal Formula-3 ameliorates OVA-induced food allergy in mice may via modulating the gut microbiota. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 5812-5823.	0.0	4
1202	An Overview on Probiotics as an Alternative Strategy for Prevention and Treatment of Human Diseases. <i>Iranian Journal of Pharmaceutical Research</i> , 2019, 18, 31-50.	0.3	2
1204	The protective role of short-chain fatty acids acting as signal molecules in chemotherapy- or radiation-induced intestinal inflammation. <i>American Journal of Cancer Research</i> , 2020, 10, 3508-3531.	1.4	4
1205	Prenatal and neonatal probiotic intake in pediatric allergy. , 2022, , 147-159.		0
1206	Diet and microbiota-gut-brain axis in relation to tail biting in pigs: A review. <i>Applied Animal Behaviour Science</i> , 2022, 246, 105514.	0.8	13
1207	Ambient temperature structures the gut microbiota of zebrafish to impact the response to radioactive pollution. <i>Environmental Pollution</i> , 2022, 293, 118539.	3.7	7
1208	Fatty acids from natural resources in inflammatory gastrointestinal diseases with specific focus on inflammatory bowel disease. , 2022, , 121-135.		0
1209	Application of heat-killed probiotics in aquaculture. <i>Aquaculture</i> , 2022, 548, 737700.	1.7	20
1210	Xylan alleviates dietary fiber deprivation-induced dysbiosis by selectively promoting <i>Bifidobacterium pseudocatenulatum</i> in pigs. <i>Microbiome</i> , 2021, 9, 227.	4.9	28
1211	Research Progress on the Role of Inflammatory Mechanisms in the Development of Postoperative Cognitive Dysfunction. <i>BioMed Research International</i> , 2021, 2021, 1-12.	0.9	26
1212	The immunology of sepsis. <i>Immunity</i> , 2021, 54, 2450-2464.	6.6	263
1213	Probiotics in Intestinal Mucosal Healing: A New Therapy or an Old Friend?. <i>Pharmaceuticals</i> , 2021, 14, 1181.	1.7	9
1214	Gut-Bone Axis: A Non-Negligible Contributor to Periodontitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 752708.	1.8	19

#	ARTICLE	IF	CITATIONS
1215	High-Fat, Western-Style Diet, Systemic Inflammation, and Gut Microbiota: A Narrative Review. <i>Cells</i> , 2021, 10, 3164.	1.8	199
1216	Protective Effects of <i>Lactobacillus plantarum</i> Lac16 on <i>Clostridium perfringens</i> Infection-Associated Injury in IPEC-J2 Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12388.	1.8	6
1217	Gut microbiota and its influence on ovarian cancer carcinogenesis, anticancer therapy and surgical treatment: A literature review. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 168, 103542.	2.0	3
1218	Poultry gut health "microbiome functions, environmental impacts, microbiome engineering and advancements in characterization technologies. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 119.	2.1	35
1219	Gut microbiome profiling in nonalcoholic fatty liver disease and healthy individuals in Indonesian population. <i>Journal of Medical Sciences (Taiwan)</i> , 2022, 42, 166.	0.1	1
1220	The Gut Microbiota and Immunopathophysiology. , 2021, , .		0
1221	Dietary <i>Haematococcus pluvialis</i> promotes growth of red swamp crayfish <i>Procambarus clarkii</i> (Girard, 1852) via positive regulation of the gut microbial co-occurrence network. <i>Aquaculture</i> , 2022, 551, 737900.	1.7	12
1222	PET microplastics affect human gut microbiota communities during simulated gastrointestinal digestion, first evidence of plausible polymer biodegradation during human digestion. <i>Scientific Reports</i> , 2022, 12, 528.	1.6	77
1223	Re-aliment regains feed deprivation-induced microflora dysbiosis and immune stress in the gut of red swamp crayfish ( <i>Procambarus clarkii</i> ). <i>Aquaculture Reports</i> , 2022, 22, 100992.	0.7	4
1224	Deep nasal sinus cavity microbiota dysbiosis in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 111.	2.5	11
1225	Berberine and its derivatives represent as the promising therapeutic agents for inflammatory disorders. <i>Pharmacological Reports</i> , 2022, 74, 297-309.	1.5	12
1226	The Effect of <i>Flammulina velutipes</i> Polysaccharide on Immunization Analyzed by Intestinal Flora and Proteomics. <i>Frontiers in Nutrition</i> , 2022, 9, 841230.	1.6	24
1227	WORKbiota: A Systematic Review about the Effects of Occupational Exposure on Microbiota and Workers' Health. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1043.	1.2	5
1228	Trophic and symbiotic links between obligate-glacier water bears (Tardigrada) and cryoconite microorganisms. <i>PLoS ONE</i> , 2022, 17, e0262039.	1.1	17
1229	Opioids and Sepsis: Elucidating the Role of the Microbiome and microRNA-146. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1097.	1.8	6
1230	Can Nutrients and Dietary Supplements Potentially Improve Cognitive Performance Also in Esports?. <i>Healthcare (Switzerland)</i> , 2022, 10, 186.	1.0	17
1232	The influence of food processing methods on serum parameters, apparent total-tract macronutrient digestibility, fecal microbiota and SCFA content in adult beagles. <i>PLoS ONE</i> , 2022, 17, e0262284.	1.1	0
1233	<i>Saccharomyces boulardii</i> alleviates DSS-induced intestinal barrier dysfunction and inflammation in humanized mice. <i>Food and Function</i> , 2022, 13, 102-112.	2.1	20

#	ARTICLE	IF	CITATIONS
1234	The Association between Gut Microbiota and Osteoarthritis: Does the Disease Begin in the Gut?. International Journal of Molecular Sciences, 2022, 23, 1494.	1.8	16
1235	A randomised, double-blind, placebo-controlled trial of <i>Bifidobacterium bifidum</i> CCFM16 for manipulation of the gut microbiota and relief from chronic constipation. Food and Function, 2022, 13, 1628-1640.	2.1	21
1236	Effect of Coix Seed Extracts on Growth and Metabolism of <i>Limosilactobacillus reuteri</i> . Foods, 2022, 11, 187.	1.9	7
1237	The Periodontopathic Pathogen, <i>Porphyromonas gingivalis</i> , Involves a Gut Inflammatory Response and Exacerbates Inflammatory Bowel Disease. Pathogens, 2022, 11, 84.	1.2	9
1238	Host tp53 mutation induces gut dysbiosis eliciting inflammation through disturbed sialic acid metabolism. Microbiome, 2022, 10, 3.	4.9	9
1239	Glycan profiling of the gut microbiota by Glycan-seq. ISME Communications, 2022, 2, .	1.7	4
1240	The interaction of secreted phospholipase A2-IIA with the microbiota alters its lipidome and promotes inflammation. JCI Insight, 2022, 7, .	2.3	26
1241	CAR-T Regulatory (CAR-Treg) Cells: Engineering and Applications. Biomedicines, 2022, 10, 287.	1.4	27
1242	Immune-enhancing effects of postbiotic produced by <i>Bacillus velezensis</i> Kh2-2 isolated from Korea Foods. Food Research International, 2022, 152, 110911.	2.9	16
1243	Physiopathologie des maladies inflammatoires chroniques de l'intestin (MICI). HEGEL - HÉpato-GastroEntérologie Libérale, 2016, N° 2, 119-129.	0.0	0
1244	The bacterial microbiota regulates normal hematopoiesis via metabolite-induced type 1 interferon signaling. Blood Advances, 2022, 6, 1754-1765.	2.5	14
1245	Probiotics in the Intensive Care Unit. Antibiotics, 2022, 11, 217.	1.5	5
1246	COVID-19 and gut dysbiosis, understanding the role of probiotic supplements in reversing gut dysbiosis and immunity. Nutrition Clinique Et Metabolisme, 2022, 36, 153-161.	0.2	3
1247	Association of Yogurt and Dietary Supplements Containing Probiotic Consumption With All-Cause and Cause-Specific Mortality in US Adults: A Population-Based Cohort Study. Frontiers in Nutrition, 2022, 9, 803076.	1.6	6
1248	Gut Microbiota and Their Metabolites in Stroke: A Double-Edged Sword. Stroke, 2022, 53, 1788-1801.	1.0	62
1249	Alcohol-Associated Tissue Injury: Current Views on Pathophysiological Mechanisms. Annual Review of Physiology, 2022, 84, 87-112.	5.6	23
1250	Epithelial Gasdermin D shapes the host-microbial interface by driving mucus layer formation. Science Immunology, 2022, 7, eabk2092.	5.6	48
1251	A mini-review of advances in intestinal flora and necrotizing enterocolitis. Letters in Applied Microbiology, 2022, 75, 2-9.	1.0	4



#	ARTICLE	IF	CITATIONS
1252	Protein O-mannosylation across kingdoms and related diseases: From glycobiology to glycopathology. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112685.	2.5	4
1254	Exposure to combustion derived particulate matter exacerbates influenza infection in neonatal mice by inhibiting IL22 production. <i>Particle and Fibre Toxicology</i> , 2021, 18, 43.	2.8	8
1255	Gut microbiota-driven brain A $\beta$ amyloidosis in mice requires microglia. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	44
1257	Dietary Quercetin Supplementation Attenuates Diarrhea and Intestinal Damage by Regulating Gut Microbiota in Weanling Piglets. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-19.	1.9	38
1258	The Gut Microbiome. , 2022, , .		0
1260	Environmentally Relevant Microplastic Concentrations Have Little Effect on the Growth and Intestinal Health of the Sea Cucumber <i>Apostichopus Japonicus</i> . <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1261	In Silico Study Approach on a Series of 50 Polyphenolic Compounds in Plants; A Comparison on the Bioavailability and Bioactivity Data. <i>Molecules</i> , 2022, 27, 1413.	1.7	4
1262	Altered gut microbiota composition with antibiotic treatment impairs functional recovery after traumatic peripheral nerve crush injury in mice: effects of probiotics with butyrate producing bacteria. <i>BMC Research Notes</i> , 2022, 15, 80.	0.6	8
1263	Bacterial and Viral Co-Infection in the Intestine: Competition Scenario and Their Effect on Host Immunity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2311.	1.8	8
1264	The Intestinal Barrier Dysfunction as Driving Factor of Inflammaging. <i>Nutrients</i> , 2022, 14, 949.	1.7	29
1265	Identification and validation a costimulatory molecule gene signature to predict the prognosis and immunotherapy response for hepatocellular carcinoma. <i>Cancer Cell International</i> , 2022, 22, 97.	1.8	7
1266	The Toxic Effects of Endocrine Disrupting Chemicals (EDCs) on Gut Microbiota: Bisphenol A (BPA) A Review. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2022, 22, 716-727.	0.6	19
1267	Periodontal connection with intestinal inflammation: Microbiological and immunological mechanisms. <i>Periodontology 2000</i> , 2022, 89, 142-153.	6.3	19
1268	Enterotoxigenic <i>Escherichia coli</i> : intestinal pathogenesis mechanisms and colonization resistance by gut microbiota. <i>Gut Microbes</i> , 2022, 14, 2055943.	4.3	39
1269	Roles of Microbiota in Cancer: From Tumor Development to Treatment. <i>Journal of Oncology</i> , 2022, 2022, 1-15.	0.6	8
1270	Intestinal Mucosal Immunity-Mediated Modulation of the Gut Microbiome by Oral Delivery of <i>Enterococcus faecium</i> Against <i>Salmonella</i> Enteritidis Pathogenesis in a Laying Hen Model. <i>Frontiers in Immunology</i> , 2022, 13, 853954.	2.2	10
1271	Association Between Gut Microbiota and Osteoarthritis: A Review of Evidence for Potential Mechanisms and Therapeutics. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 812596.	1.8	16
1273	Systems Biology of Gut Microbiota-Human Receptor Interactions: Toward Anti-inflammatory Probiotics. <i>Frontiers in Microbiology</i> , 2022, 13, 846555.	1.5	3

#	ARTICLE	IF	CITATIONS
1274	Postbiotics Enhance NK Cell Activation in Stress-Induced Mice through Gut Microbiome Regulation. <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 612-620.	0.9	3
1275	Gut Microbiota â€œ A Potential Contributor in the Pathogenesis of Bipolar Disorder. <i>Frontiers in Neuroscience</i> , 2022, 16, 830748.	1.4	5
1276	Nutraceuticals in the Modulation of the Intestinal Microbiota: Current Status and Future Directions. <i>Frontiers in Pharmacology</i> , 2022, 13, 841782.	1.6	1
1277	The pathogens of secondary infection in septic patients share a similar genotype to those that predominate in the gut. <i>Critical Care</i> , 2022, 26, 68.	2.5	12
1278	Changes to gut amino acid transporters and microbiome associated with increased E/I ratio in Chd8+/ <i>â</i> mouse model of ASD-like behavior. <i>Nature Communications</i> , 2022, 13, 1151.	5.8	35
1279	Long-Term <i>In Vitro</i> Culture Systems to Study Human Microbiome. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 4613-4617.	2.6	4
1280	Gut commensal <i>Limosilactobacillus reuteri</i> induces atypical memory-like phenotype in human dendritic cells in vitro. <i>Gut Microbes</i> , 2022, 14, 2045046.	4.3	6
1282	Gut microbiota in gastrointestinal diseases during pregnancy. <i>World Journal of Clinical Cases</i> , 2022, 10, 2976-2989.	0.3	10
1283	Effects of Adjuvant Chemotherapy on Insulin Resistance in Patients with Early Breast Cancer. , 2022, 2, 8-13.		0
1284	Light-Sensitive <i>Lactococcus lactis</i> for Microbeâ€œGutâ€œBrain Axis Regulating via Upconversion Optogenetic Micro-Nano System. <i>ACS Nano</i> , 2022, 16, 6049-6063.	7.3	28
1285	Probiotic Formulations: A Patent Landscaping Using the Text Mining Approach. <i>Current Microbiology</i> , 2022, 79, 152.	1.0	3
1286	Alterations of the gut microbiota and metabolomics in children with e-waste lead exposure. <i>Journal of Hazardous Materials</i> , 2022, 434, 128842.	6.5	19
1287	Linking circadian rhythms to microbiome-gut-brain axis in aging-associated neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2022, 78, 101620.	5.0	23
1288	The Interaction among Microbiota, Epigenetic Regulation, and Air Pollutants in Disease Prevention. <i>Journal of Personalized Medicine</i> , 2022, 12, 14.	1.1	10
1289	Imbalance of the Gut Microbiota May Be Associated with Missed Abortions: A Perspective Study from a General Hospital of Hunan Province. <i>Journal of Immunology Research</i> , 2021, 2021, 1-13.	0.9	3
1290	Dietary Supplementation with Vitamin D, Fish Oil or Resveratrol Modulates the Gut Microbiome in Inflammatory Bowel Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 206.	1.8	16
1291	atherosclerosis and cardiovascular risk in patients with inflammatory bowel disease. <i>Terapevticheskii Arkhiv</i> , 2021, 93, 1533-1538.	0.2	4
1292	Pharmacomicrobiology of Methotrexate in Rheumatoid Arthritis: Gut Microbiome as Predictor of Therapeutic Response. <i>Frontiers in Immunology</i> , 2021, 12, 789334.	2.2	23

#	ARTICLE	IF	CITATIONS
1293	New Metabolic, Digestive, and Oxidative Stress-Related Manifestations Associated with Posttraumatic Stress Disorder. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	1.9	13
1294	Impairment of Intestinal Barrier Function Induced by Early Weaning via Autophagy and Apoptosis Associated With Gut Microbiome and Metabolites. <i>Frontiers in Immunology</i> , 2021, 12, 804870.	2.2	11
1295	Divergence together with microbes: A comparative study of the associated microbiomes in the closely related <i>Littorina</i> species. <i>PLoS ONE</i> , 2021, 16, e0260792.	1.1	7
1296	Pharmacological Applications and Action Mechanisms of Phytochemicals as Alternatives to Antibiotics in Pig Production. <i>Frontiers in Immunology</i> , 2021, 12, 798553.	2.2	19
1297	Understanding host-microbiota interactions in the commercial piglet around weaning. <i>Scientific Reports</i> , 2021, 11, 23488.	1.6	17
1298	Modulation of intestinal morphology and microbiota by dietary <i>Macleaya cordata</i> extract supplementation in Xuefeng Black-boned Chicken. <i>Animal</i> , 2021, 15, 100399.	1.3	16
1299	Enteric Nervous System: The Bridge Between the Gut Microbiota and Neurological Disorders. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 810483.	1.7	33
1300	Maternal obesity during pregnancy leads to derangements in one-carbon metabolism and the gut microbiota: implications for fetal development and offspring wellbeing. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 392-400.	0.7	17
1301	Disharmony in Gut Microbiota – Should This Be a Priority for Public Health Nutrition?. <i>Kompass Nutrition &amp; Dietetics</i> , 0, , 1-3.	1.0	0
1302	Nutraceutical Potential of Bioactive Compounds of <i>Eugenia dysenterica</i> DC in Metabolic Alterations. <i>Molecules</i> , 2022, 27, 2477.	1.7	0
1303	Mechanisms of Action of Ozone Therapy in Emerging Viral Diseases: Immunomodulatory Effects and Therapeutic Advantages With Reference to SARS-CoV-2. <i>Frontiers in Microbiology</i> , 2022, 13, 871645.	1.5	13
1304	Targeting the gut and tumor microbiota in cancer. <i>Nature Medicine</i> , 2022, 28, 690-703.	15.2	159
1305	Inflammatory bowel disease and carcinogenesis. <i>Cancer and Metastasis Reviews</i> , 2022, 41, 301-316.	2.7	24
1306	Association between gut microbiome and metabolome in mice suffering from acute carbapenem-resistant <i>Escherichia coli</i> infection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 215, 114770.	1.4	2
1391	TCDD exposure alters fecal IgA concentrations in male and female mice. <i>BMC Pharmacology &amp; Toxicology</i> , 2022, 23, 25.	1.0	3
1397	Role of Gut Microbiome and Enteric Bacteria in Gallbladder Cancer. , 0, , .		2
1398	Effect of Probiotic Supplements on Oxidative Stress Biomarkers in First-Episode Bipolar Disorder Patients: A Randomized, Placebo-Controlled Trial. <i>Frontiers in Pharmacology</i> , 2022, 13, 829815.	1.6	4
1399	Strategy for Local Plant-Based Material Valorisation to Higher-Value Feed Stock for Piglets. <i>Animals</i> , 2022, 12, 1092.	1.0	0

#	ARTICLE	IF	CITATIONS
1400	Developmental Profiling of Dietary Carbohydrate Digestion in Piglets. <i>Frontiers in Microbiology</i> , 2022, 13, 896660.	1.5	5
1401	Comparative Study on Jejunal Immunity and Microbial Composition of Growing-Period Tibetan Pigs and Duroc $\times$ (Landrace $\times$ Yorkshire) Pigs. <i>Frontiers in Veterinary Science</i> , 2022, 9, 890585.	0.9	4
1402	Gastrointestinal Microbiota of Spiny Lobster: A Review. <i>Fishes</i> , 2022, 7, 108.	0.7	1
1403	Gut microbiome and necrotizing enterocolitis: Understanding the connection to find a cure. <i>Cell Host and Microbe</i> , 2022, 30, 612-616.	5.1	15
1404	Caspase-8 in endothelial cells maintains gut homeostasis and prevents small bowel inflammation in mice. <i>EMBO Molecular Medicine</i> , 2022, , e14121.	3.3	9
1405	Aryl hydrocarbon receptor signals in epithelial cells govern the recruitment and location of Helios+ Tregs in the gut. <i>Cell Reports</i> , 2022, 39, 110773.	2.9	20
1407	Tiliae flos metabolites and their beneficial influence on human gut microbiota biodiversity ex vivo. <i>Journal of Ethnopharmacology</i> , 2022, 294, 115355.	2.0	6
1408	Development of probiotics beverage using cereal enzymatic hydrolysate fermented with <i>Limosilactobacillus reuteri</i> . <i>Food Science and Nutrition</i> , 2022, 10, 3143-3153.	1.5	10
1409	Oral administration of <i>Faecalibacterium prausnitzii</i> and <i>Akkermansia muciniphila</i> strains from humans improves atopic dermatitis symptoms in DNCB induced NC/Nga mice. <i>Scientific Reports</i> , 2022, 12, 7324.	1.6	10
1410	Modulating effects of a functional food containing <i>Dendrobium officinale</i> on immune response and gut microbiota in mice treated with cyclophosphamide. <i>Journal of Functional Foods</i> , 2022, 94, 105102.	1.6	16
1411	Prospects on Repurposing a Live Attenuated Vaccine for the Control of Unrelated Infections. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	9
1412	Gut dysbiosis in rheumatic diseases: A systematic review and meta-analysis of 92 observational studies. <i>EBioMedicine</i> , 2022, 80, 104055.	2.7	40
1413	Changes in the Profile of Fecal Microbiota and Metabolites as Well as Serum Metabolites and Proteome After Dietary Inulin Supplementation in Dairy Cows With Subclinical Mastitis. <i>Frontiers in Microbiology</i> , 2022, 13, 809139.	1.5	7
1414	Miya Improves Osteoarthritis Characteristics via the Gut-Muscle-Joint Axis According to Multi-Omics Analyses. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	2
1415	Do Oral Pathogens Inhabit the Eye and Play a Role in Ocular Diseases?. <i>Journal of Clinical Medicine</i> , 2022, 11, 2938.	1.0	5
1416	Gallbladder microbiota composition is associated with pancreaticobiliary and gallbladder cancer prognosis. <i>BMC Microbiology</i> , 2022, 22, .	1.3	6
1417	Gut Microbiome: A Brief Review on Its Role in Schizophrenia and First Episode of Psychosis. <i>Microorganisms</i> , 2022, 10, 1121.	1.6	10
1418	Crosstalk between Body Microbiota and the Regulation of Immunity. <i>Journal of Immunology Research</i> , 2022, 2022, 1-13.	0.9	3

#	ARTICLE	IF	CITATIONS
1419	Malaria-Transmitting Vectors Microbiota: Overview and Interactions With Anopheles Mosquito Biology. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	4
1420	The Role of Microbiome in Brain Development and Neurodegenerative Diseases. <i>Molecules</i> , 2022, 27, 3402.	1.7	34
1421	The Role of Probiotics in Alleviating Postweaning Diarrhea in Piglets From the Perspective of Intestinal Barriers. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	1.8	23
1422	Low Protein Diets Supplemented With Alpha-Ketoglutarate Enhance the Growth Performance, Immune Response, and Intestinal Health in Common Carp ( <i>Cyprinus carpio</i> ). <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	5
1423	Analysis of interactions of immune checkpoint inhibitors with antibiotics in cancer therapy. <i>Frontiers of Medicine</i> , 2022, 16, 307-321.	1.5	6
1424	Evolution of pesticide tolerance and associated changes in the microbiome in the water flea <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2022, 240, 113697.	2.9	6
1425	Probiotics: Promising Opportunity for Future Functional Foods. , 2022, , 75-96.		1
1426	Alterations of the Gut Microbiome in Chinese Zhuang Ethnic Patients with Sepsis. <i>Mediators of Inflammation</i> , 2022, 2022, 1-9.	1.4	4
1427	Microbiome Changes in Connective Tissue Diseases and Vasculitis: Focus on Metabolism and Inflammation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6532.	1.8	6
1428	Understanding the development and function of the gut microbiota in health and inflammation. <i>Frontline Gastroenterology</i> , 2022, 13, e13-e21.	0.9	6
1429	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. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	4
1430	The Gut Microbiome of 54 Mammalian Species. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	11
1431	Untangling the oral“gut axis in the pathogenesis of intestinal inflammation. <i>International Immunology</i> , 2022, 34, 485-490.	1.8	11
1432	pH sensing controls tissue inflammation by modulating cellular metabolism and endo-lysosomal function of immune cells. <i>Nature Immunology</i> , 2022, 23, 1063-1075.	7.0	30
1433	Current State and Challenges of the Global Outcomes of Dental Caries Research in the Meta-Omics Era. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	20
1434	Saireito, a Japanese herbal medicine, alleviates leaky gut associated with antibiotic-induced dysbiosis in mice. <i>PLoS ONE</i> , 2022, 17, e0269698.	1.1	2
1435	Gut Microbiota Potential in Type 2 Diabetes. , 0, , .		0
1436	Divergent gut microbiota in two closely related house mouse subspecies under common garden conditions. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	1.3	5

#	ARTICLE	IF	CITATIONS
1437	Recent Discoveries on Marine Organism Immunomodulatory Activities. <i>Marine Drugs</i> , 2022, 20, 422.	2.2	14
1438	TLR4 regulates ROR $\gamma^3$ t+ regulatory T-cell responses and susceptibility to colon inflammation through interaction with <i>Akkermansia muciniphila</i> . <i>Microbiome</i> , 2022, 10, .	4.9	94
1439	Terbinafine prevents colorectal cancer growth by inducing dNTP starvation and reducing immune suppression. <i>Molecular Therapy</i> , 2022, 30, 3284-3299.	3.7	12
1440	The gut–liver axis in sepsis: interaction mechanisms and therapeutic potential. <i>Critical Care</i> , 2022, 26, .	2.5	29
1442	Impact of Oral Probiotics in Amelioration of Immunological and Inflammatory Responses on Experimentally Induced Acute Diverticulitis. <i>Probiotics and Antimicrobial Proteins</i> , 0, , .	1.9	1
1443	First insights into the gut microbiomes and the diet of the <i>Littorina</i> snail ecotypes, a recently emerged marine evolutionary model. <i>Evolutionary Applications</i> , 2023, 16, 365-378.	1.5	4
1444	Induction of mastitis by cow-to-mouse fecal and milk microbiota transplantation causes microbiome dysbiosis and genomic functional perturbation in mice. <i>Animal Microbiome</i> , 2022, 4, .	1.5	18
1445	Gut Microbiota and Immunotherapy. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	8
1446	Interactions between polysaccharides and gut microbiota: A metabolomic and microbial review. <i>Food Research International</i> , 2022, 160, 111653.	2.9	31
1447	PD-1 signaling facilitates activation of lymphoid tissue inducer cells by restraining fatty acid oxidation. <i>Nature Metabolism</i> , 2022, 4, 867-882.	5.1	17
1448	Ginseng polysaccharides: Potential antitumor agents. <i>Journal of Ginseng Research</i> , 2023, 47, 9-22.	3.0	9
1449	Dysbiosis of Gut Microbiota and Lipidomics of Content Induced by Dietary Methionine Restriction in Rice Field Eel ( <i>Monopterus albus</i> ). <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2
1450	Use of multiple endpoints to assess the impact of captivity on gut flora diversity in Long Island Sound <i>Fundulus heteroclitus</i> . <i>Environmental Biology of Fishes</i> , 2022, 105, 867-883.	0.4	3
1451	Dietary supplementation with calcium propionate could beneficially alter rectal microbial composition of early lactation dairy cows. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	1
1452	Host-microbiota interaction-mediated resistance to inflammatory bowel disease in pigs. <i>Microbiome</i> , 2022, 10, .	4.9	41
1453	<i>Lactobacillus</i> spp. act in synergy to attenuate splenomegaly and lymphadenopathy in lupus-prone MRL/lpr mice. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
1454	Multi-Omics Analysis Reveals the Protection of Gasdermin D in Concanavalin A-Induced Autoimmune Hepatitis. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	3
1455	Dietary selenium sources alleviate immune challenge induced by <i>Salmonella</i> Enteritidis potentially through improving the host immune response and gut microbiota in laying hens. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	5

#	ARTICLE	IF	CITATIONS
1456	The Role of the Human Gut Microbiome in Inflammatory Bowel Disease and Radiation Enteropathy. <i>Microorganisms</i> , 2022, 10, 1613.	1.6	3
1457	Therapeutic Potential of Human Microbiome-Based Short-Chain Fatty Acids and Bile Acids in Liver Disease. <i>Livers</i> , 2022, 2, 139-145.	0.8	6
1458	The central and biodynamic role of gut microbiota in critically ill patients. <i>Critical Care</i> , 2022, 26, .	2.5	29
1459	Regulation Mechanisms of Virulence Genes in Enterohemorrhagic <i>Escherichia coli</i> . <i>Foodborne Pathogens and Disease</i> , 2022, 19, 598-612.	0.8	7
1460	Gut Microbiota Modulation as a Novel Therapeutic Strategy in Cardiometabolic Diseases. <i>Foods</i> , 2022, 11, 2575.	1.9	14
1462	Prebiotics and Probiotics: Effects on Dyslipidemia and NAFLD/NASH and the Associated Mechanisms of Action. <i>Current Pharmaceutical Biotechnology</i> , 2023, 24, 633-646.	0.9	1
1463	A Combination of Baicalin and Berberine Hydrochloride Ameliorates Dextran Sulfate Sodium-Induced Colitis by Modulating Colon Gut Microbiota. <i>Journal of Medicinal Food</i> , 2022, 25, 853-862.	0.8	3
1464	Enterotoxigenic <i>Escherichia coli</i> infection of weaned pigs: Intestinal challenges and nutritional intervention to enhance disease resistance. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	30
1465	Discrepancies among healthy, subclinical mastitic, and clinical mastitic cows in fecal microbiome and metabolome and serum metabolome. <i>Journal of Dairy Science</i> , 2022, 105, 7668-7688.	1.4	8
1466	New cannabidiol (CBD) derivatives: Synthesis, anti-inflammatory activity, and molecular docking. <i>Phytochemistry Letters</i> , 2022, 51, 97-103.	0.6	3
1467	Integrated network pharmacology and intestinal flora analysis to determine the protective effect of Xuanbaiâ€“Chengqi decoction on lung and gut injuries in influenza virus-infected mice. <i>Journal of Ethnopharmacology</i> , 2022, 298, 115649.	2.0	14
1468	<i>Paeonia lactiflora</i> Pallas extract alleviates antibiotics and DNCB-induced atopic dermatitis symptoms by suppressing inflammation and changing the gut microbiota composition in mice. <i>Biomedicine and Pharmacotherapy</i> , 2022, 154, 113574.	2.5	6
1469	Gut microbiome-derived metabolites in host health and diseases. , 2022, , 81-91.		0
1470	The Factors Influencing Gut Microbiota in Autoimmune Diseases. , 2022, , 69-90.		0
1471	Colon Targeted Delivery of Mesalamine and Bifidobacterium Bifidum Loaded Hydrogel Beads for the Management of Ulcerative Colitis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1472	Environmental microplastics exposure decreases antioxidant ability, perturbs gut microbial homeostasis and metabolism in chicken. <i>Science of the Total Environment</i> , 2023, 856, 159089.	3.9	22
1473	The potential role of ischaemiaâ€“reperfusion injury in chronic, relapsing diseases such as rheumatoid arthritis, Long COVID, and ME/CFS: evidence, mechanisms, and therapeutic implications. <i>Biochemical Journal</i> , 2022, 479, 1653-1708.	1.7	27
1474	Polyphenolsâ€“Gutâ€“Heart: An Impactful Relationship to Improve Cardiovascular Diseases. <i>Antioxidants</i> , 2022, 11, 1700.	2.2	6



#	ARTICLE	IF	CITATIONS
1475	Relation of gut microbiota and postoperative gastrointestinal dysfunction in older patients with colon cancer undergoing elective colon resection: a protocol for a prospective, observational cohort study. <i>BMJ Open</i> , 2022, 12, e057391.	0.8	0
1476	Safety and efficacy of probiotic supplementation in 8 types of inflammatory arthritis: A systematic review and meta-analysis of 34 randomized controlled trials. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	11
1478	The effect of <i>Escherichia coli</i> Δ1/2P strain with a conjugation-based colicin E7 delivery on growth performance, hematological, biochemical, and histological parameters, gut microbiota, and nonspecific immunity of broilers. <i>Canadian Journal of Microbiology</i> , 0, , .	0.8	1
1479	Microbiota manipulation to increase macrophage IL-10 improves colitis and limits colitis-associated colorectal cancer. <i>Gut Microbes</i> , 2022, 14, .	4.3	14
1480	Stochastic variation in gut bacterial community affects reproductive rates in the water flea <i>Daphnia magna</i> . <i>FEMS Microbiology Ecology</i> , 2022, 98, .	1.3	3
1481	Traditional Chinese Medicine: A promising strategy to regulate inflammation, intestinal disorders and impaired immune function due to sepsis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
1482	Gut Microbiota and Inflammatory Bowel Disease. , 0, , .		0
1483	Anti-cancer activity of human gastrointestinal bacteria. , 2022, 39, .		2
1484	Functional Plasmon-Activated Water Increases <i>Akkermansia muciniphila</i> Abundance in Gut Microbiota to Ameliorate Inflammatory Bowel Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11422.	1.8	3
1485	Insight into the Relationship between Oral Microbiota and the Inflammatory Bowel Disease. <i>Microorganisms</i> , 2022, 10, 1868.	1.6	9
1486	A Review of Oxylipins in Alzheimer's Disease and Related Dementias (ADRD): Potential Therapeutic Targets for the Modulation of Vascular Tone and Inflammation. <i>Metabolites</i> , 2022, 12, 826.	1.3	7
1487	Selective serotonin reuptake inhibitors and inflammatory bowel disease; Beneficial or malpractice. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	8
1488	Colicins of <i>Escherichia coli</i> Lead to Resistance against the Diarrhea-Causing Pathogen Enterotoxigenic <i>E. coli</i> in Pigs. <i>Microbiology Spectrum</i> , 0, , .	1.2	3
1489	Long-term chemically protected sodium butyrate supplementation in broilers as an antibiotic alternative to dynamically modulate gut microbiota. <i>Poultry Science</i> , 2022, 101, 102221.	1.5	5
1490	Pharmacological inhibition of toll-like receptor 4 with TLR4-IN-C34 modulates the intestinal flora homeostasis and the MyD88/NF- $\kappa$ B axis in ulcerative colitis. <i>European Journal of Pharmacology</i> , 2022, 934, 175294.	1.7	1
1492	<i>Immunologie</i> . , 2022, , 1179-1222.		0
1493	Quorum sensing mediates gut bacterial communication and host-microbiota interaction. <i>Critical Reviews in Food Science and Nutrition</i> , 0, , 1-13.	5.4	1
1494	Identification of oncogenic signatures in the inflammatory colon of C57BL/6 mice fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2023, 111, 109188.	1.9	1

#	ARTICLE	IF	CITATIONS
1495	The Role and Mechanism of Gut Microbiota in Pulmonary Arterial Hypertension. <i>Nutrients</i> , 2022, 14, 4278.	1.7	8
1496	The role of the gut microbiota in health and cardiovascular diseases. <i>Molecular Biomedicine</i> , 2022, 3, .	1.7	22
1497	COVID-19 and Gut Injury. <i>Nutrients</i> , 2022, 14, 4409.	1.7	8
1498	Potential Probiotics Role in Excluding Antibiotic Resistance. <i>Journal of Food Quality</i> , 2022, 2022, 1-20.	1.4	0
1499	Characterization of the mucosal microbiota in patients with nodular lymphoid hyperplasia with concurrent irritable bowel syndrome compared to healthy controls. <i>Molecular Biology Reports</i> , 2023, 50, 145-155.	1.0	2
1500	A metagenome-wide association study of the gut microbiota in recurrent aphthous ulcer and regulation by thalidomide. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	0
1501	GLP-1 and GLP-2 Orchestrate Intestine Integrity, Gut Microbiota, and Immune System Crosstalk. <i>Microorganisms</i> , 2022, 10, 2061.	1.6	14
1502	Gut-innervating nociceptors regulate the intestinal microbiota to promote tissue protection. <i>Cell</i> , 2022, 185, 4170-4189.e20.	13.5	42
1503	Diagnostic and Molecular Portraits of Microbiome and Metabolomics of Short-Chain Fatty Acids and Bile acids in Liver Disease. <i>Process Biochemistry</i> , 2022, , .	1.8	2
1504	Ischemic Stroke Impacts the Gut Microbiome, Ileal Epithelial and Immune Homeostasis. <i>IScience</i> , 2022, 25, 105437.	1.9	6
1505	Innate and Peripheral Immune Alterations after Traumatic Brain Injury Are Regulated in a Gut Microbiota-Dependent Manner in Mice. <i>Journal of Neurotrauma</i> , 2023, 40, 772-787.	1.7	6
1506	Impairments of intestinal arginine and NO metabolisms trigger aging-associated intestinal barrier dysfunction and 'inflammaging'. <i>Redox Biology</i> , 2022, 58, 102528.	3.9	8
1507	Gut microbiota dysbiosis as an inflammaging condition that regulates obesity-related retinopathy and nephropathy. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
1508	"King of the forage" Alfalfa supplementation improves growth, reproductive performance, health condition and meat quality of pigs. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	5
1509	Intrauterine growth retardation affects liver bile acid metabolism in growing pigs: effects associated with the changes of colonic bile acid derivatives. <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, .	2.1	3
1510	Fecal microbiota transplantation improves intestinal inflammation in mice with ulcerative colitis by modulating intestinal flora composition and down-regulating NF- $\kappa$ B signaling pathway. <i>Microbial Pathogenesis</i> , 2022, 173, 105803.	1.3	4
1511	Iron in infectious diseases friend or foe?: The role of gut microbiota. <i>Journal of Trace Elements in Medicine and Biology</i> , 2023, 75, 127093.	1.5	2
1512	Role of mitochondrial outer membrane permeabilization during bacterial infection. <i>International Review of Cell and Molecular Biology</i> , 2023, , 83-127.	1.6	3



#	ARTICLE	IF	CITATIONS
1532	The Role of Gut Dysbiosis in the Pathophysiology of Neuropsychiatric Disorders. <i>Cells</i> , 2023, 12, 54.	1.8	25
1534	Fecal microbiota transplantation treatment of autoimmune-mediated type 1 diabetes: A systematic review. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	7
1535	Dietary supplementation of <i>Bacillus subtilis</i> or antibiotics modified intestinal microbiome of weaned pigs under enterotoxigenic <i>Escherichia coli</i> infection. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
1536	Epilepsy and Gut Microbiota. , 2023, , 1-13.		0
1537	Oral microbiota and liver diseases. <i>Clinical Nutrition ESPEN</i> , 2023, 54, 68-72.	0.5	2
1538	Organoids/organs-on-a-chip: new frontiers of intestinal pathophysiological models. <i>Lab on A Chip</i> , 2023, 23, 1192-1212.	3.1	9
1539	Î <sup>2</sup> -glucan protects against necrotizing enterocolitis in mice by inhibiting intestinal inflammation, improving the gut barrier, and modulating gut microbiota. <i>Journal of Translational Medicine</i> , 2023, 21, .	1.8	5
1540	Immunological consequences of microbiome-based therapeutics. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
1541	Traditional Chinese medicine improves myasthenia gravis by regulating the symbiotic homeostasis of the intestinal microbiota and host. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2
1542	Effect of Echinacea on gut microbiota of immunosuppressed ducks. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
1543	Activated regulatory T-cells promote duodenal bacterial translocation into necrotic areas in severe acute pancreatitis. <i>Gut</i> , 2023, 72, 1355-1369.	6.1	15
1544	Advances in Lactobacillus Restoration for Î <sup>2</sup> -Lactam Antibiotic-Induced Dysbiosis: A System Review in Intestinal Microbiota and Immune Homeostasis. <i>Microorganisms</i> , 2023, 11, 179.	1.6	4
1545	The Local Activation of Toll-like Receptor 7 (TLR7) Modulates Colonic Epithelial Barrier Function in Rats. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1254.	1.8	2
1546	Competitive ability of <i>Escherichia coli</i> strains in the intestinal microbiota of patients with Crohn's disease and healthy volunteers: physiological, biochemical and genetic characteristics. <i>Zhurnal Mikrobiologii Epidemiologii I Immunobiologii</i> , 2023, 99, 669-681.	0.3	1
1547	The effect of probiotics on immune responses and their therapeutic application: A new treatment option for multiple sclerosis. <i>Biomedicine and Pharmacotherapy</i> , 2023, 159, 114195.	2.5	7
1548	Increased abundances of potential pathogenic bacteria and expressions of inflammatory cytokines in the intestine of oyster <i>Crassostrea gigas</i> after high temperature stress. <i>Developmental and Comparative Immunology</i> , 2023, 141, 104630.	1.0	3
1549	Gut check: assessing the role of the gut microbiota in the adverse cardiovascular effects of obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2023, 61, 2201974.	3.1	0
1550	Microbiota Effect on Trimethylamine N-Oxide Production: From Cancer to Fitnessâ€”A Practical Preventing Recommendation and Therapies. <i>Nutrients</i> , 2023, 15, 563.	1.7	5

#	ARTICLE	IF	CITATIONS
1551	Fecal transplant. , 2023, , 391-398.		0
1552	Gut-joint axis: Gut dysbiosis can contribute to the onset of rheumatoid arthritis via multiple pathways. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 13, .	1.8	13
1553	Microbiotaâ€™Gutâ€™Brain Axis: Pathophysiological Mechanism in Neuropsychiatric Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2023, , 17-37.	0.8	2
1554	The microbiomeâ€™gutâ€™brain axis in epilepsy: pharmacotherapeutic target from bench evidence for potential bedside applications. <i>European Journal of Neurology</i> , 2023, 30, 3557-3567.	1.7	6
1555	The protective effect of 999 XiaoErGanMao granules on the lungs and intestines of influenza A virus-infected mice. <i>Pharmaceutical Biology</i> , 2023, 61, 630-638.	1.3	1
1556	Adaptive changes of swimming crab ( <i>Portunus trituberculatus</i> ) associated bacteria helping host against dibutyl phthalate toxification. <i>Environmental Pollution</i> , 2023, 324, 121328.	3.7	3
1557	The detrimental effects of micro-and nano-plastics on digestive system: An overview of oxidative stress-related adverse outcome pathway. <i>Science of the Total Environment</i> , 2023, 878, 163144.	3.9	10
1558	Metformin alleviates liver fibrosis in mice by enriching <i>Lactobacillus</i> sp. MF-1 in the gut microbiota. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2023, 1869, 166664.	1.8	2
1559	Role of microbiota short-chain fatty acids in the pathogenesis of autoimmune diseases. <i>Biomedicine and Pharmacotherapy</i> , 2023, 162, 114620.	2.5	7
1560	Decoding the bidirectional relationship between gut microbiota and COVID-19. <i>Heliyon</i> , 2023, 9, e13801.	1.4	3
1562	Microbial Modulation in Inflammatory Bowel Diseases. <i>Immune Network</i> , 2022, 22, .	1.6	1
1563	CAR-T Cell Therapy and the Gut Microbiota. <i>Cancers</i> , 2023, 15, 794.	1.7	5
1564	Is there a role for microbiome-based approach in common variable immunodeficiency?. <i>Clinical and Experimental Medicine</i> , 2023, 23, 1981-1998.	1.9	2
1565	Extracellular Vesicles of Probiotics: Shedding Light on the Biological Activity and Future Applications. <i>Pharmaceutics</i> , 2023, 15, 522.	2.0	7
1566	<i>Cirsium japonicum</i> var. <i>maackii</i> fermented with <i>Pediococcus pentosaceus</i> induces immunostimulatory activity in RAW 264.7 cells, splenocytes and CTX-immunosuppressed mice. <i>Journal of Functional Foods</i> , 2023, 102, 105449.	1.6	1
1567	Safety and Tolerability of SER-109 as an Investigational Microbiome Therapeutic in Adults With Recurrent <i>Clostridioides difficile</i> Infection. <i>JAMA Network Open</i> , 2023, 6, e2255758.	2.8	21
1568	Application of CARâ€™ cell technology in autoimmune diseases and human immunodeficiency virus infection treatment. <i>Journal of Gene Medicine</i> , 2023, 25, .	1.4	4
1569	Gut microbiota in pregnancy, please donâ€™t change me now. <i>Immunity</i> , 2023, 56, 232-234.	6.6	0

#	ARTICLE	IF	CITATIONS
1570	Epilepsy and Gut Microbiota. , 2023, , 1-12.		0
1571	Interleukin-35 -producing B cells rescues inflammatory bowel disease in a mouse model via STAT3 phosphorylation and intestinal microbiota modification. Cell Death Discovery, 2023, 9, .	2.0	1
1572	Fecal microbiota transplantation attenuates Escherichia coli infected outgrowth by modulating the intestinal microbiome. Microbial Cell Factories, 2023, 22, .	1.9	4
1573	Gut microbiota associated with cryptococcal meningitis and dysbiosis caused by anti-fungal treatment. Frontiers in Microbiology, 0, 13, .	1.5	5
1574	Adherent-invasive E. coli “ induced specific IgA limits pathobiont localization to the epithelial niche in the gut. Frontiers in Microbiology, 0, 14, .	1.5	4
1575	A major mechanism for immunomodulation: Dietary fibres and acid metabolites. Seminars in Immunology, 2023, 66, 101737.	2.7	15
1576	The Gut Microbiome of an Indigenous Agropastoralist Population in a Remote Area of Colombia with High Rates of Gastrointestinal Infections and Dysbiosis. Microorganisms, 2023, 11, 625.	1.6	1
1577	The interplay between the microbiome and colonic immune system in checkpoint inhibitor therapy. , 0, 2, .		0
1578	Microbial Components and Effector Molecules in T Helper Cell Differentiation and Function. Immune Network, 2023, 23, .	1.6	4
1579	Simultaneous effects of aluminum exposure on the homeostasis of essential metal content in rat brain and perturbation of gut microbiota. Ecotoxicology and Environmental Safety, 2023, 254, 114707.	2.9	5
1580	Anti-Atopic Dermatitis Effects of Abietic Acid Isolated from Rosin under Condition Optimized by Response Surface Methodology in DNCB-Spread BALB/c Mice. Pharmaceuticals, 2023, 16, 407.	1.7	3
1581	Evidence for a Causal Role for Escherichia coli Strains Identified as Adherent-Invasive (AIEC) in Intestinal Inflammation. MSphere, 2023, 8, .	1.3	5
1582	Pivotal Role of Intestinal Microbiota and Intraluminal Metabolites for the Maintenance of Gut“Bone Physiology. International Journal of Molecular Sciences, 2023, 24, 5161.	1.8	3
1583	Network Approaches to Uncover Pathogenesis and Therapeutic Targets of Inflammatory Bowel Diseases. Keio Journal of Medicine, 2023, 72, 29-43.	0.5	1
1584	Extracellular Vesicles in Mental Disorders: A State-of-art Review. International Journal of Biological Sciences, 2023, 19, 1094-1109.	2.6	7
1585	Faecalibacterium prausnitzii prevents hepatic damage in a mouse model of NASH induced by a high-fructose high-fat diet. Frontiers in Microbiology, 0, 14, .	1.5	9
1586	The Microbiota“Gut“Brain Axis: Psychoneuroimmunological Insights. Nutrients, 2023, 15, 1496.	1.7	8
1587	Exploring the Potential of Lactobacillus helveticus R0052 and Bifidobacterium longum R0175 as Promising Psychobiotics Using SHIME. Nutrients, 2023, 15, 1521.	1.7	4

#	ARTICLE	IF	CITATIONS
1588	Immune tolerance breakdown in inborn errors of immunity: Paving the way to novel therapeutic approaches. <i>Clinical Immunology</i> , 2023, 251, 109302.	1.4	2
1589	Synbiotics in Hepatocellular Carcinoma. , 2023, , 175-189.		0
1590	Role of gut microbiota in infectious and inflammatory diseases. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	12
1591	Occupational exposure in swine farm defines human skin and nasal microbiota. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	1
1592	Diet prevents the expansion of segmented filamentous bacteria and ileo-colonic inflammation in a model of Crohn's disease. <i>Microbiome</i> , 2023, 11, .	4.9	3
1593	Phenotype and outcomes of very early onset and early onset inflammatory bowel diseases in a Montreal pediatric cohort. <i>Frontiers in Pediatrics</i> , 0, 11, .	0.9	1
1594	Intratumoral microbiota is associated with prognosis in patients with adrenocortical carcinoma. , 2023, 2, .		6
1595	¿Las exposiciones laborales pueden alterar la microbiota humana?. <i>Archivos De Prevencion y Riesgos Laborales</i> , 2023, 26, 150-154.	0.1	0
1596	The direct and gut microbiota-mediated effects of dietary bile acids on the improvement of gut barriers in largemouth bass ( <i>Micropterus salmoides</i> ). <i>Animal Nutrition</i> , 2023, 14, 32-42.	2.1	3
1597	An Evaluation Method of Human Gut Microbial Homeostasis by Testing Specific Fecal Microbiota. <i>Engineering</i> , 2023, 29, 110-119.	3.2	0
1602	Gut Microbiome-Brain Alliance: A Landscape View into Mental and Gastrointestinal Health and Disorders. <i>ACS Chemical Neuroscience</i> , 2023, 14, 1717-1763.	1.7	24
1606	Pathophysiological mechanisms and therapeutic approaches in obstructive sleep apnea syndrome. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	29
1608	Microbiome therapeutics as an alternative to the antibiotics. , 2023, , 421-441.		0
1622	The impact of systemic inflammation on neuroinflammation. , 2023, , 169-188.		0
1623	Immune response to intestinal microbial dysbiosis. , 2023, , 125-136.		0
1625	From symbiosis to dysbiosis in gut-consequence includes metabolic syndrome. , 2023, , 61-83.		0
1631	Gut Microbiota and Host Immune System in Cancer. , 2023, , 1-40.		0
1646	Wavelet-Based Microbiome Correlations of Host Traits. , 2022, , .		1



#	ARTICLE	IF	CITATIONS
1665	Association between primary Sjögren's syndrome and gut microbiota disruption: a systematic review and meta-analysis. <i>Clinical Rheumatology</i> , 2024, 43, 603-619.	1.0	1
1668	Systemic Onco-Sphere: Host Microbiome and Cancer. , 2023, , 553-577.		0
1685	Probiotics and Prebiotics: Application to Pets. , 2023, , 167-227.		0
1686	Microbiome and Metabolomic Biomarkers for Huntington's Disease. <i>Contemporary Clinical Neuroscience</i> , 2023, , 247-273.	0.3	0
1694	Intestinal Barrier and Pathogen-Associated Molecular Patterns (PAMPs) in the Development and Therapy of Alcohol-Related Liver Disease. , 2023, , 1167-1183.		0
1705	Impact of Climate Change on the Gut Microbiome of Fish and Shellfish. , 2023, , 255-294.		0
1711	Gut Microbiome and Fish Health: An Overview in Finfish Aquaculture Prospective. , 2023, , 47-74.		0
1718	Large Intestine and Gut-Brain Microbiota Interactions. , 2023, , 172-211.		0
1730	Intestinal Microbiota of Tilapia: Characterization and Modulation. <i>Applied Environmental Science and Engineering for A Sustainable Future</i> , 2023, , 77-101.	0.2	0
1739	Editorial: Environments-pathogens-the gut microbiota and host diseases. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	0
1754	Host-pathogen interactions with special reference to microbiota analysis and integration of systems biology approaches. , 2024, , 191-211.		0
1762	Tissue-based in vitro and ex vivo models for intestinal permeability studies. , 2024, , 309-346.		0
1764	Digestive Tract and Salivary Glands. , 2024, , 1-148.		0