

EMPeror: a tool for visualizing high-throughput microb

GigaScience

2, 16

DOI: [10.1186/2047-217x-2-16](https://doi.org/10.1186/2047-217x-2-16)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Cut Microbes and the Brain: Paradigm Shift in Neuroscience. Journal of Neuroscience, 2014, 34, 15490-15496.	1.7	719
2	The Earth Microbiome project: successes and aspirations. BMC Biology, 2014, 12, 69.	1.7	723
3	Spatial biodiversity of bacteria along the largest Arctic river determined by next-generation sequencing. FEMS Microbiology Ecology, 2014, 89, 442-450.	1.3	41
4	Assessing impacts of unconventional natural gas extraction on microbial communities in headwater stream ecosystems in Northwestern Pennsylvania. Frontiers in Microbiology, 2014, 5, 522.	1.5	58
5	Using QIIME to Evaluate the Microbial Communities Within Hydrocarbon Environments. Springer Protocols, 2015, , 89-113.	0.1	4
6	Functionally redundant but dissimilar microbial communities within biogas reactors treating maize silage in co-fermentation with sugar beet silage. Microbial Biotechnology, 2015, 8, 828-836.	2.0	31
7	Dynamics of marine bacterial community diversity of the coastal waters of the reefs, inlets, and wastewater outfalls of southeast Florida. MicrobiologyOpen, 2015, 4, 390-408.	1.2	81
8	The nasopharyngeal microbiota of feedlot cattle. Scientific Reports, 2015, 5, 15557.	1.6	64
9	Annual periodicity in planktonic bacterial and archaeal community composition of eutrophic Lake Taihu. Scientific Reports, 2015, 5, 15488.	1.6	74
10	Increased diversity of egg-associated bacteria on brown trout (<i>Salmo trutta</i>) at elevated temperatures. Scientific Reports, 2015, 5, 17084.	1.6	29
11	In vitro characterisation of the fermentation profile and prebiotic capacity of gold-fleshed kiwifruit. Beneficial Microbes, 2015, 6, 829-839.	1.0	10
12	An accurate and efficient experimental approach for characterization of the complex oral microbiota. Microbiome, 2015, 3, 48.	4.9	95
13	Context and the human microbiome. Microbiome, 2015, 3, 52.	4.9	81
14	Microbiome changes associated with sustained eradication of <i>Clostridium difficile</i> after single faecal microbiota transplantation in children with and without inflammatory bowel disease. Alimentary Pharmacology and Therapeutics, 2015, 42, 741-752.	1.9	83
15	Oral microbiome and history of smoking and colorectal cancer. Journal of Epidemiological Research, 2015, 2, 92-101.	0.6	58
16	Reutericyclin producing <i>Lactobacillus reuteri</i> modulates development of fecal microbiota in weanling pigs. Frontiers in Microbiology, 2015, 6, 762.	1.5	38
17	The Gut Microbiota Composition in Dichorionic Triplet Sets Suggests a Role for Host Genetic Factors. PLoS ONE, 2015, 10, e0122561.	1.1	35
18	Exercise Is More Effective at Altering Gut Microbial Composition and Producing Stable Changes in Lean Mass in Juvenile versus Adult Male F344 Rats. PLoS ONE, 2015, 10, e0125889.	1.1	150

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19	The Hoopoe's Uropygial Gland Hosts a Bacterial Community Influenced by the Living Conditions of the Bird. <i>PLoS ONE</i> , 2015, 10, e0139734.	1.1	29
20	Impact of Water Chemistry, Pipe Material and Stagnation on the Building Plumbing Microbiome. <i>PLoS ONE</i> , 2015, 10, e0141087.	1.1	128
21	Plant Invasions Associated with Change in Root-Zone Microbial Community Structure and Diversity. <i>PLoS ONE</i> , 2015, 10, e0141424.	1.1	64
22	Study of the diversity and short-chain fatty acids production by the bacterial community in overweight and obese Mexican children. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015, 34, 1337-1346.	1.3	114
23	Rhythmicity of the intestinal microbiota is regulated by gender and the host circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 10479-10484.	3.3	410
24	<i>Euphorbia</i> plant latex is inhabited by diverse microbial communities. <i>American Journal of Botany</i> , 2015, 102, 1966-1977.	0.8	13
25	Seed: a user-friendly tool for exploring and visualizing microbial community data. <i>Bioinformatics</i> , 2015, 31, 602-603.	1.8	7
26	Voluntary and forced exercise differentially alters the gut microbiome in C57BL/6J mice. <i>Journal of Applied Physiology</i> , 2015, 118, 1059-1066.	1.2	212
27	Antibiotics in ingested human blood affect the mosquito microbiota and capacity to transmit malaria. <i>Nature Communications</i> , 2015, 6, 5921.	5.8	154
28	Inferred metagenomic comparison of mucosal and fecal microbiota from individuals undergoing routine screening colonoscopy reveals similar differences observed during active inflammation. <i>Gut Microbes</i> , 2015, 6, 48-56.	4.3	55
29	Kiwifruit fermentation drives positive gut microbial and metabolic changes irrespective of initial microbiota composition. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2015, 6, 37-45.	1.5	18
30	High-intensity sweetener consumption and gut microbiome content and predicted gene function in a cross-sectional study of adults in the United States. <i>Annals of Epidemiology</i> , 2015, 25, 736-742.e4.	0.9	87
31	Out of the dark: transitional subsurface-to-surface microbial diversity in a terrestrial serpentinizing seep (Manleluag, Pangasinan, the Philippines). <i>Frontiers in Microbiology</i> , 2015, 6, 44.	1.5	79
32	Differences in the faecal microbiome of non-diarrhoeic clinically healthy dogs and cats associated with <i>Giardia duodenalis</i> infection: impact of hookworms and coccidia. <i>International Journal for Parasitology</i> , 2015, 45, 585-594.	1.3	59
33	Evaluating variation in human gut microbiota profiles due to DNA extraction method and inter-subject differences. <i>Frontiers in Microbiology</i> , 2015, 6, 130.	1.5	152
34	Host genotype is an important determinant of the cereal phyllosphere mycobiome. <i>New Phytologist</i> , 2015, 207, 1134-1144.	3.5	179
35	Dynamic changes in short- and long-term bacterial composition following fecal microbiota transplantation for recurrent <i>Clostridium difficile</i> infection. <i>Microbiome</i> , 2015, 3, 10.	4.9	218
36	Restoration of a Mediterranean forest after a fire: bioremediation and rhizoremediation field-scale trial. <i>Microbial Biotechnology</i> , 2015, 8, 77-92.	2.0	28

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37	Statistical Tools for Data Analysis. Springer Protocols, 2015, , 41-57.	0.1	0
38	Genome-Wide Tuning of Protein Expression Levels to Rapidly Engineer Microbial Traits. ACS Synthetic Biology, 2015, 4, 1244-1253.	1.9	22
39	Dietary analysis on the shallow-water hydrothermal vent crab <i>Xenograpsus testudinatus</i> using Illumina sequencing. Marine Biology, 2015, 162, 1787-1798.	0.7	21
40	The prebiotics 3- <i>O</i> -Sialyllactose and 6- <i>O</i> -Sialyllactose diminish stressor-induced anxiety-like behavior and colonic microbiota alterations: Evidence for effects on the gut-brain axis. Brain, Behavior, and Immunity, 2015, 50, 166-177.	2.0	233
41	Variation in the Microbiota of Ixodes Ticks with Regard to Geography, Species, and Sex. Applied and Environmental Microbiology, 2015, 81, 6200-6209.	1.4	167
42	Early life dynamics of the human gut virome and bacterial microbiome in infants. Nature Medicine, 2015, 21, 1228-1234.	15.2	523
43	Evaluation of the bacterial microbiome of two flea species using different DNA-isolation techniques provides insights into flea host ecology. FEMS Microbiology Ecology, 2015, 91, fiv134.	1.3	31
44	Paneth cell defects in Crohn's disease patients promote dysbiosis. JCI Insight, 2016, 1, e86907.	2.3	91
45	Fine Spatial Scale Variation of Soil Microbial Communities under European Beech and Norway Spruce. Frontiers in Microbiology, 2016, 7, 2067.	1.5	74
46	Cervical Microbiome and Cytokine Profile at Various Stages of Cervical Cancer: A Pilot Study. PLoS ONE, 2016, 11, e0153274.	1.1	275
47	<i>Helicobacter pylori</i> Eradication Causes Perturbation of the Human Gut Microbiome in Young Adults. PLoS ONE, 2016, 11, e0151893.	1.1	109
48	Effect of Co-Composting Cattle Manure with Construction and Demolition Waste on the Archaeal, Bacterial, and Fungal Microbiota, and on Antimicrobial Resistance Determinants. PLoS ONE, 2016, 11, e0157539.	1.1	54
49	Rapid assemblage of diverse environmental fungal communities on public restroom floors. Indoor Air, 2016, 26, 869-879.	2.0	20
50	Relationship between the microbiota in different sections of the gastrointestinal tract, and the body weight of broiler chickens. SpringerPlus, 2016, 5, 911.	1.2	80
51	Lignocellulose-derived thin stillage composition and efficient biological treatment with a high-rate hybrid anaerobic bioreactor system. Biotechnology for Biofuels, 2016, 9, 120.	6.2	25
52	Microbiome-wide association studies link dynamic microbial consortia to disease. Nature, 2016, 535, 94-103.	13.7	595
53	Characterization of the stromatolite microbiome from Little Darcy Island, Tahiti using predictive and whole shotgun metagenomic analysis. Environmental Microbiology, 2016, 18, 1452-1469.	1.8	30
54	Effects of Land Use Changes from Paddy Fields on Soil Bacterial Communities in a Hilly and Mountainous Area. Microbes and Environments, 2016, 31, 160-164.	0.7	7

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55	Gut Microbiota Regulate Motor Deficits and Neuroinflammation in a Model of Parkinson's Disease. <i>Cell</i> , 2016, 167, 1469-1480.e12.	13.5	2,399
56	Longitudinal metagenomic profiling of bovine milk to assess the impact of intramammary treatment using a third-generation cephalosporin. <i>Scientific Reports</i> , 2016, 6, 37565.	1.6	100
57	Spatial and compositional variation in the fungal communities of organic and conventionally grown apple fruit at the consumer point-of-purchase. <i>Horticulture Research</i> , 2016, 3, 16047.	2.9	138
58	Integrated Role of <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Supplementation in Gut Microbiota, Immunity, and Metabolism of Infant Rhesus Monkeys. <i>MSystems</i> , 2016, 1, .	1.7	21
59	Immunization with a heat-killed preparation of the environmental bacterium <i>Mycobacterium vaccae</i> promotes stress resilience in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3130-9.	3.3	186
60	Composition and function of the pediatric colonic mucosal microbiome in untreated patients with ulcerative colitis. <i>Gut Microbes</i> , 2016, 7, 384-396.	4.3	84
61	Analysis of Gut Microbiome Reveals Significant Differences between Men with Chronic Prostatitis/Chronic Pelvic Pain Syndrome and Controls. <i>Journal of Urology</i> , 2016, 196, 435-441.	0.2	79
62	Helminth infection promotes colonization resistance via type 2 immunity. <i>Science</i> , 2016, 352, 608-612.	6.0	347
63	From Sample to Multi-Omics Conclusions in under 48 Hours. <i>MSystems</i> , 2016, 1, .	1.7	53
64	Bacterial microbiota associated with flower pollen is influenced by pollination type, and shows a high degree of diversity and species-specificity. <i>Environmental Microbiology</i> , 2016, 18, 5161-5174.	1.8	132
65	Behavioural and neurochemical consequences of chronic gut microbiota depletion during adulthood in the rat. <i>Neuroscience</i> , 2016, 339, 463-477.	1.1	196
66	Mass Spectrometry-Based Visualization of Molecules Associated with Human Habitats. <i>Analytical Chemistry</i> , 2016, 88, 10775-10784.	3.2	44
67	Protein- and zinc-deficient diets modulate the murine microbiome and metabolic phenotype. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 1253-1262.	2.2	83
68	Response of Germfree Mice to Colonization by <i>Oxalobacter formigenes</i> and Altered Schaedler Flora. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6952-6960.	1.4	20
69	The Oral and Skin Microbiomes of Captive Komodo Dragons Are Significantly Shared with Their Habitat. <i>MSystems</i> , 2016, 1, .	1.7	61
70	MetaCoMET: a web platform for discovery and visualization of the core microbiome. <i>Bioinformatics</i> , 2016, 32, 3469-3470.	1.8	80
71	A metabolomics guided exploration of marine natural product chemical space. <i>Metabolomics</i> , 2016, 12, 1.	1.4	43
72	Effects of host genetics and environment on egg-associated microbiotas in brown trout (<i>Salmo</i>) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	28

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73	Visualizing Patterns of Marine Eukaryotic Diversity from Metabarcoding Data Using QIIME. <i>Methods in Molecular Biology</i> , 2016, 1452, 219-235.	0.4	9
74	Cardiorespiratory fitness as a predictor of intestinal microbial diversity and distinct metagenomic functions. <i>Microbiome</i> , 2016, 4, 42.	4.9	301
75	Neonatal gut microbiota associates with childhood multisensitized atopy and T cell differentiation. <i>Nature Medicine</i> , 2016, 22, 1187-1191.	15.2	844
76	A Microbial Link to Weathering of Postglacial Rocks and Sediments, Mount Viso Area, Western Alps, Demonstrated through Analysis of a Soil/Paleosol Bio/Chronosequence. <i>Journal of Geology</i> , 2016, 124, 149-169.	0.7	13
77	Midtrimester Cervicovaginal Microbiota: Identification of Microbial Variations Associated with Puerperal Infection at Term. <i>American Journal of Perinatology</i> , 2016, 33, 1165-1175.	0.6	8
78	Bacterial communities involved in sulfur transformations in wastewater treatment plants. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 10125-10135.	1.7	34
79	Dog and human inflammatory bowel disease rely on overlapping yet distinct dysbiosis networks. <i>Nature Microbiology</i> , 2016, 1, 16177.	5.9	194
80	A high-resolution map of the gut microbiota in Atlantic salmon (<i>Salmo salar</i>): A basis for comparative gut microbial research. <i>Scientific Reports</i> , 2016, 6, 30893.	1.6	246
81	Individual <i>Apostichopus japonicus</i> fecal microbiome reveals a link with polyhydroxybutyrate producers in host growth gaps. <i>Scientific Reports</i> , 2016, 6, 21631.	1.6	81
82	The Impact of Dietary Energy Intake Early in Life on the Colonic Microbiota of Adult Mice. <i>Scientific Reports</i> , 2016, 6, 19083.	1.6	18
83	Differences in Bacterial Diversity and Communities Between Glacial Snow and Glacial Soil on the Chongce Ice Cap, West Kunlun Mountains. <i>Scientific Reports</i> , 2016, 6, 36548.	1.6	27
84	The Airway Microbiome at Birth. <i>Scientific Reports</i> , 2016, 6, 31023.	1.6	139
85	Genome and metagenome analyses reveal adaptive evolution of the host and interaction with the gut microbiota in the goose. <i>Scientific Reports</i> , 2016, 6, 32961.	1.6	36
86	PhyloToAST: Bioinformatics tools for species-level analysis and visualization of complex microbial datasets. <i>Scientific Reports</i> , 2016, 6, 29123.	1.6	42
87	Efficient Nucleic Acid Extraction and 16S rRNA Gene Sequencing for Bacterial Community Characterization. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	24
88	Influence of GABA and GABA-producing <i>Lactobacillus brevis</i> DPC 6108 on the development of diabetes in a streptozotocin rat model. <i>Beneficial Microbes</i> , 2016, 7, 409-420.	1.0	46
89	Presence of pathogenic <i>Escherichia coli</i> is correlated with bacterial community diversity and composition on pre-harvest cattle hides. <i>Microbiome</i> , 2016, 4, 9.	4.9	25
90	Bacterial community in <i>Haemaphysalis</i> ticks of domesticated animals from the Orang Asli communities in Malaysia. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 929-937.	1.1	62

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91	ghost-tree: creating hybrid-gene phylogenetic trees for diversity analyses. <i>Microbiome</i> , 2016, 4, 11.	4.9	51
92	Colonization potential to reconstitute a microbe community in patients detected early after fecal microbe transplant for recurrent <i>C. difficile</i> . <i>BMC Microbiology</i> , 2016, 16, 5.	1.3	19
93	Predominance of <i>Lactobacillus</i> spp. Among Patients Who Do Not Acquire Multidrug-Resistant Organisms. <i>Clinical Infectious Diseases</i> , 2016, 63, 937-943.	2.9	28
94	Vaginal Microbiota in Pregnancy: Evaluation Based on Vaginal Flora, Birth Outcome, and Race. <i>American Journal of Perinatology</i> , 2016, 33, 401-408.	0.6	34
95	Perfluoroalkyl Acids Inhibit Reductive Dechlorination of Trichloroethene by Repressing <i>Dehalococcoides</i> . <i>Environmental Science & Technology</i> , 2016, 50, 240-248.	4.6	42
96	Longitudinal Evaluation of the Skin Microbiome and Association with Microenvironment and Treatment in Canine Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1182-1190.	0.3	127
97	Novel microbial assemblages inhabiting crustal fluids within mid-ocean ridge flank subsurface basalt. <i>ISME Journal</i> , 2016, 10, 2033-2047.	4.4	59
98	Increased water contamination and grow-out Pekin duck mortality when raised with water troughs compared to pin-metered water lines using a United States management system. <i>Poultry Science</i> , 2016, 95, 736-748.	1.5	15
99	Airborne Bacterial Diversity from the Low Atmosphere of Greater Mexico City. <i>Microbial Ecology</i> , 2016, 72, 70-84.	1.4	31
100	Cervical Microbiota Associated with Higher Grade Cervical Intraepithelial Neoplasia in Women Infected with High-Risk Human Papillomaviruses. <i>Cancer Prevention Research</i> , 2016, 9, 357-366.	0.7	112
101	The Urinary Microbiome Differs Significantly Between Patients With Chronic Prostatitis/Chronic Pelvic Pain Syndrome and Controls as Well as Between Patients With Different Clinical Phenotypes. <i>Urology</i> , 2016, 92, 26-32.	0.5	106
102	Biochar alters the soil microbiome and soil function: results of next-generation amplicon sequencing across Europe. <i>GCB Bioenergy</i> , 2017, 9, 591-612.	2.5	126
103	The Composition of Human Milk and Infant Faecal Microbiota Over the First Three Months of Life: A Pilot Study. <i>Scientific Reports</i> , 2017, 7, 40597.	1.6	279
104	Bringing the Dynamic Microbiome to Life with Animations. <i>Cell Host and Microbe</i> , 2017, 21, 7-10.	5.1	95
105	Variation of the microbiota and metabolome along the canine gastrointestinal tract. <i>Metabolomics</i> , 2017, 13, 1.	1.4	51
106	The choice of the DNA extraction method may influence the outcome of the soil microbial community structure analysis. <i>MicrobiologyOpen</i> , 2017, 6, e00453.	1.2	50
107	Microbiota composition of simultaneously colonized mice housed under either a gnotobiotic isolator or individually ventilated cage regime. <i>Scientific Reports</i> , 2017, 7, 42245.	1.6	37
108	Deblur Rapidly Resolves Single-Nucleotide Community Sequence Patterns. <i>MSystems</i> , 2017, 2, .	1.7	1,339

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109	Retrospective analysis of phytoplankton assemblages on the Iwate coast before and after the 2011 tsunami using cryopreserved <scp>DNA</scp> samples. <i>Fisheries Oceanography</i> , 2017, 26, 234-250.	0.9	5
110	Resistant starch can improve insulin sensitivity independently of the gut microbiota. <i>Microbiome</i> , 2017, 5, 12.	4.9	113
111	Normalization and microbial differential abundance strategies depend upon data characteristics. <i>Microbiome</i> , 2017, 5, 27.	4.9	1,434
112	Dynamics of the human gut microbiome in inflammatory bowel disease. <i>Nature Microbiology</i> , 2017, 2, 17004.	5.9	830
114	Process stability and microbial community composition in pig manure and food waste anaerobic co-digesters operated at low HRTs. <i>Frontiers of Environmental Science and Engineering</i> , 2017, 11, 1.	3.3	54
115	Salivary microbiome of an urban Indian cohort and patterns linked to subclinical inflammation. <i>Oral Diseases</i> , 2017, 23, 926-940.	1.5	26
116	<i>Giardia</i> Alters Commensal Microbial Diversity throughout the Murine Gut. <i>Infection and Immunity</i> , 2017, 85, .	1.0	104
117	Mapping and comparing bacterial microbiota in the sinonasal cavity of healthy, allergic rhinitis, and chronic rhinosinusitis subjects. <i>International Forum of Allergy and Rhinology</i> , 2017, 7, 561-569.	1.5	86
118	A Study of the Microbial Spatial Heterogeneity of Bahamian Thrombolites Using Molecular, Biochemical, and Stable Isotope Analyses. <i>Astrobiology</i> , 2017, 17, 413-430.	1.5	37
119	Compositionally and functionally distinct sinus microbiota in chronic rhinosinusitis patients have immunological and clinically divergent consequences. <i>Microbiome</i> , 2017, 5, 53.	4.9	151
120	Coupling Targeted and Untargeted Mass Spectrometry for Metabolome-Microbiome-Wide Association Studies of Human Fecal Samples. <i>Analytical Chemistry</i> , 2017, 89, 7549-7559.	3.2	62
121	Soil prokaryotic communities in Chernobyl waste disposal trench T22 are modulated by organic matter and radionuclide contamination. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	20
122	Changes in microbial ecology after fecal microbiota transplantation for recurrent <i>C. difficile</i> infection affected by underlying inflammatory bowel disease. <i>Microbiome</i> , 2017, 5, 55.	4.9	118
123	Meta-analysis To Define a Core Microbiota in the Swine Gut. <i>MSystems</i> , 2017, 2, .	1.7	240
124	Microbial Biogeography and Core Microbiota of the Rat Digestive Tract. <i>Scientific Reports</i> , 2017, 7, 45840.	1.6	127
125	The nasopharyngeal microbiota of beef cattle before and after transport to a feedlot. <i>BMC Microbiology</i> , 2017, 17, 70.	1.3	69
126	Analysis of microbiota involved in the aged natural fermentation of indigo. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 70.	1.7	20
127	Impact of water heater temperature setting and water use frequency on the building plumbing microbiome. <i>ISME Journal</i> , 2017, 11, 1318-1330.	4.4	102

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128	Exploring the microbial community (microflora) associated with ovine <i>Haemonchus contortus</i> (macroflora) field strains. <i>Scientific Reports</i> , 2017, 7, 70.	1.6	42
129	Delayed utilization of some fast-fermenting soluble dietary fibers by human gut microbiota when presented in a mixture. <i>Journal of Functional Foods</i> , 2017, 32, 347-357.	1.6	91
130	Microbial communities of aquatic environments on Heard Island characterized by pyrotag sequencing and environmental data. <i>Scientific Reports</i> , 2017, 7, 44480.	1.6	12
131	Intestinal adaptation in proximal and distal segments: Two epithelial responses diverge after intestinal separation. <i>Surgery</i> , 2017, 161, 1016-1027.	1.0	6
132	Eukaryotic community diversity and spatial variation during drinking water production (by seawater) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Technology, 2017, 3, 92-105.	1.2	9
133	Effects of Actinomycete Secondary Metabolites on Sediment Microbial Communities. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	44
134	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017, 551, 457-463.	13.7	1,942
135	Microbial community and ovine host response varies with early and late stages of <i>Haemonchus contortus</i> infection. <i>Veterinary Research Communications</i> , 2017, 41, 263-277.	0.6	33
136	Host's microbiota interaction induces bi-phasic inflammation and glucose intolerance in mice. <i>Molecular Metabolism</i> , 2017, 6, 1371-1380.	3.0	30
137	An Oxidative Central Metabolism Enables <i>Salmonella</i> to Utilize Microbiota-Derived Succinate. <i>Cell Host and Microbe</i> , 2017, 22, 291-301.e6.	5.1	124
138	The sponge microbiome project. <i>GigaScience</i> , 2017, 6, 1-7.	3.3	193
139	Microbial Disruption Indices to Detect Colonization With Multidrug-Resistant Organisms. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 1312-1318.	1.0	11
140	<i>Endozoicomonas</i> Dominates the Gill and Intestinal Content Microbiomes of <i>Mytilus edulis</i> from Barnegat Bay, New Jersey. <i>Journal of Shellfish Research</i> , 2017, 36, 391-401.	0.3	19
141	Mass Spectrometry-Based Chemical Cartography of a Cardiac Parasitic Infection. <i>Analytical Chemistry</i> , 2017, 89, 10414-10421.	3.2	35
142	Impact of Immunosuppression on the Metagenomic Composition of the Intestinal Microbiome: a Systems Biology Approach to Post-Transplant Diabetes. <i>Scientific Reports</i> , 2017, 7, 10277.	1.6	49
143	The tongue microbiome in healthy subjects and patients with intra-oral halitosis. <i>Journal of Breath Research</i> , 2017, 11, 036010.	1.5	53
144	Microbiome Alterations Are Correlated with Occurrence of Postharvest Stem-End Rot in Mango Fruit. <i>Phytobiomes Journal</i> , 2017, 1, 117-127.	1.4	72
145	An <i>In Vitro</i> Chicken Gut Model Demonstrates Transfer of a Multidrug Resistance Plasmid from <i>Salmonella</i> to Commensal <i>Escherichia coli</i> . <i>MBio</i> , 2017, 8, .	1.8	60

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146	Microbiome analysis and confocal microscopy of used kitchen sponges reveal massive colonization by <i>Acinetobacter</i> , <i>Moraxella</i> and <i>Chryseobacterium</i> species. <i>Scientific Reports</i> , 2017, 7, 5791.	1.6	41
147	Inhibition of methane production by the palm oil industrial waste phospholine gum in a mimic enteric fermentation. <i>Journal of Cleaner Production</i> , 2017, 165, 621-629.	4.6	14
148	Predicting Microbial Fuel Cell Biofilm Communities and Bioreactor Performance using Artificial Neural Networks. <i>Environmental Science & Technology</i> , 2017, 51, 10881-10892.	4.6	64
149	Effect of Oral Capsule vs Colonoscopy-Delivered Fecal Microbiota Transplantation on Recurrent <i>Clostridium difficile</i> Infection. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1985.	3.8	446
150	Deficiency of essential dietary n-3 PUFA disrupts the caecal microbiome and metabolome in mice. <i>British Journal of Nutrition</i> , 2017, 118, 959-970.	1.2	40
151	Effect of Sulfur Content on Microbial Composition and Biodegradation of a Brazilian Diesel and Biodiesel Blend (B10). <i>Energy & Fuels</i> , 2017, 31, 12305-12316.	2.5	7
152	Evaluating the impact of domestication and captivity on the horse gut microbiome. <i>Scientific Reports</i> , 2017, 7, 15497.	1.6	112
153	Inflammation-induced IgA+ cells dismantle anti-liver cancer immunity. <i>Nature</i> , 2017, 551, 340-345.	13.7	396
154	Polydextrose changes the gut microbiome and attenuates fasting triglyceride and cholesterol levels in Western diet fed mice. <i>Scientific Reports</i> , 2017, 7, 5294.	1.6	71
155	Bacterial profile in human atherosclerotic plaques. <i>Atherosclerosis</i> , 2017, 263, 177-183.	0.4	49
156	Social Influences on <i>Prevotella</i> and the Gut Microbiome of Young Monkeys. <i>Psychosomatic Medicine</i> , 2017, 79, 888-897.	1.3	47
157	Relationship between nasopharyngeal and bronchoalveolar microbial communities in clinically healthy feedlot cattle. <i>BMC Microbiology</i> , 2017, 17, 138.	1.3	55
158	Nutritional Correlates of Human Oral Microbiome. <i>Journal of the American College of Nutrition</i> , 2017, 36, 88-98.	1.1	87
159	Prioritizing Natural Product Diversity in a Collection of 146 Bacterial Strains Based on Growth and Extraction Protocols. <i>Journal of Natural Products</i> , 2017, 80, 588-597.	1.5	105
160	Omega-3 polyunsaturated fatty acids critically regulate behaviour and gut microbiota development in adolescence and adulthood. <i>Brain, Behavior, and Immunity</i> , 2017, 59, 21-37.	2.0	195
161	Immune Response and Mortality Risk Relate to Distinct Lung Microbiomes in Patients with HIV and Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 104-114.	2.5	60
162	DNA extraction for streamlined metagenomics of diverse environmental samples. <i>BioTechniques</i> , 2017, 62, 290-293.	0.8	178
163	Impact of hypoxia on gene expression patterns by the human pathogen, <i>Vibrio vulnificus</i> , and bacterial community composition in a North Carolina estuary. <i>GeoHealth</i> , 2017, 1, 37-50.	1.9	7

#	ARTICLE	IF	CITATIONS
164	Mass Spectrometry Based Molecular 3D-Cartography of Plant Metabolites. <i>Frontiers in Plant Science</i> , 2017, 8, 429.	1.7	24
165	Characterization of Gut Microbiome Dynamics in Developing Pekin Ducks and Impact of Management System. <i>Frontiers in Microbiology</i> , 2016, 7, 2125.	1.5	46
166	The Type of Forage Substrate Preparation Included as Substrate in a RUSITEC System Affects the Ruminal Microbiota and Fermentation Characteristics. <i>Frontiers in Microbiology</i> , 2017, 8, 704.	1.5	44
167	Incubation Temperature, But Not Pequi Oil Supplementation, Affects Methane Production, and the Ruminal Microbiota in a Rumen Simulation Technique (Rusitec) System. <i>Frontiers in Microbiology</i> , 2017, 8, 1076.	1.5	24
168	Effects of Physiochemical Factors on Prokaryotic Biodiversity in Malaysian Circumneutral Hot Springs. <i>Frontiers in Microbiology</i> , 2017, 8, 1252.	1.5	49
169	The Fungal Frontier: A Comparative Analysis of Methods Used in the Study of the Human Gut Mycobiome. <i>Frontiers in Microbiology</i> , 2017, 8, 1432.	1.5	86
170	Bacterial Community Dynamics in Dichloromethane-Contaminated Groundwater Undergoing Natural Attenuation. <i>Frontiers in Microbiology</i> , 2017, 8, 2300.	1.5	23
171	Antibiotic-Induced Alterations in Gut Microbiota Are Associated with Changes in Glucose Metabolism in Healthy Mice. <i>Frontiers in Microbiology</i> , 2017, 8, 2306.	1.5	103
172	16S rRNA Next Generation Sequencing Analysis Shows Bacteria in Alzheimer's Post-Mortem Brain. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 195.	1.7	234
173	Emerging Statistical Methodologies in the Field of Microbiome Studies. <i>Handbook of Statistics</i> , 2017, , 37-52.	0.4	0
174	The feline skin microbiota: The bacteria inhabiting the skin of healthy and allergic cats. <i>PLoS ONE</i> , 2017, 12, e0178555.	1.1	41
175	Unraveling the environmental and anthropogenic drivers of bacterial community changes in the Estuary of Bilbao and its tributaries. <i>PLoS ONE</i> , 2017, 12, e0178755.	1.1	34
176	Cross-modulation of pathogen-specific pathways enhances malnutrition during enteric co-infection with <i>Giardia lamblia</i> and enteroaggregative <i>Escherichia coli</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006471.	2.1	68
177	Longitudinal profiling reveals a persistent intestinal dysbiosis triggered by conventional anti-tuberculosis therapy. <i>Microbiome</i> , 2017, 5, 71.	4.9	117
178	Normal milk microbiome is reestablished following experimental infection with <i>Escherichia coli</i> independent of intramammary antibiotic treatment with a third-generation cephalosporin in bovines. <i>Microbiome</i> , 2017, 5, 74.	4.9	54
180	The Effect of Feeding Cocoa Powder and <i>Lactobacillus rhamnosus</i> on the Composition and Function of Pig Intestinal Microbiome. <i>Current Developments in Nutrition</i> , 2018, 2, nzy011.	0.1	14
181	<i>Lactobacillus gasseri</i> in the Upper Small Intestine Impacts an ACSL3-Dependent Fatty Acid-Sensing Pathway Regulating Whole-Body Glucose Homeostasis. <i>Cell Metabolism</i> , 2018, 27, 572-587.e6.	7.2	54
182	In tandem effects of activated carbon and quorum quenching on fouling control and simultaneous removal of pharmaceutical compounds in membrane bioreactors. <i>Chemical Engineering Journal</i> , 2018, 341, 610-617.	6.6	36

#	ARTICLE	IF	CITATIONS
183	Metagenome and Culture-Based Methods Reveal Candidate Bacterial Mutualists in the Southern House Mosquito (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2018, 55, 1170-1181.	0.9	4
184	Preterm infants have distinct microbiomes not explained by mode of delivery, breastfeeding duration or antibiotic exposure. <i>International Journal of Epidemiology</i> , 2018, 47, 1658-1669.	0.9	61
185	Citric acid as a functional supplement in diets for juvenile turbot, <i>Scophthalmus maximus</i> L.: Effects on phosphorus discharge, growth performance, and intestinal health. <i>Aquaculture</i> , 2018, 495, 643-653.	1.7	25
186	Response of Aquatic Bacterial Communities to Hydraulic Fracturing in Northwestern Pennsylvania: A Five-Year Study. <i>Scientific Reports</i> , 2018, 8, 5683.	1.6	29
187	Delayed gut microbiota development in high-risk for asthma infants is temporarily modifiable by <i>Lactobacillus</i> supplementation. <i>Nature Communications</i> , 2018, 9, 707.	5.8	158
188	Ectoparasite Activity During Incubation Increases Microbial Growth on Avian Eggs. <i>Microbial Ecology</i> , 2018, 76, 555-564.	1.4	12
189	Evaluation of the prebiotic potential of five kiwifruit cultivars after simulated gastrointestinal digestion and fermentation with human faecal bacteria. <i>International Journal of Food Science and Technology</i> , 2018, 53, 1203-1210.	1.3	18
190	Condensed Tannins Affect Bacterial and Fungal Microbiomes and Mycotoxin Production during Ensilage and upon Aerobic Exposure. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	46
191	Dysbiosis-Associated Change in Host Metabolism Generates Lactate to Support <i>Salmonella</i> Growth. <i>Cell Host and Microbe</i> , 2018, 23, 54-64.e6.	5.1	154
192	Shifts in spinach microbial communities after chlorine washing and storage at compliant and abusive temperatures. <i>Food Microbiology</i> , 2018, 73, 73-84.	2.1	50
193	Characterization of microbial community structure and metabolic potential using Illumina MiSeq platform during the black garlic processing. <i>Food Research International</i> , 2018, 106, 428-438.	2.9	30
194	Microbial Communities of High-Elevation Fumaroles, Penitentes, and Dry Tephra "Soils" of the Puna de Atacama Volcanic Zone. <i>Microbial Ecology</i> , 2018, 76, 340-351.	1.4	27
195	The Effect of Vitamin D on Intestinal Inflammation and Faecal Microbiota in Patients with Ulcerative Colitis. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 963-972.	0.6	78
196	A microbiome case-control study of recurrent acute otitis media identified potentially protective bacterial genera. <i>BMC Microbiology</i> , 2018, 18, 13.	1.3	126
197	Effects of fermented milk treatment on microbial population and metabolomic outcomes in a three-stage semi-continuous culture system. <i>Food Chemistry</i> , 2018, 263, 216-224.	4.2	23
198	Convergent shifts in host-associated microbial communities across environmentally elicited phenotypes. <i>Nature Communications</i> , 2018, 9, 952.	5.8	61
199	A Distinctive Urinary Metabolomic Fingerprint Is Linked With Endoscopic Postoperative Disease Recurrence in Crohn's Disease Patients. <i>Inflammatory Bowel Diseases</i> , 2018, 24, 861-870.	0.9	24
200	KatharoSeq Enables High-Throughput Microbiome Analysis from Low-Biomass Samples. <i>MSystems</i> , 2018, 3, .	1.7	123

#	ARTICLE	IF	CITATIONS
201	Lung Microbiota Is Related to Smoking Status and to Development of Acute Respiratory Distress Syndrome in Critically Ill Trauma Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 621-631.	2.5	114
202	Metformin Alters Upper Small Intestinal Microbiota that Impact a Glucose-SGLT1-Sensing Glucoregulatory Pathway. <i>Cell Metabolism</i> , 2018, 27, 101-117.e5.	7.2	187
203	Microbial diversity from chlorophyll maximum, oxygen minimum and bottom zones in the southwestern Atlantic Ocean. <i>Journal of Marine Systems</i> , 2018, 178, 52-61.	0.9	13
204	Diazotroph Community Characterization via a High-Throughput Amplicon Sequencing and Analysis Pipeline. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	78
205	Effect of partially replacing a barley-based concentrate with flaxseed-based products on the rumen bacterial population of lactating Holstein dairy cows. <i>Journal of Applied Microbiology</i> , 2018, 124, 42-57.	1.4	13
206	Analysis of Bacterial and Fungal Nucleic Acid in Canine Sterile Granulomatous and Pyogranulomatous Dermatitis and Panniculitis. <i>Veterinary Pathology</i> , 2018, 55, 124-132.	0.8	7
207	Effect of vacuum and modified atmosphere packaging on the microbiological, chemical and sensory properties of tropical red drum (<i>Sciaenops ocellatus</i>) fillets stored at 4 A°C. <i>International Journal of Food Microbiology</i> , 2018, 266, 31-41.	2.1	45
208	Exercise Alters Gut Microbiota Composition and Function in Lean and Obese Humans. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 747-757.	0.2	490
209	Microbiota associated with tubes of <i>Escarpia</i> sp. from cold seeps in the southwestern Atlantic Ocean constitutes a community distinct from that of surrounding marine sediment and water. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 533-550.	0.7	21
210	Quantitative Genetics of the Maize Leaf Microbiome. <i>Phytobiomes Journal</i> , 2018, 2, 208-224.	1.4	110
211	Characterization of the Microbiota in Air- or Vacuum-Packed Crisp Grass Carp (<i>Ctenopharyngodon</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Sequencing. <i>Journal of Food Protection</i> , 2018, 81, 1022-1029.	0.8	6
212	Dynamics and Functional Potential of Stormwater Microorganisms Colonizing Sand Filters. <i>Water (Switzerland)</i> , 2018, 10, 1065.	1.2	9
213	Cigarette Smoking Modulation of Saliva Microbial Composition and Cytokine Levels. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2479.	1.2	37
214	The murine vaginal microbiota and its perturbation by the human pathogen group B <i>Streptococcus</i> . <i>BMC Microbiology</i> , 2018, 18, 197.	1.3	52
215	The Effect of Dietary Mushroom <i>Agaricus bisporus</i> on Intestinal Microbiota Composition and Host Immunological Function. <i>Nutrients</i> , 2018, 10, 1721.	1.7	28
216	High-Throughput Miniaturized 16S rRNA Amplicon Library Preparation Reduces Costs while Preserving Microbiome Integrity. <i>MSystems</i> , 2018, 3, .	1.7	58
217	Bacterial microbiome of the chigger mite <i>Leptotrombidium imphalum</i> varies by life stage and infection with the scrub typhus pathogen <i>Orientia tsutsugamushi</i> . <i>PLoS ONE</i> , 2018, 13, e0208327.	1.1	16
218	Comparison of the nasopharynx microbiome between influenza and non-influenza cases of severe acute respiratory infections: A pilot study. <i>Health Science Reports</i> , 2018, 1, e47.	0.6	22

#	ARTICLE	IF	CITATIONS
219	Assessing Metagenomic Signals Recovered from Lyuba, a 42,000-Year-Old Permafrost-Preserved Woolly Mammoth Calf. <i>Genes</i> , 2018, 9, 436.	1.0	30
220	Methods and Strategies to Examine the Human Breastmilk Microbiome. <i>Methods in Molecular Biology</i> , 2018, 1849, 63-86.	0.4	15
221	Novel association of <i>Psychrobacter</i> and <i>Pseudomonas</i> with malodour in bloodhound dogs, and the effects of a topical product composed of essential oils and plant-derived essential fatty acids in a randomized, blinded, placebo-controlled study. <i>Veterinary Dermatology</i> , 2018, 29, 465.	0.4	19
222	Foliar application of Fe resonates to the belowground rhizosphere microbiome in Andean landrace potatoes. <i>Applied Soil Ecology</i> , 2018, 131, 89-98.	2.1	8
223	Qiita: rapid, web-enabled microbiome meta-analysis. <i>Nature Methods</i> , 2018, 15, 796-798.	9.0	459
224	First insight into microbiome profile of fungivorous thrips <i>Hoplothrips carpathicus</i> (Insecta: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj). <i>Scientific Reports</i> , 2018, 8, 14376.	1.6	24
225	Seasonal and Sexual Differences in the Microbiota of the Hoopoe Uropygial Secretion. <i>Genes</i> , 2018, 9, 407.	1.0	19
226	An assessment of the microbial community in an urban fringing tidal marsh with an emphasis on petroleum hydrocarbon degradative genes. <i>Marine Pollution Bulletin</i> , 2018, 136, 351-364.	2.3	4
227	Processing a 16S rRNA Sequencing Dataset with the Microbiome Helper Workflow. <i>Methods in Molecular Biology</i> , 2018, 1849, 131-141.	0.4	5
228	Microbiota and Derived Parameters in Fecal Samples of Infants with Non-IgE Cow's Milk Protein Allergy under a Restricted Diet. <i>Nutrients</i> , 2018, 10, 1481.	1.7	40
229	Differential Activation of Hepatic Invariant NKT Cell Subsets Plays a Key Role in Progression of Nonalcoholic Steatohepatitis. <i>Journal of Immunology</i> , 2018, 201, 3017-3035.	0.4	69
230	The gut microbiome participates in transgenerational inheritance of low-temperature responses in <i>Drosophila melanogaster</i> . <i>FEBS Letters</i> , 2018, 592, 4078-4086.	1.3	23
231	<i>Toxoplasma gondii</i> infection triggers chronic cachexia and sustained commensal dysbiosis in mice. <i>PLoS ONE</i> , 2018, 13, e0204895.	1.1	41
232	Increased transferrin saturation is associated with subgingival microbiota dysbiosis and severe periodontitis in genetic haemochromatosis. <i>Scientific Reports</i> , 2018, 8, 15532.	1.6	19
233	Diet-induced shifts in the crown-of-thorns (<i>Acanthaster</i> sp.) larval microbiome. <i>Marine Biology</i> , 2018, 165, 1.	0.7	28
234	Microbes in Marcellus Shale: Extremophiles living more than two kilometers inside the Earth?. <i>Fuel</i> , 2018, 234, 1205-1211.	3.4	3
235	Microbial effects of livestock manure fertilization on freshwater aquaculture ponds rearing tilapia (<i>Oreochromis shiranus</i>) and North African catfish (<i>Clarias gariepinus</i>). <i>MicrobiologyOpen</i> , 2018, 7, e00716.	1.2	23
236	Influence of Altered Microbes on Soil Organic Carbon Availability in Karst Agricultural Soils Contaminated by Pb-Zn Tailings. <i>Frontiers in Microbiology</i> , 2018, 9, 2062.	1.5	8

#	ARTICLE	IF	CITATIONS
237	Development and characterization of stable anaerobic thermophilic methanogenic microbiomes fermenting switchgrass at decreasing residence times. <i>Biotechnology for Biofuels</i> , 2018, 11, 243.	6.2	37
238	Autophagy proteins suppress protective type I interferon signalling in response to the murine gut microbiota. <i>Nature Microbiology</i> , 2018, 3, 1131-1141.	5.9	70
239	Differential metabolic effects of oral butyrate treatment in lean versus metabolic syndrome subjects. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e155.	1.3	123
240	American Gut: an Open Platform for Citizen Science Microbiome Research. <i>MSystems</i> , 2018, 3, .	1.7	604
241	Best practices for analysing microbiomes. <i>Nature Reviews Microbiology</i> , 2018, 16, 410-422.	13.6	1,138
242	PBDEs Altered Gut Microbiome and Bile Acid Homeostasis in Male C57BL/6 Mice. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1226-1240.	1.7	63
243	Multiple effects of secondary metabolites on amino acid cycling in white clover rhizosphere. <i>Soil Biology and Biochemistry</i> , 2018, 123, 54-63.	4.2	30
244	Limited influence of hospital wastewater on the microbiome and resistome of wastewater in a community sewerage system. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	72
245	Meta-genomics study among four contact lens wearers from India. <i>Gene Reports</i> , 2018, 12, 208-217.	0.4	1
246	ITS2 metabarcoding analysis complements lichen mycobiome diversity data. <i>Mycological Progress</i> , 2018, 17, 1049-1066.	0.5	46
247	Pea-protein alginate encapsulation adversely affects development of clinical signs of <i>Citrobacter rodentium</i> -induced colitis in mice treated with probiotics. <i>Canadian Journal of Microbiology</i> , 2018, 64, 744-760.	0.8	5
248	The effect of biogenic and chemically manufactured silver nanoparticles on the benthic bacterial communities in river sediments. <i>Science of the Total Environment</i> , 2018, 644, 1380-1390.	3.9	20
249	Short-chain fatty acids: microbial metabolites that alleviate stress-induced brain-gut axis alterations. <i>Journal of Physiology</i> , 2018, 596, 4923-4944.	1.3	460
250	WHAM!: a web-based visualization suite for user-defined analysis of metagenomic shotgun sequencing data. <i>BMC Genomics</i> , 2018, 19, 493.	1.2	11
251	Are microbiome studies ready for hypothesis-driven research?. <i>Current Opinion in Microbiology</i> , 2018, 44, 61-69.	2.3	27
252	Bioavailability of Isoflavone Metabolites After Korean Fermented Soybean Paste (<i>Doenjang</i>) Ingestion in Estrogen-Deficient Rats. <i>Journal of Food Science</i> , 2018, 83, 2212-2221.	1.5	13
253	Updating <i>Plakobranthus</i> cf. <i>ianthobapsus</i> (Gastropoda, Sacoglossa) host use: Diverse algal-animal interactions revealed by NGS with implications for invasive species management. <i>Molecular Phylogenetics and Evolution</i> , 2018, 128, 172-181.	1.2	16
254	A Gut Commensal-Produced Metabolite Mediates Colonization Resistance to <i>Salmonella</i> Infection. <i>Cell Host and Microbe</i> , 2018, 24, 296-307.e7.	5.1	329

#	ARTICLE	IF	CITATIONS
255	Sinus Microanatomy and Microbiota in a Rabbit Model of Rhinosinusitis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 540.	1.8	31
256	BURRITO: An Interactive Multi-Omic Tool for Visualizing Taxa-Function Relationships in Microbiome Data. <i>Frontiers in Microbiology</i> , 2018, 9, 365.	1.5	88
257	Lactobacilli Are Prominent Members of the Microbiota Involved in the Ruminal Digestion of Barley and Corn. <i>Frontiers in Microbiology</i> , 2018, 9, 718.	1.5	32
258	Oral Delivery of Nisin in Resistant Starch Based Matrices Alters the Gut Microbiota in Mice. <i>Frontiers in Microbiology</i> , 2018, 9, 1186.	1.5	36
259	Characterization of a Microbial Consortium for the Bioremoval of Polycyclic Aromatic Hydrocarbons (PAHs) in Water. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 975.	1.2	20
260	Influence of Intestinal Indigenous Microbiota on Intrafamilial Infection by <i>Helicobacter pylori</i> in Japan. <i>Frontiers in Immunology</i> , 2018, 9, 287.	2.2	17
261	Apple endophytic microbiota of different rootstock/scion combinations suggests a genotype-specific influence. <i>Microbiome</i> , 2018, 6, 18.	4.9	155
262	The microbiome of <i>Haemaphysalis lemuris</i> (Acari: Ixodidae), a possible vector of pathogens of endangered lemur species in Madagascar. <i>Ticks and Tick-borne Diseases</i> , 2018, 9, 1252-1260.	1.1	15
263	Bacterial biogeography of adult airways in atopic asthma. <i>Microbiome</i> , 2018, 6, 104.	4.9	93
264	Bacterial Biomarkers of Marcellus Shale Activity in Pennsylvania. <i>Frontiers in Microbiology</i> , 2018, 9, 1697.	1.5	11
265	Microbiome of a revegetated iron-mining site and pristine ecosystems from the Brazilian Cerrado. <i>Applied Soil Ecology</i> , 2018, 131, 55-65.	2.1	21
266	Increased gut permeability in cancer cachexia: mechanisms and clinical relevance. <i>Oncotarget</i> , 2018, 9, 18224-18238.	0.8	90
267	Postnatal colonization with human "infant-type" <i>Bifidobacterium</i> species alters behavior of adult gnotobiotic mice. <i>PLoS ONE</i> , 2018, 13, e0196510.	1.1	66
268	Composition and richness of the serum microbiome differ by age and link to systemic inflammation. <i>GeroScience</i> , 2018, 40, 257-268.	2.1	63
269	Deciphering the Rhizosphere and Geocaulosphere Microbiomes of Potato Following Inoculation with the Biocontrol Agent <i>Pseudomonas fluorescens</i> Strain LBUM223. <i>Phytobiomes Journal</i> , 2018, 2, 92-99.	1.4	27
270	Seasonal shifts in the insect gut microbiome are concurrent with changes in cold tolerance and immunity. <i>Functional Ecology</i> , 2018, 32, 2357-2368.	1.7	105
271	Intermittent Hypoxia and Hypercapnia, a Hallmark of Obstructive Sleep Apnea, Alters the Gut Microbiome and Metabolome. <i>MSystems</i> , 2018, 3, .	1.7	96
272	Impact of Gut Microbiota and Diet on the Development of Atherosclerosis in <i>Apoe</i> Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2318-2326.	1.1	123

#	ARTICLE	IF	CITATIONS
273	A seasonal study of a passive abandoned coalmine drainage remediation system reveals three distinct zones of contaminant levels and microbial communities. <i>MicrobiologyOpen</i> , 2018, 7, e00585.	1.2	3
274	Evaluation of milk sample fractions for characterization of milk microbiota from healthy and clinical mastitis cows. <i>PLoS ONE</i> , 2018, 13, e0193671.	1.1	54
275	<i>Helicobacter pylori</i> eradication with bismuth quadruple therapy leads to dysbiosis of gut microbiota with an increased relative abundance of Proteobacteria and decreased relative abundances of Bacteroidetes and Actinobacteria. <i>Helicobacter</i> , 2018, 23, e12498.	1.6	66
276	The dynamic changes of chemical components and microbiota during the natural fermentation process in Da-Jiang, a Chinese popular traditional fermented condiment. <i>Food Research International</i> , 2018, 112, 457-467.	2.9	62
277	Dose-interval study of a dual probiotic in preterm infants. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F159-F164.	1.4	15
278	Defective IgA response to atypical intestinal commensals in IL-21 receptor deficiency reshapes immune cell homeostasis and mucosal immunity. <i>Mucosal Immunology</i> , 2019, 12, 85-96.	2.7	30
279	Metagenomics analysis reveals significant modulation of cecal microbiota of broilers fed palm kernel expeller diets. <i>Poultry Science</i> , 2019, 98, 56-68.	1.5	10
280	Initial description of the core ocular surface microbiome in dogs: Bacterial community diversity and composition in a defined canine population. <i>Veterinary Ophthalmology</i> , 2019, 22, 337-344.	0.6	29
281	Evolutionary trends in host physiology outweigh dietary niche in structuring primate gut microbiomes. <i>ISME Journal</i> , 2019, 13, 576-587.	4.4	236
282	Distinct microbial communities that differ by race, stage, or breast-tumor subtype in breast tissues of non-Hispanic Black and non-Hispanic White women. <i>Scientific Reports</i> , 2019, 9, 11940.	1.6	63
283	Soil-plant compartments affect fungal microbiome diversity and composition in grapevine. <i>Fungal Ecology</i> , 2019, 41, 234-244.	0.7	85
284	Gut-associated IgA+ immune cells regulate obesity-related insulin resistance. <i>Nature Communications</i> , 2019, 10, 3650.	5.8	131
285	Diversity and structure of the bacterial microbiome of the American dog tick, <i>Dermacentor variabilis</i> , is dominated by the endosymbiont <i>Francisella</i> . <i>Symbiosis</i> , 2019, 79, 239-250.	1.2	20
286	Microbial Transformations of Organically Fermented Foods. <i>Metabolites</i> , 2019, 9, 165.	1.3	20
287	Editing of the gut microbiota reduces carcinogenesis in mouse models of colitis-associated colorectal cancer. <i>Journal of Experimental Medicine</i> , 2019, 216, 2378-2393.	4.2	88
288	VOLARE: visual analysis of disease-associated microbiome-immune system interplay. <i>BMC Bioinformatics</i> , 2019, 20, 432.	1.2	6
289	Analysis of the microbiota involved in the early changes associated with indigo reduction in the natural fermentation of indigo. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 123.	1.7	12
290	The Seasonal Dynamics and the Influence of Human Activities on Campus Outdoor Microbial Communities. <i>Frontiers in Microbiology</i> , 2019, 10, 1579.	1.5	7

#	ARTICLE	IF	CITATIONS
291	Deciphering Microbiome Related to Rusty Roots of <i>Panax ginseng</i> and Evaluation of Antagonists Against Pathogenic <i>Ilyonectria</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1350.	1.5	34
292	Identification of methanogenesis and syntrophy as important microbial metabolic processes for optimal thermophilic anaerobic digestion of energy cane thin stillage. <i>Bioresource Technology Reports</i> , 2019, 7, 100254.	1.5	17
294	Pathogenic Autoreactive T and B Cells Cross-React with Mimotopes Expressed by a Common Human Gut Commensal to Trigger Autoimmunity. <i>Cell Host and Microbe</i> , 2019, 26, 100-113.e8.	5.1	109
295	Influence of Dietary Supplementation of Probiotic <i>Pediococcus acidilactici</i> MA18/5M During the Transition From Freshwater to Seawater on Intestinal Health and Microbiota of Atlantic Salmon (<i>Salmo salar</i> L.). <i>Frontiers in Microbiology</i> , 2019, 10, 2243.	1.5	45
296	Characterization of Microbial Communities Populating the Inflorescences of <i>Humulus lupulus</i> L.. <i>Journal of the American Society of Brewing Chemists</i> , 2019, 77, 243-250.	0.8	7
297	Host-Microbial Interactions in Systemic Lupus Erythematosus and Periodontitis. <i>Frontiers in Immunology</i> , 2019, 10, 2602.	2.2	32
298	Learning representations of microbe-metabolite interactions. <i>Nature Methods</i> , 2019, 16, 1306-1314.	9.0	184
299	An Association of Gut Microbiota with Different Phenotypes in Chinese Patients with Rheumatoid Arthritis. <i>Journal of Clinical Medicine</i> , 2019, 8, 1770.	1.0	68
300	Molecular and Microbial Microenvironments in Chronically Diseased Lungs Associated with Cystic Fibrosis. <i>MSystems</i> , 2019, 4, .	1.7	23
301	Local immune and microbiological responses to mucosal administration of a Liposome-TLR agonist immunotherapeutic in dogs. <i>BMC Veterinary Research</i> , 2019, 15, 330.	0.7	16
302	The subgingival microbial community of feline periodontitis and gingivostomatitis: characterization and comparison between diseased and healthy cats. <i>Scientific Reports</i> , 2019, 9, 12340.	1.6	30
303	Integrated Meta-omics Reveals a Fungus-Associated Bacteriome and Distinct Functional Pathways in <i>Clostridioides difficile</i> Infection. <i>MSphere</i> , 2019, 4, .	1.3	28
304	Surface Water Microbial Community Response to the Biocide 2,2-Dibromo-3-Nitrilopropionamide, Used in Unconventional Oil and Gas Extraction. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	12
305	Gut microbiota features associated with <i>Clostridioides difficile</i> colonization in puppies. <i>PLoS ONE</i> , 2019, 14, e0215497.	1.1	15
306	Effects of Regular Kefir Consumption on Gut Microbiota in Patients with Metabolic Syndrome: A Parallel-Group, Randomized, Controlled Study. <i>Nutrients</i> , 2019, 11, 2089.	1.7	77
307	Meta-taxonomic analysis of prokaryotic and eukaryotic gut flora in stool samples from visceral leishmaniasis cases and endemic controls in Bihar State India. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007444.	1.3	37
308	New and Preliminary Evidence on Altered Oral and Gut Microbiota in Individuals with Autism Spectrum Disorder (ASD): Implications for ASD Diagnosis and Subtyping Based on Microbial Biomarkers. <i>Nutrients</i> , 2019, 11, 2128.	1.7	87
309	Colonization by <i>B. infantis</i> EVC001 modulates enteric inflammation in exclusively breastfed infants. <i>Pediatric Research</i> , 2019, 86, 749-757.	1.1	78

#	ARTICLE	IF	CITATIONS
310	Comparison of the microbial composition of African fermented foods using amplicon sequencing. <i>Scientific Reports</i> , 2019, 9, 13863.	1.6	49
311	Fecal Microbiota of Toxigenic <i>Clostridioides difficile</i> -Associated Diarrhea. <i>Frontiers in Microbiology</i> , 2018, 9, 3331.	1.5	30
312	Effects of Dietary Supplementation With <i>Enterococcus faecium</i> and <i>Clostridium butyricum</i> , Either Alone or in Combination, on Growth and Fecal Microbiota Composition of Post-weaning Pigs at a Commercial Farm. <i>Frontiers in Veterinary Science</i> , 2019, 6, 26.	0.9	33
313	Comparative study of vulva and abdominal skin microbiota of healthy females with high and average BMI. <i>BMC Microbiology</i> , 2019, 19, 16.	1.3	20
314	Impact of <i>Saccharomyces cerevisiae</i> and <i>Lactobacillus buchneri</i> on microbial communities during ensiling and aerobic spoilage of corn silage1. <i>Journal of Animal Science</i> , 2019, 97, 1273-1285.	0.2	38
315	Comparison of Bacterial Populations in the Ceca of Swine at Two Different Stages and Their Functional Annotations. <i>Genes</i> , 2019, 10, 382.	1.0	13
316	Quantitative and qualitative evaluation of the impact of the G2 enhancer, bead sizes and lysing tubes on the bacterial community composition during DNA extraction from recalcitrant soil core samples based on community sequencing and qPCR. <i>PLoS ONE</i> , 2019, 14, e0200979.	1.1	34
317	Exploring the Hospital Microbiome by High-Resolution 16S rRNA Profiling. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3099.	1.8	37
318	Specific inhibitors of lysozyme and peptidases inhibit the growth of the rumen protozoan <i>Entodinium caudatum</i> without decreasing feed digestion or fermentation <i>in vitro</i> . <i>Journal of Applied Microbiology</i> , 2019, 127, 670-682.	1.4	15
319	IFN-I and IL-22 mediate protective effects of intestinal viral infection. <i>Nature Microbiology</i> , 2019, 4, 1737-1749.	5.9	74
320	The Fungal and Bacterial Rhizosphere Microbiome Associated With Grapevine Rootstock Genotypes in Mature and Young Vineyards. <i>Frontiers in Microbiology</i> , 2019, 10, 1142.	1.5	123
321	Human Gut Microbiota from Autism Spectrum Disorder Promote Behavioral Symptoms in Mice. <i>Cell</i> , 2019, 177, 1600-1618.e17.	13.5	701
322	Is there convergence of gut microbes in blood-feeding vertebrates?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180249.	1.8	21
323	Bovine milk microbiome: a more complex issue than expected. <i>Veterinary Research</i> , 2019, 50, 44.	1.1	67
324	Egg Production in Poultry Farming Is Improved by Probiotic Bacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 1042.	1.5	32
325	The impact of skin care products on skin chemistry and microbiome dynamics. <i>BMC Biology</i> , 2019, 17, 47.	1.7	101
326	Short-term and long-term impacts of <i>Helicobacter pylori</i> eradication with reverse hybrid therapy on the gut microbiota. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2019, 34, 1968-1976.	1.4	39
327	Spatial and temporal dynamics of bacterioplankton community composition in a subtropical dammed karst river of southwestern China. <i>MicrobiologyOpen</i> , 2019, 8, e00849.	1.2	22

#	ARTICLE	IF	CITATIONS
328	Differential Effects of Bacitracin Methylene Disalicylate (BMD) on the Distal Colon and Cecal Microbiota of Young Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2019, 6, 114.	0.9	36
329	Identification of the Bacterial Biosynthetic Gene Clusters of the Oral Microbiome Illuminates the Unexplored Social Language of Bacteria during Health and Disease. <i>MBio</i> , 2019, 10, .	1.8	73
330	Autoinducer-2-mediated quorum sensing partially regulates the toxic shock response of anaerobic digestion. <i>Water Research</i> , 2019, 158, 94-105.	5.3	34
331	Microbiomes in Ground Water and Alternative Irrigation Water, and Spinach Microbiomes Impacted by Irrigation with Different Types of Water. <i>Phytobiomes Journal</i> , 2019, 3, 137-147.	1.4	17
332	Different response of bacteria, archaea and fungi to process parameters in nine full-scale anaerobic digesters. <i>Microbial Biotechnology</i> , 2019, 12, 1210-1225.	2.0	23
333	Agricultural Risk Factors Influence Microbial Ecology in Honghu Lake. <i>Genomics, Proteomics and Bioinformatics</i> , 2019, 17, 76-90.	3.0	31
334	Calour: an Interactive, Microbe-Centric Analysis Tool. <i>MSystems</i> , 2019, 4, .	1.7	28
335	The <i>Bos taurus</i> maternal microbiome: Role in determining the progeny early-life upper respiratory tract microbiome and health. <i>PLoS ONE</i> , 2019, 14, e0208014.	1.1	31
336	Production of Naturally β -Aminobutyric Acid-Enriched Cheese Using the Dairy Strains <i>Streptococcus thermophilus</i> 84C and <i>Lactobacillus brevis</i> DSM 32386. <i>Frontiers in Microbiology</i> , 2019, 10, 93.	1.5	29
337	Microbial shifts in Minas artisanal cheeses from the Serra do Salitre region of Minas Gerais, Brazil throughout ripening time. <i>Food Microbiology</i> , 2019, 82, 349-362.	2.1	32
338	Exploring the Brine Microbiota of a Traditional Norwegian Fermented Fish Product (Rakfisk) from Six Different Producers during Two Consecutive Seasonal Productions. <i>Foods</i> , 2019, 8, 72.	1.9	20
339	Gut microbiota in HIV ⁺ pneumonia patients is related to peripheral CD4 counts, lung microbiota, and in vitro macrophage dysfunction. <i>Microbiome</i> , 2019, 7, 37.	4.9	25
340	The fecal, oral, and skin microbiota of children with Chagas disease treated with benznidazole. <i>PLoS ONE</i> , 2019, 14, e0212593.	1.1	21
341	Potential Functions of the Gastrointestinal Microbiome Inhabiting the Length of the Rat Digest Tract. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1232.	1.8	4
342	Characterization of the total and viable bacterial and fungal communities associated with the International Space Station surfaces. <i>Microbiome</i> , 2019, 7, 50.	4.9	158
343	Domestic canines do not display evidence of gut microbial dysbiosis in the presence of <i>Clostridioides (Clostridium) difficile</i> , despite cellular susceptibility to its toxins. <i>Anaerobe</i> , 2019, 58, 53-72.	1.0	20
344	Anadromous Arctic Char Microbiomes: Bioprospecting in the High Arctic. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 32.	2.0	22
345	Diurnal Temperature Variation and Plants Drive Latitudinal Patterns in Seasonal Dynamics of Soil Microbial Community. <i>Frontiers in Microbiology</i> , 2019, 10, 674.	1.5	27

#	ARTICLE	IF	CITATIONS
346	Recovery of Benthic Microalgal Biomass and Community Structure Following Beach Renourishment at Folly Beach, South Carolina. <i>Estuaries and Coasts</i> , 2019, 42, 157-172.	1.0	12
347	Viral complementation of immunodeficiency confers protection against enteric pathogens via interferon- λ . <i>Nature Microbiology</i> , 2019, 4, 1120-1128.	5.9	83
348	Epigenetic Changes in Alveolar Type II Lung Cells of A/J Mice Following Intranasal Treatment with Lipopolysaccharide. <i>Chemical Research in Toxicology</i> , 2019, 32, 831-839.	1.7	7
349	Temperature and soil moisture control microbial community composition in an arctic alpine ecosystem along elevational and micro-topographic gradients. <i>ISME Journal</i> , 2019, 13, 2031-2043.	4.4	115
350	Characterization of whole blood transcriptome and early-life fecal microbiota in high and low responder pigs before, and after vaccination for <i>Mycoplasma hyopneumoniae</i> . <i>Vaccine</i> , 2019, 37, 1743-1755.	1.7	16
351	Compositional Analysis of the Human Microbiome in Cancer Research. <i>Methods in Molecular Biology</i> , 2019, 1928, 299-335.	0.4	2
352	Impact of routine sanitation on the microbiomes in a fresh produce processing facility. <i>International Journal of Food Microbiology</i> , 2019, 294, 31-41.	2.1	22
353	The bacterial aetiology of pleural empyema. A descriptive and comparative metagenomic study. <i>Clinical Microbiology and Infection</i> , 2019, 25, 981-986.	2.8	65
354	Distinct grazing pressure loads generate different impacts on bacterial community in a long-term experiment in Pampa biome. <i>Applied Soil Ecology</i> , 2019, 137, 167-177.	2.1	9
355	Effects of a <i>Saccharomyces cerevisiae</i> fermentation product on liver abscesses, fecal microbiome, and resistome in feedlot cattle raised without antibiotics. <i>Scientific Reports</i> , 2019, 9, 2559.	1.6	41
356	Gut microbiota of the European Brown Hare (<i>Lepus europaeus</i>). <i>Scientific Reports</i> , 2019, 9, 2738.	1.6	14
357	Fecal Components Modulate Human Astrovirus Infectivity in Cells and Reconstituted Intestinal Tissues. <i>MSphere</i> , 2019, 4, .	1.3	12
358	Microbiome profiling of the onion thrips, <i>Thrips tabaci</i> Lindeman (Thysanoptera: Thripidae). <i>PLoS ONE</i> , 2019, 14, e0223281.	1.1	10
359	Rumen Bacteria and Serum Metabolites Predictive of Feed Efficiency Phenotypes in Beef Cattle. <i>Scientific Reports</i> , 2019, 9, 19265.	1.6	34
360	Exogenous and endogenous microbiomes of wild-caught <i>Phormia regina</i> (Diptera: Calliphoridae) flies from a suburban farm by 16S rRNA gene sequencing. <i>Scientific Reports</i> , 2019, 9, 20365.	1.6	21
361	Phylogenomics of 10,575 genomes reveals evolutionary proximity between domains Bacteria and Archaea. <i>Nature Communications</i> , 2019, 10, 5477.	5.8	197
362	Of microbes and mange: consistent changes in the skin microbiome of three canid species infected with <i>Sarcoptes scabiei</i> mites. <i>Parasites and Vectors</i> , 2019, 12, 488.	1.0	26
363	Intestinal Flora Disruption and Novel Biomarkers Associated With Nasopharyngeal Carcinoma. <i>Frontiers in Oncology</i> , 2019, 9, 1346.	1.3	14

#	ARTICLE	IF	CITATIONS
364	Hermetia illucens in diets for zebrafish (Danio rerio): A study of bacterial diversity by using PCR-DGGE and metagenomic sequencing. PLoS ONE, 2019, 14, e0225956.	1.1	30
365	Differences in the intestinal microbiome of healthy children and patients with newly diagnosed Crohn's disease. Scientific Reports, 2019, 9, 18880.	1.6	91
366	Related Enteric Viruses Have Different Requirements for Host Microbiota in Mice. Journal of Virology, 2019, 93, .	1.5	30
367	Microbial fermentation of flaxseed fibers modulates the transcriptome of GPR41-expressing enteroendocrine cells and protects mice against diet-induced obesity. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E453-E463.	1.8	29
368	Trace Evidence Potential in Postmortem Skin Microbiomes: From Death Scene to Morgue. Journal of Forensic Sciences, 2019, 64, 791-798.	0.9	40
369	The microbiome of Escherichia coli and culture-negative nonsevere clinical mastitis: Characterization and associations with linear score and milk production. Journal of Dairy Science, 2019, 102, 578-594.	1.4	12
370	The Influence of Habitat and Phylogeny on the Skin Microbiome of Amphibians in Guatemala and Mexico. Microbial Ecology, 2019, 78, 257-267.	1.4	34
371	Biogeography of thermophiles and predominance of Thermus scotoductus in domestic water heaters. Extremophiles, 2019, 23, 119-132.	0.9	4
372	Effect of Different Soil Phosphate Sources on the Active Bacterial Microbiota Is Greater in the Rhizosphere than in the Endorhiza of Barley (Hordeum vulgare L.). Microbial Ecology, 2019, 77, 689-700.	1.4	14
373	Differences in gut microbiome composition between persons with chronic schizophrenia and healthy comparison subjects. Schizophrenia Research, 2019, 204, 23-29.	1.1	157
374	Computational profiling of the gut-brain axis: microflora dysbiosis insights to neurological disorders. Briefings in Bioinformatics, 2019, 20, 825-841.	3.2	27
375	Midtrimester microbial DNA variations in maternal serum of women who experience spontaneous preterm birth. Journal of Maternal-Fetal and Neonatal Medicine, 2020, 33, 359-367.	0.7	5
376	Does birth mode modify associations of maternal pre-pregnancy BMI and gestational weight gain with the infant gut microbiome?. International Journal of Obesity, 2020, 44, 23-32.	1.6	37
377	Untargeted mass spectrometry-based metabolomics approach unveils molecular changes in raw and processed foods and beverages. Food Chemistry, 2020, 302, 125290.	4.2	52
378	Metabolically and immunologically beneficial impact of extra virgin olive and flaxseed oils on composition of gut microbiota in mice. European Journal of Nutrition, 2020, 59, 2411-2425.	1.8	22
379	Optimization of wastewater treatment processes using molecular bacteriology. Journal of Water Process Engineering, 2020, 33, 101030.	2.6	16
380	The Xylella fastidiosa-Resistant Olive Cultivar 'Leccino' Has Stable Endophytic Microbiota during the Olive Quick Decline Syndrome (OQDS). Pathogens, 2020, 9, 35.	1.2	39
381	Temporal and region-specific effects of sleep fragmentation on gut microbiota and intestinal morphology in Sprague Dawley rats. Gut Microbes, 2020, 11, 706-720.	4.3	29

#	ARTICLE	IF	CITATIONS
382	Microbes Associated With Black Soldier Fly (Diptera: Stratiomiidae) Degradation of Food Waste. <i>Environmental Entomology</i> , 2020, 49, 405-411.	0.7	38
383	A UHPLC-HRMS based metabolomics and chemoinformatics approach to chemically distinguish "super foods"™ from a variety of plant-based foods. <i>Food Chemistry</i> , 2020, 313, 126071.	4.2	18
384	Bioturbation effect of fortified Daqu on microbial community and flavor metabolite in Chinese strong-flavor liquor brewing microecosystem. <i>Food Research International</i> , 2020, 129, 108851.	2.9	86
385	Effect of <i>Streptomyces</i> probiotics on the gut microbiota of <i>Litopenaeus vannamei</i> challenged with <i>Vibrio parahaemolyticus</i> . <i>MicrobiologyOpen</i> , 2020, 9, e967.	1.2	26
386	Environmental Controls on Microbial Diversity in Arctic Lakes of West Greenland. <i>Microbial Ecology</i> , 2020, 80, 60-72.	1.4	9
387	Sampling, analyzing, and integrating microbiome "omics data in a translational clinical setting. , 2020, , 273-279.		0
388	Microbiome convergence following sanitizer treatment and identification of sanitizer resistant species from spinach and lettuce rinse water. <i>International Journal of Food Microbiology</i> , 2020, 318, 108458.	2.1	19
389	Ear mite infection is associated with altered microbial communities in genetically depauperate Santa Catalina Island foxes (<i>Urocyon littoralis catalinae</i>). <i>Molecular Ecology</i> , 2020, 29, 1463-1475.	2.0	17
390	Assessment of bacterial and fungal communities in a full-scale thermophilic sewage sludge composting pile under a semipermeable cover. <i>Bioresource Technology</i> , 2020, 298, 122550.	4.8	46
391	Effects of an <i>Escherichia coli</i> exopolysaccharide on human and mouse gut microbiota in vitro. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 991-999.	3.6	6
392	Investigation of direct and indirect transfer of microbiomes between individuals. <i>Forensic Science International: Genetics</i> , 2020, 45, 102212.	1.6	32
393	Attenuation of immune-mediated bone marrow damage in conventionally housed mice. <i>Molecular Carcinogenesis</i> , 2020, 59, 237-245.	1.3	5
394	The Bacterial Community Associated with the Amarillo Zamorano Maize (<i>Zea mays</i>) Landrace Silage Process. <i>Microorganisms</i> , 2020, 8, 1503.	1.6	7
395	Effects of hybrid, kernel maturity, and storage period on the bacterial community in high-moisture and rehydrated corn grain silages. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126131.	1.2	24
396	Nutrition and the Gut Microbiota in 10- to 18-Month-Old Children Living in Urban Slums of Mumbai, India. <i>MSphere</i> , 2020, 5, .	1.3	20
397	Gut Microbiome Changes in Patients with Active Left-Sided Ulcerative Colitis after Fecal Microbiome Transplantation and Topical 5-aminosalicylic Acid Therapy. <i>Cells</i> , 2020, 9, 2283.	1.8	37
398	Comparison between wet and semi-dry anaerobic biogas diester under thermophilic and mesophilic conditions: Methane productivity and analysis of microbiota. <i>African Journal of Microbiology Research</i> , 2020, 14, 319-331.	0.4	1
399	Spatiotemporal Distribution of the Environmental Microbiota in Food Processing Plants as Impacted by Cleaning and Sanitizing Procedures: the Case of Slaughterhouses and Gaseous Ozone. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	24

#	ARTICLE	IF	CITATIONS
400	Physical Activity Shapes the Intestinal Microbiome and Immunity of Healthy Mice but Has No Protective Effects against Colitis in MUC2 ^{−/−} Mice. <i>MSystems</i> , 2020, 5, .	1.7	13
401	Maternal influences on oral and faecal microbiota maturation in neonatal calves in beef and dairy production systems. <i>Animal Microbiome</i> , 2020, 2, 31.	1.5	22
402	Autoreactivity in naïve human fetal B cells is associated with commensal bacteria recognition. <i>Science</i> , 2020, 369, 320-325.	6.0	29
403	Exploring the Microbiota of East African Indigenous Leafy Greens for Plant Growth, Health, and Resilience. <i>Frontiers in Microbiology</i> , 2020, 11, 585690.	1.5	5
404	FAM3D is essential for colon homeostasis and host defense against inflammation associated carcinogenesis. <i>Nature Communications</i> , 2020, 11, 5912.	5.8	38
405	Adhesive Bacteria in the Terminal Ileum of Children Correlates With Increasing Th17 Cell Activation. <i>Frontiers in Pharmacology</i> , 2020, 11, 588560.	1.6	10
406	Bioaugmented Sand Filter Columns Provide Stable Removal of Pesticide Residue From Membrane Retentate. <i>Frontiers in Water</i> , 2020, 2, .	1.0	4
407	Discovery of Predictors of <i>Mycoplasma hyopneumoniae</i> Vaccine Response Efficiency in Pigs: 16S rRNA Gene Fecal Microbiota Analysis. <i>Microorganisms</i> , 2020, 8, 1151.	1.6	10
408	Comparison of microbiota in the cloaca, colon, and magnum of layer chicken. <i>PLoS ONE</i> , 2020, 15, e0237108.	1.1	11
409	Enhanced biodiversity of gut flora and feed efficiency in pond cultured tilapia under reduced frequency feeding strategies. <i>PLoS ONE</i> , 2020, 15, e0236100.	1.1	16
410	Mapping of host-parasite-microbiome interactions reveals metabolic determinants of tropism and tolerance in Chagas disease. <i>Science Advances</i> , 2020, 6, eaaz2015.	4.7	39
411	The Challenges of Reconstructing Tropical Biodiversity With Sedimentary Ancient DNA: A 2200-Year-Long Metagenomic Record From Bwindi Impenetrable Forest, Uganda. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	23
412	Changes in the vaginal microbiota across a gradient of urbanization. <i>Scientific Reports</i> , 2020, 10, 12487.	1.6	25
413	Oral Microbiome Metabarcoding in Two Invasive Small Mammals from New Zealand. <i>Diversity</i> , 2020, 12, 278.	0.7	2
414	Schizasterid Heart Urchins Host Microorganisms in a Digestive Symbiosis of Mesozoic Origin. <i>Frontiers in Microbiology</i> , 2020, 11, 1697.	1.5	4
415	Effect of Choline Forms and Gut Microbiota Composition on Trimethylamine-N-Oxide Response in Healthy Men. <i>Nutrients</i> , 2020, 12, 2220.	1.7	38
416	High-Throughput, Sequence-Based Analysis of the Microbiota of Greek Kefir Grains from Two Geographic Regions. <i>Food Technology and Biotechnology</i> , 2020, 58, 138-146.	0.9	20
417	Daily Fermented Whey Consumption Alters the Fecal Short-Chain Fatty Acid Profile in Healthy Adults. <i>Frontiers in Nutrition</i> , 2020, 7, 165.	1.6	7

#	ARTICLE	IF	CITATIONS
418	Microbial community successions and their dynamic functions during harmful cyanobacterial blooms in a freshwater lake. <i>Water Research</i> , 2020, 185, 116292.	5.3	53
419	Changes in the core endophytic mycobiome of carrot taproots in response to crop management and genotype. <i>Scientific Reports</i> , 2020, 10, 13685.	1.6	11
420	Mucosal-Associated Microbiota Other Than Luminal Microbiota Has a Close Relationship With Diarrhea-Predominant Irritable Bowel Syndrome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 515614.	1.8	20
421	<i>Cryptosporidium parvum</i> Infection Depletes Butyrate Producer Bacteria in Goat Kid Microbiome. <i>Frontiers in Microbiology</i> , 2020, 11, 548737.	1.5	17
422	Microbiota profile and efficacy of probiotic supplementation on laxation in adults affected by Prader-Willi Syndrome: A randomized, double-blind, crossover trial. <i>Molecular Genetics & Genomic Medicine</i> , 2020, 8, e1535.	0.6	10
423	Oral dysbiosis induced by <i>Porphyromonas gingivalis</i> is strain-dependent in mice. <i>Journal of Oral Microbiology</i> , 2020, 12, 1832837.	1.2	14
424	Understanding the Impact of Cultivar, Seed Origin, and Substrate on Bacterial Diversity of the Sugar Beet Rhizosphere and Suppression of Soil-Borne Pathogens. <i>Frontiers in Plant Science</i> , 2020, 11, 560869.	1.7	27
425	Microbial community dynamics in phyto-thermotherapy baths viewed through next generation sequencing and metabolomics approach. <i>Scientific Reports</i> , 2020, 10, 17931.	1.6	4
426	Sleeve gastrectomy prevents hypertension associated with unique shifts in the gut microbiome. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 5461-5467.	1.3	5
427	Gut Microbiota and Oral Contraceptive Use in Overweight and Obese Patients with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4792-e4800.	1.8	38
428	The <i>Anopheles coluzzii</i> microbiome and its interaction with the intracellular parasite <i>Wolbachia</i> . <i>Scientific Reports</i> , 2020, 10, 13847.	1.6	21
429	Effects of solids retention times on electro-selective fermentation using <i>Scenedesmus acutus</i> biomass. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5352-5360.	2.5	2
430	Presence of <i>Acanthamoeba</i> and diversified bacterial flora in poorly maintained contact lens cases. <i>Scientific Reports</i> , 2020, 10, 12595.	1.6	2
431	Conventional Co-Housing Modulates Murine Gut Microbiota and Hematopoietic Gene Expression. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6143.	1.8	10
432	Physicochemical Factors Affecting Microbiota Dynamics During Traditional Solid-State Fermentation of Chinese Strong-Flavor Baijiu. <i>Frontiers in Microbiology</i> , 2020, 11, 2090.	1.5	41
433	An intact gut microbiome protects genetically predisposed mice against leukemia. <i>Blood</i> , 2020, 136, 2003-2017.	0.6	64
434	ReDU: a framework to find and reanalyze public mass spectrometry data. <i>Nature Methods</i> , 2020, 17, 901-904.	9.0	79
435	Abrupt dietary changes between grass and hay alter faecal microbiota of ponies. <i>PLoS ONE</i> , 2020, 15, e0237869.	1.1	16

#	ARTICLE	IF	CITATIONS
436	Spider phyllosymbiosis: divergence of widow spider species and their tissuesâ€™ microbiomes. <i>BMC Evolutionary Biology</i> , 2020, 20, 104.	3.2	14
437	Feed additives for the control of post-weaning <i>Streptococcus suis</i> disease and the effect on the faecal and nasal microbiota. <i>Scientific Reports</i> , 2020, 10, 20354.	1.6	17
438	Impacts of Citric Acid and Malic Acid on Fermentation Quality and Bacterial Community of Cassava Foliage Silage. <i>Frontiers in Microbiology</i> , 2020, 11, 595622.	1.5	24
439	Structure and predictive metabolic contribution of intestinal microbiota of Longfin yellowtail (<i>Seriola rivoliana</i>) juveniles in aquaculture systems. <i>Molecular Biology Reports</i> , 2020, 47, 9627-9636.	1.0	10
440	Recurrence of primary sclerosing cholangitis after liver transplantation is associated with specific changes in the gut microbiome pretransplant â€” a pilot study. <i>Transplant International</i> , 2020, 33, 1424-1436.	0.8	8
441	Influence of <i>Acacia mangium</i> on Soil Fertility and Bacterial Community in Eucalyptus Plantations in the Congolese Coastal Plains. <i>Sustainability</i> , 2020, 12, 8763.	1.6	13
442	Characterizing the Fungal Microbiome in Date (<i>Phoenix dactylifera</i>) Fruit Pulp and Peel from Early Development to Harvest. <i>Microorganisms</i> , 2020, 8, 641.	1.6	19
443	Seasonality of tropical airborne algae: a 16-month study based on high-throughput sequencing in the Hawaiian Islands. <i>Grana</i> , 2020, 59, 354-365.	0.4	8
444	Reproducible molecular networking of untargeted mass spectrometry data using GNPS. <i>Nature Protocols</i> , 2020, 15, 1954-1991.	5.5	344
445	The Clinical Drug Ebselen Attenuates Inflammation and Promotes Microbiome Recovery in Mice after Antibiotic Treatment for CDI. <i>Cell Reports Medicine</i> , 2020, 1, 100005.	3.3	26
446	<scp></scp> -Arginine sensing regulates virulence gene expression and disease progression in enteric pathogens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12387-12393.	3.3	29
447	Characterization of the microbiota of commercially traded finfish fillets. <i>Food Research International</i> , 2020, 137, 109373.	2.9	14
448	Mollusk microbiota shift during <i>Angiostrongylus cantonensis</i> infection in the freshwater snail <i>Biomphalaria glabrata</i> and the terrestrial slug <i>Phillocaulis soleiformis</i> . <i>Parasitology Research</i> , 2020, 119, 2495-2503.	0.6	12
449	Meta-analysis of bovine respiratory microbiota: link between respiratory microbiota and bovine respiratory health. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	10
450	Temporal, Environmental, and Biological Drivers of the Mucosal Microbiome in a Wild Marine Fish, <i>Scomber japonicus</i> . <i>MSphere</i> , 2020, 5, .	1.3	49
451	Human microbiota-transplanted C57BL/6 mice and offspring display reduced establishment of key bacteria and reduced immune stimulation compared to mouse microbiota-transplantation. <i>Scientific Reports</i> , 2020, 10, 7805.	1.6	36
452	Palmitic acid accumulation limits methane production in anaerobic co-digestion of fats, oils and grease with municipal wastewater sludge. <i>Chemical Engineering Journal</i> , 2020, 396, 125235.	6.6	31
453	Gut Microbiome Critically Impacts PCB-induced Changes in Metabolic Fingerprints and the Hepatic Transcriptome in Mice. <i>Toxicological Sciences</i> , 2020, 177, 168-187.	1.4	19

#	ARTICLE	IF	CITATIONS
454	Microbiota Composition of Breast Milk from Women of Different Ethnicity from the Manawatu-Wanganui Region of New Zealand. <i>Nutrients</i> , 2020, 12, 1756.	1.7	10
455	Coalescence-based species delimitation using genome-wide data reveals hidden diversity in a cosmopolitan group of lichens. <i>Organisms Diversity and Evolution</i> , 2020, 20, 189-218.	0.7	7
456	Changes in the Intestinal Microbiota Are Seen Following Treatment with Infliximab in Children with Crohn's Disease. <i>Journal of Clinical Medicine</i> , 2020, 9, 687.	1.0	17
457	Siboglinidae Tubes as an Additional Niche for Microbial Communities in the Gulf of Aqaba Microscopical Appraisal. <i>Microorganisms</i> , 2020, 8, 367.	1.6	10
458	Comparative analyses of Ion Torrent V4 and Illumina V3-V4 16S rRNA gene metabarcoding methods for characterization of cervical microbiota: taxonomic and functional profiling. <i>Scientific African</i> , 2020, 7, e00278.	0.7	12
459	Carbonate facies-specific stable isotope data record climate, hydrology, and microbial communities in Great Salt Lake, UT. <i>Geobiology</i> , 2020, 18, 566-593.	1.1	27
460	Fungal Dysbiosis and Intestinal Inflammation in Children With Beta-Cell Autoimmunity. <i>Frontiers in Immunology</i> , 2020, 11, 468.	2.2	33
461	Under the Christmas Tree: Belowground Bacterial Associations With <i>Abies nordmanniana</i> Across Production Systems and Plant Development. <i>Frontiers in Microbiology</i> , 2020, 11, 198.	1.5	9
462	Microbiota Stability and Gastrointestinal Tolerance in Response to a High-Protein Diet with and without a Prebiotic, Probiotic, and Synbiotic: A Randomized, Double-Blind, Placebo-Controlled Trial in Older Women. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2020, 120, 500-516.e10.	0.4	39
463	Gut microbiota shifts in the giant tiger shrimp, <i>Penaeus monodon</i> , during the postlarvae, juvenile, and adult stages. <i>Aquaculture International</i> , 2020, 28, 1421-1433.	1.1	22
464	Local Phenomena Shape Backyard Soil Metabolite Composition. <i>Metabolites</i> , 2020, 10, 86.	1.3	10
465	Insights into the gut microbiota of Nigerian elderly with type 2 diabetes and non-diabetic elderly persons. <i>Heliyon</i> , 2020, 6, e03971.	1.4	15
466	What Can the Bacterial Community of <i>Atta sexdens</i> (Linnaeus, 1758) Tell Us about the Habitats in Which This Ant Species Evolves?. <i>Insects</i> , 2020, 11, 332.	1.0	5
467	Correlation between bacterial community structure and performance efficiency of a full-scale wastewater treatment plant. <i>Journal of Water Process Engineering</i> , 2020, 37, 101472.	2.6	42
468	Subspecies Niche Specialization in the Oral Microbiome Is Associated with Nasopharyngeal Carcinoma Risk. <i>MSystems</i> , 2020, 5, .	1.7	21
469	High-Resolution Longitudinal Dynamics of the Cystic Fibrosis Sputum Microbiome and Metabolome through Antibiotic Therapy. <i>MSystems</i> , 2020, 5, .	1.7	47
470	Non-specific protection from respiratory tract infections in cattle generated by intranasal administration of an innate immune stimulant. <i>PLoS ONE</i> , 2020, 15, e0235422.	1.1	9
471	The Liver Microbiome Is Implicated in Cancer Prognosis and Modulated by Alcohol and Hepatitis B. <i>Cancers</i> , 2020, 12, 1642.	1.7	15

#	ARTICLE	IF	CITATIONS
472	Multimodal Approach to Assessment of Fecal Microbiota Donors based on Three Complementary Methods. <i>Journal of Clinical Medicine</i> , 2020, 9, 2036.	1.0	2
473	Patterns of Oral Microbiota Diversity in Adults and Children: A Crowdsourced Population Study. <i>Scientific Reports</i> , 2020, 10, 2133.	1.6	82
474	Combining Citizen Science and Genomics to Investigate Tick, Pathogen, and Commensal Microbiome at Single-Tick Resolution. <i>Frontiers in Genetics</i> , 2020, 10, 1322.	1.1	26
475	First Insight into Microbiome Profiles of Myrmecophilous Beetles and Their Host, Red Wood Ant <i>Formica polyctena</i> (Hymenoptera: Formicidae) – A Case Study. <i>Insects</i> , 2020, 11, 134.	1.0	9
476	Tendentious effects of automated and manual metagenomic DNA purification protocols on broiler gut microbiome taxonomic profiling. <i>Scientific Reports</i> , 2020, 10, 3419.	1.6	19
477	Age-Related Differences in the Gut Microbiome of Rhesus Macaques. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1293-1298.	1.7	31
478	Repeated sleep disruption in mice leads to persistent shifts in the fecal microbiome and metabolome. <i>PLoS ONE</i> , 2020, 15, e0229001.	1.1	56
479	The effect of grazing on the microbiome of two commercially important agarophytes, <i>Gracilaria firma</i> and <i>G. salicornia</i> (Gracilariaceae, Rhodophyta). <i>Journal of Applied Phycology</i> , 2020, 32, 2549-2559.	1.5	9
480	Differing salivary microbiome diversity, community and diurnal rhythmicity in association with affective state and peripheral inflammation in adults. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 591-602.	2.0	11
481	Caries and periodontitis associated bacteria are more abundant in human saliva compared to other great apes. <i>Archives of Oral Biology</i> , 2020, 111, 104648.	0.8	6
482	Atlantic Salmon (<i>Salmo salar</i> L., 1758) Gut Microbiota Profile Correlates with Flesh Pigmentation: Cause or Effect?. <i>Marine Biotechnology</i> , 2020, 22, 786-804.	1.1	24
483	Synbiotics Alter Fecal Microbiomes, But Not Liver Fat or Fibrosis, in a Randomized Trial of Patients With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2020, 158, 1597-1610.e7.	0.6	123
484	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. <i>MBio</i> , 2020, 11, .	1.8	204
485	QIIME 2 Enables Comprehensive End-to-End Analysis of Diverse Microbiome Data and Comparative Studies with Publicly Available Data. <i>Current Protocols in Bioinformatics</i> , 2020, 70, e100.	25.8	212
486	Development but not diet alters microbial communities in the Neotropical arboreal trap jaw ant <i>Daceton armigerum</i> : an exploratory study. <i>Scientific Reports</i> , 2020, 10, 7350.	1.6	13
487	Shift in the cow milk microbiota during alpine pasture as analyzed by culture dependent and high-throughput sequencing techniques. <i>Food Microbiology</i> , 2020, 91, 103504.	2.1	15
488	Reintroducing mothur: 10 Years Later. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	160
489	Consumption of Fermented Foods Is Associated with Systematic Differences in the Gut Microbiome and Metabolome. <i>MSystems</i> , 2020, 5, .	1.7	81

#	ARTICLE	IF	CITATIONS
490	Effect of Supplemental Protease on Growth Performance and Excreta Microbiome of Broiler Chicks. <i>Microorganisms</i> , 2020, 8, 475.	1.6	14
491	The Response of the Soil Microbiota to Long-Term Mineral and Organic Nitrogen Fertilization is Stronger in the Bulk Soil than in the Rhizosphere. <i>Genes</i> , 2020, 11, 456.	1.0	14
492	Stromatolitic digitate sinters form under wide-ranging physicochemical conditions with diverse hot spring microbial communities. <i>Geobiology</i> , 2020, 18, 619-640.	1.1	18
493	Limiting oxidative DNA damage reduces microbe-induced colitis-associated colorectal cancer. <i>Nature Communications</i> , 2020, 11, 1802.	5.8	58
494	Metabolome-Informed Microbiome Analysis Refines Metadata Classifications and Reveals Unexpected Medication Transfer in Captive Cheetahs. <i>MSystems</i> , 2020, 5, .	1.7	12
495	Identification of Gastrointestinal Microbiota in Hawaiian Green Turtles (<i>Chelonia mydas</i>). <i>Evolutionary Bioinformatics</i> , 2020, 16, 117693432091460.	0.6	19
496	The RNA-binding protein tristetraprolin regulates RALDH2 expression by intestinal dendritic cells and controls local Treg homeostasis. <i>Mucosal Immunology</i> , 2021, 14, 80-91.	2.7	4
497	Quantitative profiling of built environment bacterial and fungal communities reveals dynamic material dependent growth patterns and microbial interactions. <i>Indoor Air</i> , 2021, 31, 188-205.	2.0	10
498	Characterization of the bacterial microbiomes of social amoebae and exploration of the roles of host and environment on microbiome composition. <i>Environmental Microbiology</i> , 2021, 23, 126-142.	1.8	14
499	Deep metagenomics examines the oral microbiome during dental caries, revealing novel taxa and co-occurrences with host molecules. <i>Genome Research</i> , 2021, 31, 64-74.	2.4	59
500	Early and differential bacterial colonization on microplastics deployed into the effluents of wastewater treatment plants. <i>Science of the Total Environment</i> , 2021, 757, 143832.	3.9	60
501	Maize endophytic microbial-communities revealed by removing PCR and 16S rRNA sequencing and their synthetic applications to suppress maize banded leaf and sheath blight. <i>Microbiological Research</i> , 2021, 242, 126639.	2.5	17
502	Efficient treatment of a preclinical inflammatory bowel disease model with engineered bacteria. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 20, 218-226.	1.8	11
503	Composition and interaction frequencies in soil bacterial communities change in association with urban park age in Beijing. <i>Pedobiologia</i> , 2021, 84, 150699.	0.5	12
504	Gut microbiome in Schizophrenia: Altered functional pathways related to immune modulation and atherosclerotic risk. <i>Brain, Behavior, and Immunity</i> , 2021, 91, 245-256.	2.0	44
505	The role of the gut microbiome in cancer-related fatigue: pilot study on epigenetic mechanisms. <i>Supportive Care in Cancer</i> , 2021, 29, 3173-3182.	1.0	26
506	High-resolution taxonomic examination of the oral microbiome after oil pulling with standardized sunflower seed oil and healthy participants: a pilot study. <i>Clinical Oral Investigations</i> , 2021, 25, 2689-2703.	1.4	9
507	Wine Terroir and the Soil Bacteria: An Amplicon Sequencing-Based Assessment of the Barossa Valley and Its Sub-Regions. <i>Frontiers in Microbiology</i> , 2020, 11, 597944.	1.5	13

#	ARTICLE	IF	CITATIONS
508	Anthropogenic interferences lead to gut microbiome dysbiosis in Asian elephants and may alter adaptation processes to surrounding environments. <i>Scientific Reports</i> , 2021, 11, 741.	1.6	24
509	Psychological Stress Disrupts Intestinal Epithelial Cell Function and Mucosal Integrity Through Microbe and Host-Directed Processes. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
510	Gut microbiome is affected by inter-sexual and inter-seasonal variation in diet for thick-billed murres (<i>Uria lomvia</i>). <i>Scientific Reports</i> , 2021, 11, 1200.	1.6	40
511	Feasibility of using alternative swabs and storage solutions for paired SARS-CoV-2 detection and microbiome analysis in the hospital environment. <i>Microbiome</i> , 2021, 9, 25.	4.9	13
512	16S rDNA analysis of the intestinal microbes in osteoporotic rats. <i>Bioscience of Microbiota, Food and Health</i> , 2021, 40, 156-167.	0.8	6
513	Aberrant type 1 immunity drives susceptibility to mucosal fungal infections. <i>Science</i> , 2021, 371, .	6.0	84
514	The Gut Microbiota Profile According to Glycemic Control in Type 1 Diabetes Patients Treated with Personal Insulin Pumps. <i>Microorganisms</i> , 2021, 9, 155.	1.6	16
515	Effects of Immunization With the Soil-Derived Bacterium <i>Mycobacterium vaccae</i> on Stress Coping Behaviors and Cognitive Performance in a "Two Hit" Stressor Model. <i>Frontiers in Physiology</i> , 2020, 11, 524833.	1.3	9
516	Valacyclovir protects against non-alcoholic steatohepatitis in mice by modulating the gut microbiota and gut-liver axis activation. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1439-1455.	1.6	11
517	Effects of Citric Acid and <i>Lactobacillus plantarum</i> on Silage Quality and Bacterial Diversity of King Grass Silage. <i>Frontiers in Microbiology</i> , 2021, 12, 631096.	1.5	34
518	Dynamic changes in physico-chemical properties and bacterial community during natural fermentation of tomatoes. <i>Food Science and Technology</i> , 0, 42, .	0.8	4
519	Allium-Based Phytobiotic Enhances Egg Production in Laying Hens through Microbial Composition Changes in Ileum and Cecum. <i>Animals</i> , 2021, 11, 448.	1.0	21
520	Pre-weaning Ruminant Administration of Differentially-Enriched, Rumen-Derived Inocula Shaped Rumen Bacterial Communities and Co-occurrence Networks of Post-weaned Dairy Calves. <i>Frontiers in Microbiology</i> , 2021, 12, 625488.	1.5	9
521	Adults with Prader-Willi syndrome exhibit a unique microbiota profile. <i>BMC Research Notes</i> , 2021, 14, 51.	0.6	4
522	Alpha-Gal Syndrome. <i>Türkiye Kalın Cerrahi Dergisi</i> , 2021, 1, 102-106.	0.1	0
523	Long Term High Protein Diet Feeding Alters the Microbiome and Increases Intestinal Permeability, Systemic Inflammation and Kidney Injury in Mice. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2000851.	1.5	34
524	Characterization of the Oral Microbiome of Medicated Type-2 Diabetes Patients. <i>Frontiers in Microbiology</i> , 2021, 12, 610370.	1.5	19
525	<i>Escherichia coli</i> Exopolysaccharides Induced by Ceftriaxone Regulated Human Gut Microbiota in vitro. <i>Frontiers in Microbiology</i> , 2021, 12, 634204.	1.5	3

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526	Effects of Essential Oils-Based Supplement and Salmonella Infection on Gene Expression, Blood Parameters, Cecal Microbiome, and Egg Production in Laying Hens. <i>Animals</i> , 2021, 11, 360.	1.0	14
527	Assessment of Biological Contribution to Natural Recovery of Anthropized Freshwater Sediments From Argentina: Autochthonous Microbiome Structure and Functional Prediction. <i>Frontiers in Microbiology</i> , 2021, 12, 601705.	1.5	2
528	Changes in the Human Gut Microbiota Associated With Colonization by <i>Blastocystis</i> sp. and <i>Entamoeba</i> spp. in Non-Industrialized Populations. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 533528.	1.8	26
530	Standardization of microbiome studies for urolithiasis: an international consensus agreement. <i>Nature Reviews Urology</i> , 2021, 18, 303-311.	1.9	22
531	Longitudinal metabarcoding analysis of karst bacterioplankton microbiomes provide evidence of epikarst to cave transport and community succession. <i>PeerJ</i> , 2021, 9, e10757.	0.9	9
533	Diet Transition from High-Forage to High-Concentrate Alters Rumen Bacterial Community Composition, Epithelial Transcriptomes and Ruminal Fermentation Parameters in Dairy Cows. <i>Animals</i> , 2021, 11, 838.	1.0	33
534	Evaluation of the gut microbiome in association with biological signatures of inflammation in murine polytrauma and shock. <i>Scientific Reports</i> , 2021, 11, 6665.	1.6	7
536	Allium Extract Implements Weaned Piglet's Productive Parameters by Modulating Distal Gut Microbiota. <i>Antibiotics</i> , 2021, 10, 269.	1.5	14
537	Natural Fermentation Quality and Bacterial Community of 12 <i>Pennisetum sinense</i> Varieties in Southern China. <i>Frontiers in Microbiology</i> , 2021, 12, 627820.	1.5	19
538	Effectiveness of decontamination protocols when analyzing ancient DNA preserved in dental calculus. <i>Scientific Reports</i> , 2021, 11, 7456.	1.6	15
539	Presence of Bromotyrosine Alkaloids in Marine Sponges Is Independent of Metabolomic and Microbiome Architectures. <i>MSystems</i> , 2021, 6, .	1.7	18
540	Fecal Microbiota Perspective for Evaluation of Prebiotic Potential of Bamboo Hemicellulose Hydrolysate in Mice: A Preliminary Study. <i>Microorganisms</i> , 2021, 9, 888.	1.6	3
541	Evaluation of the Effect of Storage Methods on Fecal, Saliva, and Skin Microbiome Composition. <i>MSystems</i> , 2021, 6, .	1.7	22
542	Bacterial Microbiota of Field-Collected <i>Helicoverpa zea</i> (Lepidoptera: Noctuidae) from Transgenic Bt and Non-Bt Cotton. <i>Microorganisms</i> , 2021, 9, 878.	1.6	10
543	Effects of phytonutrient-supplemented diets on the intestinal microbiota of <i>Cyprinus carpio</i> . <i>PLoS ONE</i> , 2021, 16, e0248537.	1.1	10
544	Inter-site and interpersonal diversity of salivary and tongue microbiomes, and the effect of oral care tablets. <i>F1000Research</i> , 2020, 9, 1477.	0.8	5
545	Alterations to the Cardiac Metabolome Induced by Chronic <i>T. cruzi</i> Infection Relate to the Degree of Cardiac Pathology. <i>ACS Infectious Diseases</i> , 2021, 7, 1638-1649.	1.8	17
546	Symbiotic Interaction Enhances the Recovery of Endangered Tree Species in the Fragmented Maulino Forest. <i>Frontiers in Plant Science</i> , 2021, 12, 663017.	1.7	9

#	ARTICLE	IF	CITATIONS
547	Compensatory IgM to the Rescue: Patients with Selective IgA Deficiency Have Increased Natural IgM Antibodies to MAAâ€œLDL and No Changes in Oral Microbiota. <i>ImmunoHorizons</i> , 2021, 5, 170-181.	0.8	2
548	Influence of Intermittent Hypoxia/Hypercapnia on Atherosclerosis, Gut Microbiome, and Metabolome. <i>Frontiers in Physiology</i> , 2021, 12, 663950.	1.3	20
549	EMPress Enables Tree-Guided, Interactive, and Exploratory Analyses of Multi-omic Data Sets. <i>MSystems</i> , 2021, 6, .	1.7	36
550	The Gut Microbiome in Autism: Study-Site Effects and Longitudinal Analysis of Behavior Change. <i>MSystems</i> , 2021, 6, .	1.7	28
552	Microscopic Colitis Patients Possess a Perturbed and Inflammatory Gut Microbiota. <i>Digestive Diseases and Sciences</i> , 2022, 67, 2433-2443.	1.1	13
553	Identifying background microbiomes in an evidence recovery laboratory: A preliminary study. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2021, 61, 280-290.	1.3	4
554	Gut microbiota profiles of young South Indian children: Child sex-specific relations with growth. <i>PLoS ONE</i> , 2021, 16, e0251803.	1.1	6
555	Eukaryotic Biodiversity and Spatial Patterns in the Clarion-Clipperton Zone and Other Abyssal Regions: Insights From Sediment DNA and RNA Metabarcoding. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	33
556	Analysis of microbiota in the stomach and midgut of two penaeid shrimps during probiotic feeding. <i>Scientific Reports</i> , 2021, 11, 9936.	1.6	19
557	Dysregulation of Glycerophosphocholines in the Cutaneous Lesion Caused by <i>Leishmania major</i> in Experimental Murine Models. <i>Pathogens</i> , 2021, 10, 593.	1.2	7
558	Melatonin Is a Promising Silage Additive: Evidence From Microbiota and Metabolites. <i>Frontiers in Microbiology</i> , 2021, 12, 670764.	1.5	7
559	Characterization of the cutaneous mycobiota in Persian cats with severe dermatophytosis. <i>Veterinary Dermatology</i> , 2021, 32, 319.	0.4	1
561	Gut Microbiome Changes with Acute Diarrheal Disease in Urban Versus Rural Settings in Northern Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 2275-2285.	0.6	7
562	Sow Contact Is a Major Driver in the Development of the Nasal Microbiota of Piglets. <i>Pathogens</i> , 2021, 10, 697.	1.2	12
563	Fecal microbiome alterations in pediatric patients with short bowel syndrome receiving a rotating cycle of gastrointestinal prophylactic antibiotics. <i>Pediatric Surgery International</i> , 2021, 37, 1371-1381.	0.6	6
564	Microbial exposure during early human development primes fetal immune cells. <i>Cell</i> , 2021, 184, 3394-3409.e20.	13.5	141
565	Interactive exploratory data analysis of Integrative Human Microbiome Project data using Metaviz. <i>F1000Research</i> , 2020, 9, 601.	0.8	0
568	Social environment and genetics underlie body siteâ€œspecific microbiomes of Yellowstone National Park gray wolves (<i>Canis lupus</i>). <i>Ecology and Evolution</i> , 2021, 11, 9472-9488.	0.8	10

#	ARTICLE	IF	CITATIONS
569	Massive Survey on Bacterial Bacteriophages Biodiversity and Quality of Natural Whey Starter Cultures in Trentingrana Cheese Production. <i>Frontiers in Microbiology</i> , 2021, 12, 678012.	1.5	6
570	Unveiling the Fecal Microbiota in Two Captive Mexican Wolf (<i>Canis lupus baileyi</i>) Populations Receiving Different Type of Diets. <i>Biology</i> , 2021, 10, 637.	1.3	3
571	Gut Microbiota Regulates the Interaction between Diet and Genetics to Influence Glucose Tolerance. <i>Medicines (Basel, Switzerland)</i> , 2021, 8, 34.	0.7	4
572	Commercial Organic Versus Conventional Whole Rye and Wheat Flours for Making Sourdough Bread: Safety, Nutritional, and Sensory Implications. <i>Frontiers in Microbiology</i> , 2021, 12, 674413.	1.5	8
573	Altered oral and gut microbiota and its association with SARS-CoV-2 viral load in COVID-19 patients during hospitalization. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 61.	2.9	121
574	Quick-start infrastructure for untargeted metabolomics analysis in GNPS. <i>Nature Metabolism</i> , 2021, 3, 880-882.	5.1	11
575	The Mechanism Underlying of Long-Term Stable Indigo Reduction State in Indigo Fermentation Using Sukumo (Composted <i>Polygonum tinctorium</i> Leaves). <i>Frontiers in Microbiology</i> , 2021, 12, 698674.	1.5	6
576	Design of Bio-Absorbent Systems for the Removal of Hydrocarbons from Industrial Wastewater: Pilot-Plant Scale. <i>Toxics</i> , 2021, 9, 162.	1.6	1
579	Changes in the Gut Bacteria Composition of Healthy Men with the Same Nutritional Profile Undergoing 10-Week Aerobic Exercise Training: A Randomized Controlled Trial. <i>Nutrients</i> , 2021, 13, 2839.	1.7	17
580	Diverse and active archaea communities occur in non-disinfected drinking water systems Less activity revealed in disinfected and hot water systems. <i>Water Research X</i> , 2021, 12, 100101.	2.8	10
582	Drought Influences Fungal Community Dynamics in the Grapevine Rhizosphere and Root Microbiome. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 686.	1.5	36
583	Seasonal Variation in the Faecal Microbiota of Mature Adult Horses Maintained on Pasture in New Zealand. <i>Animals</i> , 2021, 11, 2300.	1.0	5
584	Maternal cecal microbiota transfer rescues early-life antibiotic-induced enhancement of type 1 diabetes in mice. <i>Cell Host and Microbe</i> , 2021, 29, 1249-1265.e9.	5.1	32
585	Individuals with substance use disorders have a distinct oral microbiome pattern. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 15, 100271.	1.3	11
586	A Pilot Study of Microbial Succession in Human Rib Skeletal Remains during Terrestrial Decomposition. <i>MSphere</i> , 2021, 6, e0045521.	1.3	12
587	The Effect of Common Viral Inactivation Techniques on 16S rRNA Amplicon-Based Analysis of the Gut Microbiota. <i>Microorganisms</i> , 2021, 9, 1755.	1.6	0
588	Characterization of gut microbiome and metabolome in <i>Helicobacter pylori</i> patients in an underprivileged community in the United States. <i>World Journal of Gastroenterology</i> , 2021, 27, 5575-5594.	1.4	16
589	Dynamics of the fecal microbiome and antimicrobial resistome in commercial piglets during the weaning period. <i>Scientific Reports</i> , 2021, 11, 18091.	1.6	5

#	ARTICLE	IF	CITATIONS
590	Cut Microbiome Composition and Metabolic Status Are Differently Affected by Early Exposure to Unhealthy Diets in a Rat Model. <i>Nutrients</i> , 2021, 13, 3236.	1.7	9
591	Analysis of bacterial flora of indigo fermentation fluids utilizing composted indigo leaves (sukumo) and indigo extracted from plants (Ryukyu-ai and Indian indigo). <i>Journal of Bioscience and Bioengineering</i> , 2021, 132, 279-286.	1.1	7
592	Microbiome of the Successful Freshwater Invader, the Signal Crayfish, and Its Changes along the Invasion Range. <i>Microbiology Spectrum</i> , 2021, 9, e0038921.	1.2	11
593	Free threonine in human breast milk is related to infant intestinal microbiota composition. <i>Amino Acids</i> , 2022, 54, 365-383.	1.2	4
594	Characterization of oral and cloacal microbial communities of wild and rehabilitated loggerhead sea turtles (<i>Caretta caretta</i>). <i>Animal Microbiome</i> , 2021, 3, 59.	1.5	11
595	Decreased growth of wild soil microbes after 15 years of transplant-induced warming in a montane meadow. <i>Global Change Biology</i> , 2022, 28, 128-139.	4.2	16
597	Resilience of Faecal Microbiota in Stabled Thoroughbred Horses Following Abrupt Dietary Transition between Freshly Cut Pasture and Three Forage-Based Diets. <i>Animals</i> , 2021, 11, 2611.	1.0	7
598	Dermal Exposure to the Immunomodulatory Antimicrobial Chemical Triclosan Alters the Skin Barrier Integrity and Microbiome in Mice. <i>Toxicological Sciences</i> , 2021, 184, 223-235.	1.4	9
599	Indigofera tinctoria leaf powder as a promising additive to improve indigo fermentation prepared with sukumo (composted Polygonum tinctorium leaves). <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 179.	1.7	4
600	Microbiome Associated with the Mycangia of Female and Male Adults of the Ambrosia Beetle Platypus cylindrus Fab. (Coleoptera: Curculionidae). <i>Insects</i> , 2021, 12, 881.	1.0	4
601	Characterization of the blood microbiota in children with Celiac disease. <i>Current Research in Microbial Sciences</i> , 2021, 2, 100069.	1.4	0
602	Effects of butyrate, propionate, and their combination in vitro, and the impacts of their supplementation in high-plant-protein diets to the production performance, innate immune responses, and intestinal microbiota of red drum (<i>Sciaenops ocellatus</i>). <i>Aquaculture</i> , 2021, 545, 737225.	1.7	11
603	Fecal microbiota composition associates with the capacity of human peripheral blood monocytes to differentiate into immunogenic dendritic cells <i>in vitro</i> . <i>Gut Microbes</i> , 2021, 13, 1-20.	4.3	9
604	Comparison and interpretation of characteristics of Rhizosphere microbiomes of three blueberry varieties. <i>BMC Microbiology</i> , 2021, 21, 30.	1.3	12
605	Characterization of the marine aquaculture microbiome: A seasonal survey in a seabass farm. <i>Aquaculture</i> , 2021, 531, 735987.	1.7	11
606	Moving beyond microbiome-wide associations to causal microbe identification. <i>Nature</i> , 2017, 552, 244-247.	13.7	220
607	Microbiome disturbance and resilience dynamics of the upper respiratory tract during influenza A virus infection. <i>Nature Communications</i> , 2020, 11, 2537.	5.8	72
608	Seasonal epiphytic microbial dynamics on grapevine leaves under biocontrol and copper fungicide treatments. <i>Scientific Reports</i> , 2020, 10, 681.	1.6	35

#	ARTICLE	IF	CITATIONS
609	Encapsulated cyclosporine does not change the composition of the human microbiota when assessed ex vivo and in vivo. <i>Journal of Medical Microbiology</i> , 2020, 69, 854-863.	0.7	12
626	Association between algal productivity and phycosphere composition in an outdoor <i>Chlorella sorokiniana</i> reactor based on multiple longitudinal analyses. <i>Microbial Biotechnology</i> , 2020, 13, 1546-1561.	2.0	17
627	Inter-site and interpersonal diversity of salivary and tongue microbiomes, and the effect of oral care tablets. <i>F1000Research</i> , 2020, 9, 1477.	0.8	7
628	Experimental Chagas disease-induced perturbations of the fecal microbiome and metabolome. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006344.	1.3	39
629	Sinonasal Microbiome Sampling: A Comparison of Techniques. <i>PLoS ONE</i> , 2015, 10, e0123216.	1.1	60
630	Methanosarcina Play an Important Role in Anaerobic Co-Digestion of the Seaweed <i>Ulva lactuca</i> : Taxonomy and Predicted Metabolism of Functional Microbial Communities. <i>PLoS ONE</i> , 2015, 10, e0142603.	1.1	33
631	Microbial Community Profile and Water Quality in a Protected Area of the Caatinga Biome. <i>PLoS ONE</i> , 2016, 11, e0148296.	1.1	20
632	Early Gut Microbiota Perturbations Following Intrapartum Antibiotic Prophylaxis to Prevent Group B Streptococcal Disease. <i>PLoS ONE</i> , 2016, 11, e0157527.	1.1	81
633	Changes in bacterial community composition of <i>Escherichia coli</i> O157:H7 super-shedder cattle occur in the lower intestine. <i>PLoS ONE</i> , 2017, 12, e0170050.	1.1	25
634	Effects of iron supplementation on growth, gut microbiota, metabolomics and cognitive development of rat pups. <i>PLoS ONE</i> , 2017, 12, e0179713.	1.1	25
635	Nutrikinetic study of genistein metabolites in ovariectomized mice. <i>PLoS ONE</i> , 2017, 12, e0186320.	1.1	13
636	Composition and variation of respiratory microbiota in healthy military personnel. <i>PLoS ONE</i> , 2017, 12, e0188461.	1.1	25
637	Fecal microbiota in the female prairie vole (<i>Microtus ochrogaster</i>). <i>PLoS ONE</i> , 2018, 13, e0190648.	1.1	10
638	DNA metabarcoding uncovers fungal diversity of mixed airborne samples in Italy. <i>PLoS ONE</i> , 2018, 13, e0194489.	1.1	62
639	Variation in the microbiome of the urogenital tract of Chlamydia-free female koalas (<i>Phascolarctos</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	14
641	Pyrosequencing Analysis of Bacterial Species Affected by Ethanol-Extract from Activated Sludge. <i>Journal of Water and Environment Technology</i> , 2019, 17, 9-17.	0.3	1
642	Spatio-temporal variability in Mediterranean rocky shore microphytobenthos. <i>Marine Ecology - Progress Series</i> , 2017, 575, 17-29.	0.9	18
643	Bacterial community dynamics during embryonic and larval development of three confamilial echinoids. <i>Marine Ecology - Progress Series</i> , 2019, 611, 179-188.	0.9	27

#	ARTICLE	IF	CITATIONS
644	Long-Term Impact of Suppressive Antibiotic Therapy on Intestinal Microbiota. <i>Genes</i> , 2021, 12, 41.	1.0	5
645	Cyanobacterial Mats in Calcite-Precipitating Serpentinite-Hosted Alkaline Springs of the Voltri Massif, Italy. <i>Microorganisms</i> , 2021, 9, 62.	1.6	9
646	Effect of Zeolite on Small Intestine Microbiota of Broiler Chickens: A Case Study. <i>Food and Nutrition Sciences (Print)</i> , 2017, 08, 163-188.	0.2	7
647	Digitizing mass spectrometry data to explore the chemical diversity and distribution of marine cyanobacteria and algae. <i>ELife</i> , 2017, 6, .	2.8	33
648	Characterization of the salivary microbiome in patients with pancreatic cancer. <i>PeerJ</i> , 2015, 3, e1373.	0.9	150
649	The microbial biosphere of the coral <i>Acropora cervicornis</i> in Northeastern Puerto Rico. <i>PeerJ</i> , 2017, 5, e3717.	0.9	33
650	Structure, dynamics and predicted functional role of the gut microbiota of the blue (<i>Haliotis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50 e5830.	0.9	26
651	The microbiome profiling of fungivorous black tinder fungus beetle <i>Bolitophagus reticulatus</i> reveals the insight into bacterial communities associated with larvae and adults. <i>PeerJ</i> , 2019, 7, e6852.	0.9	4
652	The impact of storage conditions on human stool 16S rRNA microbiome composition and diversity. <i>PeerJ</i> , 2019, 7, e8133.	0.9	20
653	Effect of lactic acid bacteria, molasses, and their combination on the fermentation quality and bacterial community of cassava foliage silage. <i>Animal Science Journal</i> , 2021, 92, e13635.	0.6	10
654	Fine-Scale Spatial Structure of Soil Microbial Communities in Burrows of a Keystone Rodent Following Mass Mortality. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	2
655	Environmental conditions drive zooplankton community structure in the epipelagic oceanic water of the southern Gulf of Mexico: A molecular approach. <i>Molecular Ecology</i> , 2022, 31, 546-561.	2.0	9
656	Building Natural Product Libraries Using Quantitative Clade-Based and Chemical Clustering Strategies. <i>MSystems</i> , 2021, 6, e0064421.	1.7	3
657	Spatial metabolomics identifies localized chemical changes in heart tissue during chronic cardiac Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009819.	1.3	18
675	Composition and dynamics of the bacterial communities present in the post-slaughter environment of farmed Atlantic salmon (<i>Salmo salar</i> L.) and correlations to gelatin degrading activity. <i>PeerJ</i> , 2019, 7, e7040.	0.9	1
685	Interactive exploratory data analysis of Integrative Human Microbiome Project data using Metaviz. <i>F1000Research</i> , 2020, 9, 601.	0.8	1
686	Changes in the Microbial Community of the Mottled Skate (<i>Beringraja pulchra</i>) During Alkaline Fermentation. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 1195-1206.	0.9	4
689	Chronic apical periodontitis exacerbates atherosclerosis in apolipoprotein E-deficient mice and leads to changes in the diversity of gut microbiota. <i>International Endodontic Journal</i> , 2021, , .	2.3	8

#	ARTICLE	IF	CITATIONS
690	Vitamin A Deficiency Exacerbates Gut Microbiota Dysbiosis and Cognitive Deficits in Amyloid Precursor Protein/Presenilin 1 Transgenic Mice. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 753351.	1.7	14
692	Bacterial Succession through the Artisanal Process and Seasonal Effects Defining Bacterial Communities of Raw-Milk Adobera Cheese Revealed by High Throughput DNA Sequencing. <i>Microorganisms</i> , 2021, 9, 24.	1.6	10
693	THE INFLUENCE OF A DIETARY <i>Enterococcus faecium</i> STRAIN-BASED ADDITIVE ON THE TAXONOMIC AND FUNCTIONAL CHARACTERISTICS OF THE RUMEN MICROBIOTA OF LACTATING COWS. <i>Sel'skokhozyaistvennaya Biologiya</i> , 2020, 55, 1204-1219.	0.1	1
694	Comparative analysis of bacterioplankton assemblages from two subtropical karst reservoirs of southwestern China with contrasting trophic status. <i>Scientific Reports</i> , 2020, 10, 22296.	1.6	5
695	Mian: interactive web-based microbiome data table visualization and machine learning platform. <i>Bioinformatics</i> , 2022, 38, 1176-1178.	1.8	13
700	RESCRIPT: Reproducible sequence taxonomy reference database management. <i>PLoS Computational Biology</i> , 2021, 17, e1009581.	1.5	277
701	Terrestrial-type nitrogen-fixing symbiosis between seagrass and a marine bacterium. <i>Nature</i> , 2021, 600, 105-109.	13.7	48
702	AMDB: a database of animal gut microbial communities with manually curated metadata. <i>Nucleic Acids Research</i> , 2022, 50, D729-D735.	6.5	11
705	A common microbial signature is present in the lower airways of interstitial lung diseases including sarcoidosis. <i>Sarcoidosis Vasculitis and Diffuse Lung Diseases</i> , 2018, 35, 354-362.	0.2	4
706	Effect of Different Regions and Ensiling Periods on Fermentation Quality and the Bacterial Community of Whole-Plant Maize Silage. <i>Frontiers in Microbiology</i> , 2021, 12, 743695.	1.5	12
707	A restructuring of microbiome niche space is associated with Elexacaftor-Tezacaftor-Ivacaftor therapy in the cystic fibrosis lung. <i>Journal of Cystic Fibrosis</i> , 2022, 21, 996-1005.	0.3	34
708	Bacterial community dynamics of tomato hydroponic greenhouses infested with hairy root disease. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	5
709	Microbiome Analysis of Mucosal Ileoanal Pouch in Ulcerative Colitis Patients Revealed Impairment of the Pouches Immunometabolites. <i>Cells</i> , 2021, 10, 3243.	1.8	9
710	Anti-Hyperglycemic Effects of Refined Fractions from <i>Cyclocarya paliurus</i> Leaves on Streptozotocin-Induced Diabetic Mice. <i>Molecules</i> , 2021, 26, 6886.	1.7	9
711	Metagenomic Analysis Reveals New Microbiota Related to Fiber Digestion in Pigs. <i>Frontiers in Microbiology</i> , 2021, 12, 746717.	1.5	7
713	Exploring the Microbiome Analysis and Visualization Landscape. <i>Frontiers in Bioinformatics</i> , 2021, 1, .	1.0	4
714	Effect of gastrointestinal heat retention syndrome on gut microbiota in children with upper respiratory tract infection and lung-heat syndrome. <i>Journal of Traditional Chinese Medical Sciences</i> , 2022, 9, 13-13.	0.1	0
715	Metataxonomic, bioactivity and microbiome analysis of Red Sea marine sponges from Egypt. <i>Marine Genomics</i> , 2022, 61, 100920.	0.4	3

#	ARTICLE	IF	CITATIONS
716	Maternal pre-pregnancy overweight and neonatal gut bacterial colonization are associated with cognitive development and gut microbiota composition in pre-school-age offspring. <i>Brain, Behavior, and Immunity</i> , 2022, 100, 311-320.	2.0	32
718	<i>Bifidobacterium longum</i> Subspecies <i>infantis</i> Strain EVC001 Decreases Neonatal Murine Necrotizing Enterocolitis. <i>Nutrients</i> , 2022, 14, 495.	1.7	8
719	The Role of Diversity in Mediating Microbiota Structural and Functional Differences in Two Sympatric Species of Abalone Under Stressed Withering Syndrome Conditions. <i>Microbial Ecology</i> , 2022, , 1.	1.4	0
720	Dietary fishmeal replacement by black soldier fly larvae meals affected red drum (<i>Sciaenops ocellatus</i>) production performance and intestinal microbiota depending on what feed substrate the insect larvae were offered. <i>Animal Feed Science and Technology</i> , 2022, 283, 115179.	1.1	15
721	An Exploratory Study on the Microbiome of Northern and Southern Populations of <i>Ixodes scapularis</i> Ticks Predicts Changes and Unique Bacterial Interactions. <i>Pathogens</i> , 2022, 11, 130.	1.2	11
722	Consistent changes in the intestinal microbiota of Atlantic salmon fed insect meal diets. <i>Animal Microbiome</i> , 2022, 4, 8.	1.5	9
723	Dynamics of <i>Listeria monocytogenes</i> and the microbiome on fresh-cut cantaloupe and romaine lettuce during storage at refrigerated and abusive temperatures. <i>International Journal of Food Microbiology</i> , 2022, 364, 109531.	2.1	6
724	Investigating the cecal microbiota in broiler poultry farms and its potential relationships with animal welfare. <i>Research in Veterinary Science</i> , 2022, 144, 115-125.	0.9	8
725	Deciphering Bacterial Community of the Fallow and Paddy Soil Focusing on Possible Biocontrol Agents. <i>Agronomy</i> , 2022, 12, 431.	1.3	6
726	Immunoglobulin A nephropathy is characterized by anticomensal humoral immune responses. <i>JCI Insight</i> , 2022, 7, .	2.3	13
727	Stratification of the Gut Microbiota Composition Landscape across the Alzheimer's Disease Continuum in a Turkish Cohort. <i>MSystems</i> , 2022, 7, e0000422.	1.7	20
728	Identification of sleep fragmentation-induced gut microbiota alteration and prediction of functional impact in Sprague Dawley rats harboring microbiome derived from multiple human donors. <i>Sleep Science</i> , 2022, 15, 7-19.	0.4	6
729	Sargasso Sea bacterioplankton community structure and drivers of variance as revealed by DNA metabarcoding analysis. <i>PeerJ</i> , 2022, 10, e12835.	0.9	2
730	Psychological stress disrupts intestinal epithelial cell function and mucosal integrity through microbe and host-directed processes. <i>Gut Microbes</i> , 2022, 14, 2035661.	4.3	19
731	Resistomes and microbiome of meat trimmings and colon content from culled cows raised in conventional and organic production systems. <i>Animal Microbiome</i> , 2022, 4, 21.	1.5	6
733	Green Banana Flour Contributes to Gut Microbiota Recovery and Improves Colonic Barrier Integrity in Mice Following Antibiotic Perturbation. <i>Frontiers in Nutrition</i> , 2022, 9, 832848.	1.6	5
734	Alterations in gut microbiota and metabolites associated with altitude-induced cardiac hypertrophy in rats during hypobaric hypoxia challenge. <i>Science China Life Sciences</i> , 2022, 65, 2093-2113.	2.3	19
735	Interactions between the breast tissue microbiota and host gene regulation in nonpuerperal mastitis. <i>Microbes and Infection</i> , 2022, , 104904.	1.0	1

#	ARTICLE	IF	CITATIONS
736	Short-Term Metformin Treatment Enriches <i>Bacteroides dorei</i> in an Obese Liver Steatosis Zucker Rat Model. <i>Frontiers in Microbiology</i> , 2022, 13, 834776.	1.5	2
737	Evaluating the Impact of <i>Trichoderma brevicompactum</i> 31636 on Root Rot of <i>Atractylodes macrocephala</i> and the Fungal Community in the Rhizosphere Soil. <i>Clinical Complementary Medicine and Pharmacology</i> , 2022, 2, 100025.	0.9	2
739	Mapping bacterial diversity and metabolic functionality of the human respiratory tract microbiome. <i>Journal of Oral Microbiology</i> , 2022, 14, 2051336.	1.2	6
740	The Bacterial Microbiota of Edible Insects <i>Acheta domesticus</i> and <i>Gryllus assimilis</i> Revealed by High Content Analysis. <i>Foods</i> , 2022, 11, 1073.	1.9	9
741	Combining reverse osmosis and microbial degradation for remediation of drinking water contaminated with recalcitrant pesticide residue. <i>Water Research</i> , 2022, 216, 118352.	5.3	3
742	Depletion of Lipocalin 2 (LCN2) in Mice Leads to Dysbiosis and Persistent Colonization with Segmented Filamentous Bacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13156.	1.8	19
743	Bacterial Microbiomes in the Sediments of Lotic Systems Ecologic Drivers and Role: A Case Study from the MureÅ River, Transylvania, Romania. <i>Water (Switzerland)</i> , 2021, 13, 3518.	1.2	8
744	Characterization of the Gastrointestinal and Reproductive Tract Microbiota in Fertile and Infertile Pakistani Couples. <i>Biology</i> , 2022, 11, 40.	1.3	4
745	Excess Vitamins or Imbalance of Folic Acid and Choline in the Gestational Diet Alter the Gut Microbiota and Obesogenic Effects in Wistar Rat Offspring. <i>Nutrients</i> , 2021, 13, 4510.	1.7	11
746	Differential analysis of the bacterial community in colostrum samples from women with gestational diabetes mellitus and obesity. <i>Scientific Reports</i> , 2021, 11, 24373.	1.6	16
748	Recently Evolved <i>Francisella</i> -Like Endosymbiont Outcompetes an Ancient and Evolutionarily Associated <i>Coxiella</i> -Like Endosymbiont in the Lone Star Tick (<i>Amblyomma americanum</i>) Linked to the Alpha-Gal Syndrome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 787209.	1.8	9
750	Untargeted Metabolomics Sheds Light on the Diversity of Major Classes of Secondary Metabolites in the Malpighiaceae Botanical Family. <i>Frontiers in Plant Science</i> , 2022, 13, 854842.	1.7	9
751	Novel symbionts and potential human pathogens excavated from argasid tick microbiomes that are shaped by dual or single symbiosis. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1979-1992.	1.9	4
885	Effects of Sucrose, Glucose and Molasses on Fermentation Quality and Bacterial Community of Stylo Silage. <i>Fermentation</i> , 2022, 8, 191.	1.4	10
886	Soil Environments Influence Gut Prokaryotic Communities in the Larvae of the Invasive Japanese Beetle <i>Popillia japonica</i> Newman. <i>Frontiers in Microbiology</i> , 2022, 13, 854513.	1.5	4
887	Uremic Toxin-Producing <i>Bacteroides</i> Species Preval in the Gut Microbiota of Taiwanese CKD Patients: An Analysis Using the New Taiwan Microbiome Baseline. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 726256.	1.8	12
888	Effects of "Healthy"™ Fecal Microbiota Transplantation against the Deterioration of Depression in Fawn-Hooded Rats. <i>MSystems</i> , 2022, 7, e0021822.	1.7	21
889	No Effect of <i>Lactobacillus rhamnosus</i> GG on Eradication of Colonization by Vancomycin-Resistant <i>Enterococcus faecium</i> or Microbiome Diversity in Hospitalized Adult Patients. <i>Microbiology Spectrum</i> , 2022, 10, e0234821.	1.2	5

#	ARTICLE	IF	CITATIONS
890	Compositionally Aware Phylogenetic Beta-Diversity Measures Better Resolve Microbiomes Associated with Phenotype. <i>MSystems</i> , 2022, 7, e0005022.	1.7	4
891	Impact of exclusive enteral nutrition on the gut microbiome of children with medical complexity. <i>Journal of Parenteral and Enteral Nutrition</i> , 2023, 47, 77-86.	1.3	2
892	Primary sludge-based blackwater favors electrical current over methane production in microbial electrochemical cells. <i>Journal of Water Process Engineering</i> , 2022, 47, 102848.	2.6	4
893	Effects of <i>Lactobacillus plantarum</i> on Silage Fermentation and Bacterial Community of Three Tropical Forages. <i>Frontiers in Animal Science</i> , 2022, 3, .	0.8	2
894	Citizen-science reveals changes in the oral microbiome in Spain through age and lifestyle factors. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 38.	2.9	18
895	Dynamic Distribution of Gut Microbiota in Pigs at Different Growth Stages: Composition and Contribution. <i>Microbiology Spectrum</i> , 2022, 10, e0068821.	1.2	36
896	Sourdough performances of the golden cereal <i>Triticordeum</i> : Dynamics of microbial ecology, biochemical and nutritional features. <i>International Journal of Food Microbiology</i> , 2022, 374, 109725.	2.1	8
897	Clinical evaluation and microbiota analysis in 9 dogs with antibiotic-responsive enteropathy: A prospective comparison study. <i>Journal of Veterinary Internal Medicine</i> , 2022, 36, 1220-1228.	0.6	5
898	A Prebiotic Diet Alters the Fecal Microbiome and Improves Sleep in Response to Sleep Disruption in Rats. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	6
900	Dynamics of microbial communities on the corrosion behavior of steel in freshwater environment. <i>Npj Materials Degradation</i> , 2022, 6, .	2.6	10
901	Diurnal and eating-associated microbial patterns revealed via high-frequency saliva sampling. <i>Genome Research</i> , 2022, 32, 1112-1123.	2.4	3
902	Longitudinal effects of growth restriction on the murine gut microbiome and metabolome. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2022, 323, E159-E170.	1.8	1
903	Spatial Metabolomics Reveals Localized Impact of Influenza Virus Infection on the Lung Tissue Metabolome. <i>MSystems</i> , 2022, 7, .	1.7	6
904	Adherence to Gluten-Free Diet Restores Alpha Diversity in Celiac People but the Microbiome Composition Is Different to Healthy People. <i>Nutrients</i> , 2022, 14, 2452.	1.7	10
905	Sodium Benzoate Delays the Development of <i>Drosophila melanogaster</i> Larvae and Alters Commensal Microbiota in Adult Flies. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
907	A single, peri-operative antibiotic can persistently alter the post-operative gut microbiome after Roux-en-Y gastric bypass. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2023, 37, 1476-1486.	1.3	1
908	Multi-locus evaluation of gastrointestinal bacterial communities from <i>Zalophus californianus</i> pups in the Gulf of California, MÃ©xico. <i>PeerJ</i> , 0, 10, e13235.	0.9	1
910	Effect of zinc source (zinc sulfate or zinc hydroxychloride) on relative abundance of fecal <i>Treponema</i> spp. in lactating dairy cows. <i>JDS Communications</i> , 2022, 3, 334-338.	0.5	2

#	ARTICLE	IF	CITATIONS
911	Beneficial Shifts in the Gut Bacterial Community of Gilthead Seabream (<i>Sparus aurata</i>) Juveniles Supplemented with Allium-Derived Compound Propyl Propane Thiosulfonate (PTSO). <i>Animals</i> , 2022, 12, 1821.	1.0	5
912	Analysis of Urinary Flora Characteristics in Urinary Tumor Based on 16S rRNA Sequence. <i>BioMed Research International</i> , 2022, 2022, 1-14.	0.9	1
913	Preliminary investigation of microorganisms potentially involved in microplastics degradation using an integrated metagenomic and biochemical approach. <i>Science of the Total Environment</i> , 2022, 843, 157017.	3.9	13
914	Organelle 16S rRNA amplicon sequencing enables profiling of active gut microbiota in murine model. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 5715-5728.	1.7	3
915	Flaxseed has a pronounced effect on gut microbiota. , 2022, , 417-430.		0
916	Associations between the Gut Microbiome and Migraines in Children Aged 7-18 Years: An Analysis of the American Gut Project Cohort. <i>Pain Management Nursing</i> , 2023, 24, 35-43.	0.4	7
917	The effects of lactic acid bacteria and molasses on microbial community and fermentation performance of mixed silage of king grass and cassava foliage. <i>Frontiers in Animal Science</i> , 0, 3, .	0.8	0
918	Guideline for the analysis of the microbial communities of the human upper airways. <i>Journal of Oral Microbiology</i> , 2022, 14, .	1.2	3
919	Transitions in bacterial communities across two fermentation-based virgin coconut oil (VCO) production processes. <i>Heliyon</i> , 2022, 8, e10154.	1.4	2
920	Soil microbial communities response to different fertilization regimes in young <i>Catalpa bungei</i> plantation. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	10
921	Host Species Affects Bacterial Evenness, but Not Diversity: Comparison of Fecal Bacteria of Cows and Goats Offered the Same Diet. <i>Animals</i> , 2022, 12, 2011.	1.0	6
922	Assembling a Reference Phylogenomic Tree of Bacteria and Archaea by Summarizing Many Gene Phylogenies. <i>Methods in Molecular Biology</i> , 2022, , 137-165.	0.4	1
923	Tourmaline: A containerized workflow for rapid and iterable amplicon sequence analysis using QIIME 2 and Snakemake. <i>GigaScience</i> , 2022, 11, .	3.3	5
924	Revealing the diversity of bacteria and fungi in the active layer of permafrost at Spitsbergen island (Arctic) – Combining classical microbiology and metabarcoding for ecological and bioprospecting exploration. <i>Science of the Total Environment</i> , 2023, 856, 159072.	3.9	4
925	Topical Glaucoma Therapy Is Associated With Alterations of the Ocular Surface Microbiome. , 2022, 63, 32.		9
926	Impact of Visceral Leishmaniasis on Local Organ Metabolism in Hamsters. <i>Metabolites</i> , 2022, 12, 802.	1.3	5
927	Longitudinal Study of Fecal Microbiota in Calves with or without Diarrhea Episodes before Weaning. <i>Veterinary Sciences</i> , 2022, 9, 463.	0.6	3
928	Mature biofloc harbor similar bacterial communities regardless of the vegetal floating substrates (oat, amaranth, or wheat) used as promoters. <i>Aquaculture International</i> , 2023, 31, 141-155.	1.1	3

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929	Effects of <i>Pediococcus acidilactici</i> and <i>Rhizopus Oryzae</i> on microbiota and metabolomic profiling in fermented dry-cure mutton sausages. <i>Food Chemistry</i> , 2023, 403, 134431.	4.2	4
930	Systematic evaluation of antimicrobial food preservatives on glucose metabolism and gut microbiota in healthy mice. <i>Npj Science of Food</i> , 2022, 6, .	2.5	10
931	Untangling the link between the human gut microbiota composition and the severity of the symptoms of the COVID-19 infection. <i>Environmental Microbiology</i> , 2022, 24, 6453-6462.	1.8	6
932	Pan-cancer analyses reveal cancer-type-specific fungal ecologies and bacteriome interactions. <i>Cell</i> , 2022, 185, 3789-3806.e17.	13.5	163
933	Temporal Changes in the Faecal Microbiota of Beef Cattle on Feedlot Placement. <i>Animals</i> , 2022, 12, 2500.	1.0	1
935	Synbiotic Supplementation Modulates Gut Microbiota, Regulates β -Catenin Expression and Prevents Weight Gain in ob/ob Mice: Preliminary Findings. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10483.	1.8	1
936	Synbiotic Intervention with <i>Lactobacilli</i> , <i>Bifidobacteria</i> , and Inulin in Healthy Volunteers Increases the Abundance of <i>Bifidobacteria</i> but Does Not Alter Microbial Diversity. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	1.4	2
937	Gut Microbes Are Associated with the Vascular Beneficial Effects of Dietary Strawberry on Metabolic Syndrome-Induced Vascular Inflammation. <i>Molecular Nutrition and Food Research</i> , 2022, 66, .	1.5	6
938	Identification of Gut Microbiota Affecting Fiber Digestibility in Pigs. <i>Current Issues in Molecular Biology</i> , 2022, 44, 4557-4569.	1.0	6
939	Dietary Supplementation of a Commercial Prebiotic, Probiotic and Their Combination Affected Growth Performance and Transient Intestinal Microbiota of Red Drum (<i>Sciaenops ocellatus</i> L.). <i>Animals</i> , 2022, 12, 2629.	1.0	1
942	The Endophytic Fungi Diversity, Community Structure, and Ecological Function Prediction of <i>Sophora alopecuroides</i> in Ningxia, China. <i>Microorganisms</i> , 2022, 10, 2099.	1.6	8
943	Gut microbiota may mediate the impact of chronic apical periodontitis on atherosclerosis in apolipoprotein E-deficient mice. <i>International Endodontic Journal</i> , 0, , .	2.3	3
944	Baat Gene Knockout Alters Post-Natal Development, the Gut Microbiome, and Reveals Unusual Bile Acids in Mice. <i>Journal of Lipid Research</i> , 2022, 63, 100297.	2.0	9
945	<i>Lactiplantibacillus plantarum</i> 299v supplementation modulates β -cell ER stress and antioxidative defense pathways and prevents type 1 diabetes in gluten-free BioBreeding rats. <i>Gut Microbes</i> , 2022, 14, .	4.3	3
946	Comparison of microbial signatures between paired faecal and rectal biopsy samples from healthy volunteers using next-generation sequencing and culturomics. <i>Microbiome</i> , 2022, 10, .	4.9	10
947	Microbiologically influenced corrosion of stainless steel independent of sulfate-reducing bacteria. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
948	The characterization of microbial communities and associations in karst tiankeng. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
949	Effect of exogenous microorganisms on the fermentation quality, nitrate degradation and bacterial community of sorghum-sudangrass silage. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4

#	ARTICLE	IF	CITATIONS
950	Effect of feeding raw potato starch on the composition dynamics of the piglet intestinal microbiome. <i>Animal Bioscience</i> , 2022, 35, 1698-1710.	0.8	5
951	Biodegradable microplastic increases CO2 emission and alters microbial biomass and bacterial community composition in different soil types. <i>Applied Soil Ecology</i> , 2023, 182, 104714.	2.1	18
952	Fruit microbiome: A powerful tool to study the epidemiology of dry lenticel rot and white haze “ Emerging postharvest diseases of apple. <i>Postharvest Biology and Technology</i> , 2023, 196, 112163.	2.9	6
953	Dietary <i>Lactobacillus reuteri</i> prevent from inflammation mediated apoptosis of liver via improving intestinal microbiota and bile acid metabolism. <i>Food Chemistry</i> , 2023, 404, 134643.	4.2	13
954	The Effect of the Artificial Reef on the Structure and Function of Sediment Bacterial Community. <i>Sustainability</i> , 2022, 14, 14728.	1.6	2
955	The relationship between menopausal syndrome and gut microbes. <i>BMC Women's Health</i> , 2022, 22, .	0.8	3
956	Sociability in a non-captive macaque population is associated with beneficial gut bacteria. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	9
957	Arbuscular Mycorrhiza Support Plant Sulfur Supply through Organosulfur Mobilizing Bacteria in the Hypho- and Rhizosphere. <i>Plants</i> , 2022, 11, 3050.	1.6	5
958	Novel weight loss diet attenuates dietary-induced obesity in mice and might correlate with altered gut microbiota and metabolite profiles. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	1
960	Soil activity and microbial community response to nanometal oxides were not due exclusively to a particle size effect. <i>Environmental Science: Nano</i> , 2023, 10, 129-144.	2.2	2
961	Characterization of tongue dorsum microbiome in wine tasters. <i>Food Research International</i> , 2023, 163, 112259.	2.9	4
962	<i>Cryptosporidium</i> infection induced the dropping of SCFAS and dysbiosis in intestinal microbiome of Tibetan pigs. <i>Microbial Pathogenesis</i> , 2023, 174, 105922.	1.3	4
963	Standardized multi-omics of Earth’s microbiomes reveals microbial and metabolite diversity. <i>Nature Microbiology</i> , 2022, 7, 2128-2150.	5.9	48
964	Response of soil microbial compositional and functional heterogeneity to grazing exclusion in alpine shrub and meadows in the Qinghai Tibet Plateau. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2
965	Characterization of microbial communities from gut microbiota of hypercholesterolemic and control subjects. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	4
966	A comparative study to determine the association of gut microbiome with schizophrenia in Zhejiang, China. <i>BMC Psychiatry</i> , 2022, 22, .	1.1	3
967	Comparison of soil microbial community structure and function for karst tiankeng with different degrees of degradation. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	2
968	Increasing buffering capacity enhances rumen fermentation characteristics and alters rumen microbiota composition of high-concentrate fed Hanwoo steers. <i>Scientific Reports</i> , 2022, 12, .	1.6	2

#	ARTICLE	IF	CITATIONS
970	Investigation by High-Throughput Sequencing Methods of Microbiota Dynamics in Spontaneous Fermentation of Abruzzo (South Italy) Wines. <i>Agronomy</i> , 2022, 12, 3104.	1.3	1
971	Untargeted Fecal Metabolomic Analyses across an Industrialization Gradient Reveal Shared Metabolites and Impact of Industrialization on Fecal Microbiome-Metabolome Interactions. <i>MSystems</i> , 2022, 7, .	1.7	2
972	Internal and external microbiota of home-caught <i>Anopheles coluzzii</i> (Diptera: Culicidae) from CÔte d'Ivoire, Africa: Mosquitoes are filthy. <i>PLoS ONE</i> , 2022, 17, e0278912.	1.1	2
973	Dietary <i>Litsea cubeba</i> essential oil supplementation improves growth performance and intestinal health of weaned piglets. <i>Animal Nutrition</i> , 2023, 13, 9-18.	2.1	5
974	Karst tiankeng shapes the differential composition and structure of bacterial and fungal communities in karst land. <i>Environmental Science and Pollution Research</i> , 2023, 30, 32573-32584.	2.7	2
975	High-fat diet and estrogen modulate the gut microbiota in a sex-dependent manner in mice. <i>Communications Biology</i> , 2023, 6, .	2.0	10
976	Allium-Derived Compound Propyl Propane Thiosulfonate (PTSO) Reduces <i>Vibrio</i> Populations and Increases Body Weight of European Seabass (<i>Dicentrarchus labrax</i>) Juveniles. <i>Antibiotics</i> , 2023, 12, 134.	1.5	1
977	Oropharyngeal, proximal colonic, and vaginal microbiomes of healthy Korean native black pig gilts. <i>BMC Microbiology</i> , 2023, 23, .	1.3	2
978	Unique Habitat of Karst Tiankengs Changes the Taxonomy and Potential Metabolism of Soil Microbial Communities. <i>Microbiology Spectrum</i> , 0, , .	1.2	0
979	Untangling the complex interactions between turtle ants and their microbial partners. <i>Animal Microbiome</i> , 2023, 5, .	1.5	3
980	Characterization of the Gut Microbiota in Urban Thai Individuals Reveals Enterotype-Specific Signature. <i>Microorganisms</i> , 2023, 11, 136.	1.6	2
981	Characterization of the Fecal and Mucosa-Associated Microbiota in Dogs with Chronic Inflammatory Enteropathy. <i>Animals</i> , 2023, 13, 326.	1.0	7
982	Prophylactic Effect of Bovine Colostrum on Intestinal Microbiota and Behavior in Wild-Type and Zonulin Transgenic Mice. <i>Biomedicines</i> , 2023, 11, 91.	1.4	5
983	<i>Lactobacillus Plantarum</i> injection at the embryonic stage alters the early growth performance and lipid metabolism of broilers by specific genera of bacteria. <i>Poultry Science</i> , 2023, , 102522.	1.5	1
985	Acute appendicitis manifests as two microbiome state types with oral pathogens influencing severity. <i>Gut Microbes</i> , 2023, 15, .	4.3	5
986	Improvements in gut microbiota dysbiosis in aged mice transplanted with adipose-derived stem cells. <i>Stem Cells and Development</i> , 0, , .	1.1	0
987	Black <i>Lycium barbarum</i> polysaccharide attenuates LPS-induced intestine damage via regulation gut microbiota. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0
991	Meta-analysis reveals <i>Helicobacter pylori</i> mutual exclusivity and reproducible gastric microbiome alterations during gastric carcinoma progression. <i>Gut Microbes</i> , 2023, 15, .	4.3	4

#	ARTICLE	IF	CITATIONS
992	Impact of sanitizer application on Salmonella mitigation and microbiome shift on diced tomato during washing and storage. <i>Postharvest Biology and Technology</i> , 2023, 198, 112268.	2.9	0
993	Transition of microbial contamination on the surface of carcass during the cattle slaughter process. <i>Food Microbiology</i> , 2023, 112, 104245.	2.1	1
994	Development of a novel definitive scoring system for an enteral feed-only model of necrotizing enterocolitis in piglets. <i>Frontiers in Pediatrics</i> , 0, 11, .	0.9	1
996	The Molecular Effect of Wearing Silver-Threaded Clothing on the Human Skin. <i>MSystems</i> , 2023, 8, .	1.7	1
997	Lasting consequences on physiology and social behavior following cesarean delivery in prairie voles. <i>Hormones and Behavior</i> , 2023, 150, 105314.	1.0	2
998	Gut Microbial Communities in Mealworms and Indianmeal Moth Larvae Respond Differently to Plastic Degradation. <i>Journal of Polymers and the Environment</i> , 2023, 31, 2434-2447.	2.4	3
999	Tolerance to intraoral biofilms and their effectiveness in improving mouth dryness and modifying oral microbiota in patients with primary Sjögren's syndrome: a PREDelfi study. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	1
1000	Sediment microbial community structure associated to different ecological types of mangroves in Celestán, a coastal lagoon in the Yucatan Peninsula, Mexico. <i>PeerJ</i> , 0, 11, e14587.	0.9	0
1001	Diverse Microbial Hot Spring Mat Communities at Black Canyon of the Colorado River. <i>Microbial Ecology</i> , 0, , .	1.4	1
1003	Diet composition and interspecific niche of Taohongling Sika deer (<i>Cervus nippon kopschi</i>) and its sympatric Reeves's muntjac (<i>Muntiacus reevesi</i>) and Chinese hare (<i>Lepus sinensis</i>) in winter (Animalia.) <i>Tj ETQq b.50.784314 rgBT</i>	1.4	1
1004	Intestine microbiota and SCFAs response in naturally <i>Cryptosporidium</i> -infected plateau yaks. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 13, .	1.8	2
1005	Bulk soil microbial reservoir or plant recruitment dominates rhizosphere microbial community assembly: Evidence from the rare, endangered Lauraceae species <i>Cinnaomum migao</i> . <i>Ecological Indicators</i> , 2023, 148, 110071.	2.6	4
1006	Irinotecan-gut microbiota interactions and the capability of probiotics to mitigate Irinotecan-associated toxicity. <i>BMC Microbiology</i> , 2023, 23, .	1.3	13
1007	Dysbiotic lung microbial communities of neonates from allergic mothers confer neonate responsiveness to suboptimal allergen. <i>Frontiers in Allergy</i> , 0, 4, .	1.2	0
1008	Bacterial Diversity Analysis of Chaozhou Sauerkraut Based on High-Throughput Sequencing of Different Production Methods. <i>Fermentation</i> , 2023, 9, 282.	1.4	1
1009	Effects of Consuming Fermented Fish (Surströmming) on the Fecal Microflora in Healthy Individuals. <i>Journal of Medicinal Food</i> , 2023, 26, 185-192.	0.8	0
1010	Larvae of an invasive scarab increase greenhouse gas emissions from soils and recruit gut mycobiota involved in C and N transformations. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	2
1012	Mucin glycans drive oral microbial community composition and function. <i>Npj Biofilms and Microbiomes</i> , 2023, 9, .	2.9	6

#	ARTICLE	IF	CITATIONS
1013	Leaf Litter Breakdown and Soil Microbes in Catalpa bungei Plantations in Response to Various Fertilization Regimes. <i>Forests</i> , 2023, 14, 699.	0.9	0
1014	Degradation of lignin in different lignocellulosic biomass by steam explosion combined with microbial consortium treatment. , 2023, 16, .		6
1015	Subclinical doses of dietary fumonisins and deoxynivalenol cause cecal microbiota dysbiosis in broiler chickens challenged with <i>Clostridium perfringens</i> . <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	1
1016	The Local Tumor Microbiome Is Associated with Survival in Late-Stage Colorectal Cancer Patients. <i>Microbiology Spectrum</i> , 2023, 11, .	1.2	3
1017	The mycobiome of a successful crayfish invader and its changes along the environmental gradient. <i>Animal Microbiome</i> , 2023, 5, .	1.5	2
1018	The Antimicrobial Potential and Aquaculture Wastewater Treatment Ability of Penaeidins 3a Transgenic Duckweed. <i>Plants</i> , 2023, 12, 1715.	1.6	2
1019	Lung-gut axis of microbiome alterations following co-exposure to ultrafine carbon black and ozone. <i>Particle and Fibre Toxicology</i> , 2023, 20, .	2.8	4
1069	Machine learning for microbiologists. <i>Nature Reviews Microbiology</i> , 2024, 22, 191-205.	13.6	6