QIIME allows analysis of high-throughput community sequencing data

DOI: 10.1038/nmeth.f.303
Nature Methods, 2010, 7, 335-6.

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608	Prophylactic Effect of Bovine Colostrum on Intestinal Microbiota and Behavior in Wild-Type and Zonulin Transgenic Mice. **2023**, 11, 91	1
607	Gut microbiota diversity in human strongyloidiasis differs little in two different regions in endemic areas of Thailand. **2022**, 17, e0279766	0
606	Inhibitory effect of nitrogen deposition on soil denitrifying activity in a subtropical forest.	0
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604	New Insights into the Effect of Fipronil on the Soil Bacterial Community. **2023**, 11, 52	0
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589	Linking processes to community functionsâ�insights into litter decomposition combining fungal metatranscriptomics and environmental NMR profiling. **2023**, 22,	0
588	Effect of Methionine Hydroxy Analog on Hu Sheep Digestibility, Rumen Fermentation, and Rumen Microbial Community In Vitro. **2023**, 13, 169	0
587	EasyAmplicon: An easy-to-use, open-source, reproducible, and community-based pipeline for amplicon data analysis in microbiome research.	0
586	Cold sediment microbial community shifts in response to crude oil water-accommodated fraction with or without dispersant: a microcosm study.	0
585	The community profiles of symbiotic bacteria at the different life stages of coral Dipsastraea favus. 10,	0
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575	Combined analysis of gut microbiome and serum metabolomics reveals novel biomarkers in patients with early-stage non-small cell lung cancer. 13,	0
574	Strengthening and microbial regulation mechanism of Bacillus on purification device for grass carp culture wastewater. 11,	0
573	Sex-specific competition differently regulates the response of the rhizosphere fungal community of Hippophae rhamnoidesâ□A dioecious plant, under Mn stress. 14,	0
572	Residual Effects of Transgenic Cotton on the Intestinal Microbiota of Dysdercus concinnus. **2023**, 11, 261	0
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570	Phosphorus Solubilization by Biological Acidification of Pig Slurry Using Agri-Food Waste:´ Efficiency and Underpinning Chemical and Microbiological Parameters.	0
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566	Dietary Sodium Butyrate Improves Intestinal Health of Triploid Oncorhynchus mykiss Fed a Low Fish Meal Diet. **2023**, 12, 145	0
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564	The effects of native lactic acid bacteria on the microbiome, fermentation profile, and nutritive value of Napier grass silage prepared with different legume ratios. 13,	0
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555	Ecophysiological and Genomic Characterization of the Freshwater Complete Ammonia Oxidizer Nitrospira sp. Strain BO4.	0
554	Effect of feed restriction and refeeding on body condition, digestive functionality and intestinal microbiota in rainbow trout (Oncorhynchus mykiss).	0
553	Association of gut microbiota and SCFAs with finishing weight of Diannan small ear pigs. 14,	1
552	Moringa oleifera leaf ethanolic extract benefits cashmere goat semen quality via improving rumen microbiota and metabolome. 10,	1
551	Root Exudates of Ginger Induced by Ralstonia solanacearum Infection Could Inhibit Bacterial Wilt. **2023**, 71, 1957-1969	0
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547	Gnotobiotic zebrafish microbiota display inter-individual variability affecting host physiology.	0
546	Effects of Cinnamomum camphora coppice planting on soil fertility, microbial community structure and enzyme activity in subtropical China. 14,	0
545	Distinct responses of abundant and rare foraminifera to environmental variables in the Antarctic region revealed by DNA metabarcoding. 10,	0

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537	Metagenome based analysis of groundwater from arsenic contaminated sites of West Bengal revealed community diversity and their metabolic potential. **2023**, 58, 91-106	0
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530	Rapid remodeling of the soil lipidome in response to a drying-rewetting event. **2023**, 11,	0
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527	Best practice for wildlife gut microbiome research: A comprehensive review of methodology for 16S rRNA gene investigations. 14,	0

526	Plantation rhizosphere soil microbes promote soil-plant phosphorus feedback on the Tibetan Plateau.	0
525	Identification and spatio-temporal tracking of ubiquitous phage families in the human microbiome. 1,	0
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517	Prolonged darkness attenuates imidacloprid toxicity through the brain-gut-microbiome axis in zebrafish, Danio rerio. **2023**, 163481	0
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515	Evaluating response mechanisms of soil microbiomes and metabolomes to Bt toxin additions. **2023**, 448, 130904	0
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490	Deciphering community assembly and succession in sequencing batch moving bed biofilm reactor: Differentiation between attached and suspended communities. **2023**, 873, 162448	0
489	Improvement of cadmium immobilization in contaminated paddy soil by using ureolytic bacteria and rice straw. **2023**, 874, 162594	0
488	Gut microbial and metabolic characterization of Atlantic salmon (Salmon salar) challenged with Aeromonas salmonicida. **2023**, 570, 739420	0
487	Evaluation of fish meal replacement by Clostridium autoethanogenum protein in diets for juvenile red swamp crayfish (Procambarus clarkii). **2023**, 570, 739379	0
486	Effects of salinity on growth, physiology, biochemistry and gut microbiota of juvenile grass carp (Ctenopharyngodon idella). **2023**, 258, 106482	0
485	Trade-off between microbial ecophysiological features regulated by soil fertility governs plant residue decomposition. **2023**, 229, 105679	1
484	Stress-buster Enterobacter sp. alleviates salinity stress in Cajanus cajan together with impacting its rhizospheric microbiome. **2023**, 156, 202-212	0
483	Ablation of CD226 on CD4+ T cells modulates asthma progress associated with altered IL-10 response and gut microbiota. **2023**, 118, 110051	0
482	A joint role of iron oxide and temperature for methane production and methanogenic community in paddy soils. **2023**, 433, 116462	0
481	Metabarcoding analysis of meiobenthic biodiversity along the Gulf of Mexico continental shelf. **2023**, 285, 108303	0
480	Climate and edaphic factors drive soil nematode diversity and community composition in urban ecosystems. **2023**, 180, 109010	0
479	Bacterial diversity and its correlation with sensory quality of two types of zha-chili from Shennongjia region, China. **2023**, 168, 112789	0
478	Natural restoration enhances soil multitrophic network complexity and ecosystem functions in the Loess Plateau. **2023**, 226, 107059	0
477	A comparative study on effects of dietary three strains of lactic acid bacteria on the growth performance, immune responses, disease resistance and intestinal microbiota of Pacific white shrimp, Penaeus vannamei. **2023**, 136, 108707	0
476	How arsenic contamination influences downslope wetland plant and microbial community structure and function. **2023**, 876, 162839	0
475	The effects of flow field on the succession of the microbial community on artificial reefs. **2023**, 191, 114920	0
474	The characteristics and metabolic potentials of the soil bacterial community of two typical military demolition ranges in China. **2023**, 874, 162562	0
473	Microbial assessment of water, sanitation, and hygiene (WaSH) in temporary and permanent settlements two years after Nepal 2015 earthquake. **2023**, 877, 162867	0

472	Spatial and temporal changes in the assembly mechanism and co-occurrence network of the chromophytic phytoplankton communities in coastal ecosystems under anthropogenic influences. **2023**, 877, 162831	o
471	Stable oxic-anoxic transitional interface is beneficial to retard soil carbon loss in drained peatland. **2023**, 181, 109024	o
470	Understanding the ecological effects of the fungicide difenoconazole on soil and Enchytraeus crypticus gut microbiome. **2023**, 326, 121518	o
469	Water mass age and dissolved organic matter properties drive the diversity of pelagic prokaryotes in the Western Mediterranean Sea. **2023**, 196, 104022	o
468	Evaluation of the effects of dietary mycotoxin-degrading adsorbent on juvenile turbot (Scophthalmus maximus L.) fed aflatoxin B1-contaminated diets. **2023**, 30, 101539	o
467	Structure, stability, and potential function of groundwater microbial community responses to permafrost degradation on varying permafrost of the Qinghai-Tibet Plateau. **2023**, 875, 162693	o
466	Poly-□-glutamic acid-producing Bacillus velezensis fermentation can improve the feed properties of soybean meal. **2023**, 53, 102503	o
465	Effects of microbial succession on the dynamics of flavor metabolites and physicochemical properties during soy sauce koji making. **2023**, 53, 102636	o
464	Temporal loss of fungal taxa driven by drift contributes to community stability during soybean development. **2023**, 186, 104819	o
463	RNA outperforms DNA-based metabarcoding in assessing the diversity and response of microeukaryotes to environmental variables in the Arctic Ocean. **2023**, 876, 162608	o
462	An in vitro model of the chicken gastrointestinal tract with special emphasis to the cecal microbiota. **2023**, 102, 102654	o
461	Intercropped Amygdalus persica and Pteris vittata applied with additives presents a safe utilization and remediation mode for arsenic-contaminated orchard soil. **2023**, 879, 163034	o
460	Changes in soil bacterial communities and functional groups beneath coarse woody debris across a subalpine forest successional series. **2023**, 43, e02436	o
459	Long-term chemical fertilization results in a loss of temporal dynamics of diazotrophic communities in the wheat rhizosphere. **2023**, 875, 162663	o
458	Response of soil microbial Communities, inorganic and organic soil carbon pools in arid saline soils to alternative land use practices. **2023**, 150, 110227	o
457	Agricultural practice negatively affects soil bacterial diversity and nitrogen functional genes comparing to adjacent native forest soils. **2023**, 186, 104856	o
456	Depth-dependent effects of tree species identity on soil microbial community characteristics and multifunctionality. **2023**, 878, 162972	o
455	Unravelling diversity, drivers, and indicators of soil microbiome of Trillium govanianum, an endangered plant species of the Himalaya. **2023**, 227, 115819	o

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453	Effects of long-term warming on soil prokaryotic communities in shrub and alpine meadows on the eastern edge of the Qinghai-Tibetan Plateau. **2023**, 188, 104871	0
452	Identification and synergetic mechanism of TCE, H2 and O2 metabolic microorganisms in the joint H2/O2 system. **2023**, 879, 163026	0
451	Response of murine gut microbiota to a prebiotic based on oligosaccharides derived via hydrolysis of fungal □(1-3)-d-glucan: Preclinical trial study on mice. **2023**, 417, 135928	0
450	Dietary yeast cell wall enhanced intestinal health of broiler chickens by modulating intestinal integrity, immune responses, and microbiota. **2023**, 102, 102660	0
449	Soil nutrients and the responses of microbial community structure to pine bark and vinegar residues in blueberry cultivation. **2023**, 189, 104907	0
448	Soil carbon-fixing bacterial communities respond to plant community change in coastal salt marsh wetlands. **2023**, 189, 104918	0
447	Decreased CH4 emissions associated with methanogenic and methanotrophic communities and their interactions following Fe(III) fertiliser application in rice paddies. **2023**, 431, 116375	0
446	Grapefruit Root and Rhizosphere Responses to Varying Planting Densities, Fertilizer Concentrations and Application Methods. **2023**, 12, 1659	0
445	Revealing the relative importance among plant species, slope positions, and soil types on rhizosphere microbial communities in northern tropical karst and non-karst seasonal rainforests of China. 14,	0
444	Plantâ□soilâ□microbial interactions mediate vegetation succession in retreating glacial forefields. **2023**, 873, 162393	0
443	Effect of dietary Pediococcus pentosaceus MR001 on intestinal bacterial diversity and white spot syndrome virus protection in Pacific white shrimp. **2023**, 30, 101570	0
442	Nitrogen application influences the effect of bacteria on the belowground allocation of photosynthesized carbon under elevated CO2. **2023**, 180, 109021	0
441	Plant invasion mediates the regulation of topsoil organic carbon sequestration by the fungal community in coastal wetlands. **2023**, 227, 107118	0
440	Bacillus amyloliquefaciens FG14 as a potential biocontrol strain against rusty root rot of Panax ginseng, and its impact on the rhizosphere microbial community. **2023**, 182, 105221	0
439	Efficient nitrogen removal of a novel Pseudomonas chengduensis strain BF6 mainly through assimilation in the recirculating aquaculture systems. **2023**, 379, 129036	1
438	Effect of hydraulic retention time on performances of gravity-driven membrane (GDM) reactor for seawater pretreatment. **2023**, 53, 103599	0
437	Biofilm colonization of stone materials from an Australian outdoor sculpture: Importance of geometry and exposure. **2023**, 339, 117948	0

436	Responses of bacterial community and N-cycling functions stability to different wetting-drying alternation frequencies in a riparian zone. **2023**, 228, 115778	0
435	Turfgrass-dependent mycotrophic change enhances soil deterioration in dry, cold and high-alkali environments. **2023**, 134,	0
434	Soil bacteria respond intensely to resource limitations regulated by edaphic properties during secondary succession on a semiarid abandoned farmland. **2023**, 223, 106944	0
433	Revisiting Mt Fujiâ groundwater origins with helium, vanadium and environmental DNA tracers. **2023**, 1, 60-73	0
432	(Meta)genomics -assisted screening of novel antibacterial lactic acid bacteria strains from traditional fermented milk from Western China and their bioprotective effects on cheese. **2023**, 175, 114507	0
431	Different types of land use influence soil physiochemical properties, the abundance of nitrifying bacteria, and microbial interactions in tropical urban soil. **2023**, 869, 161722	0
430	A novel insight into energy conservation and efficiency enhancement in wastewater treatment process: Low-frequency mechanical vibration induced. **2023**, 52, 103492	0
429	The Relationship between Core Rhizosphere Taxa and Peanut Nodulation Capacity under Different Cover Crop Amendments. **2023**, 13, 311	0
428	Effective removal of trace 1,4-dioxane by biological treatments augmented with propanotrophic single culture versus synthetic consortium. **2023**, 9, 100246	0
427	Reducing nitrogen loss during kitchen waste composting using a bioaugmented mechanical process with low pH and enhanced ammonia assimilation. **2023**, 372, 128664	0
426	Dietary Application of the Microalga Lobosphaera incisa P127 Reduces Severity of Intestinal Inflammation, Modulates Gut-Associated Gene Expression, and Microbiome in the Zebrafish Model of IBD. **2023**, 67, 2200253	0
425	No evidence that modification of soil microbiota by woody invader facilitates subsequent invasion by herbaceous species.	1
424	Mining metatranscriptomes reveals a vast world of viroid-like circular RNAs. **2023**, 186, 646-661.e4	0
423	Disturbance and restoration of soil microbial communities after in-situ thermal desorption in a chlorinated hydrocarbon contaminated site. **2023**, 448, 130870	0
422	Oregano extract fed to pre-weaned dairy calves. Part 1: Effects on intake, digestibility, body weight, and rumen and intestinal bacteria microbiota. **2023**, 269, 105165	0
421	Enhanced MFC sensor performances and extracellular electron transport efficiency mediated by biochar and underlying biochemical mechanisms. **2023**, 332, 117282	0
420	Microbial food webs share similar biogeographic patterns and driving mechanisms with depths in oligotrophic tropical western Pacific Ocean. 14,	0
419	Pyrethroids exposure alters the community and function of the internal microbiota in Aedes albopictus. **2023**, 252, 114579	0

418	Effects of Continuous Straw Returning on Soil Functional Microorganisms and Microbial Communities. **2023**, 61, 49-62	0
417	Immunomodulatory effects of complex probiotics on the immuno-suppressed mice induced by cyclophosphamide. 14,	0
416	Retention of post-harvest residues enhances soil fungal biodiversity in Eucalyptus plantations. **2023**, 532, 120806	0
415	LC / MS analysis of mushrooms provided new insights into dietary management of diabetes mellitus in rats.	1
414	Comparison of network connectivity and environmental driving factors of root-associated fungal communities of desert ephemeral plants in two habitat soils. **2023**, 332, 117375	0
413	Studying Fungal-Bacterial Relationships in the Human Gut Using an In Vitro Model (TIM-2). **2023**, 9, 174	0
412	Non-Surgical Periodontal Treatment Impact on Subgingival Microbiome and Intra-Oral Halitosis. **2023**, 24, 2518	0
411	Mitochondrial ND4 Gene as a Marker Trait for Studying Structure and Dynamics of Aphid (Hemiptera, Aphididae) Populations. **2022**, 102, 820-828	0
410	The Molecular Effect of Wearing Silver-Threaded Clothing on the Human Skin. **2023**, 8,	0
409	Microbial species from multiple maternal body sites shape the developing giant panda (Ailuropoda melanoleuca) cub gut microbiome.	0
408	Dredged sediments contain potentially beneficial microorganisms for agriculture and little harmful cyanobacteria. **2023**, 2, 45-57	0
407	Immune priming prior to pathogen exposure sheds light on the relationship between host, microbiome and pathogen in disease. **2023**, 10,	1
406	Fungal diversities and community assembly processes show different biogeographical patterns in forest and grassland soil ecosystems. 14,	0
405	Human microbiome transfer in the built environment differs based on occupants, objects, and buildings.	0
404	Oral microbiome in older adults with mild cognitive impairment. **2023**, 15,	0
403	Differential responses of canonical nitrifiers and comammox Nitrospira to long-term fertilization in an Alfisol of Northeast China. 14,	0
402	Dominated âInheritanceâ of Endophytes in Grapevines from Stock Plants via In Vitro-Cultured Plantlets: The Dawn of Plant Endophytic Modifications. **2023**, 9, 180	0
401	Nitrogen and Phosphorus Discriminate the Assembly Processes of Prokaryotic and Eukaryotic Algae in an Agricultural Drainage Receiving Lake. **2023**, 15, 2584	0

400	Specific suppression of vascular wilt disease of onion is linked with fungal soil community structure. **2023**, 25, 100671	0
399	Cyprinid herpesvirus 2 infection changes microbiota and metabolites in the gibel carp (Carassius auratus gibelio) midgut. 12,	0
398	The ecology of bacterial communities in groundwater of industrial areas: Diversity, composition, network, and assembly. **2023**, 322, 121207	0
397	Antibiotic resistome in groundwater and its association with mountain springs and river. **2023**, 252, 114603	0
396	Influence of root cortical aerenchyma on the rhizosphere microbiome of field-grown maize.	0
395	Analysis of microbial diversity in the feces of Arborophila rufipectus. 13,	0
394	Weanling gut microbiota composition of a mouse model selectively bred for high voluntary wheel-running behavior. **2023**, 226,	0
393	Microbial Taxonomical and Functional Diversities Increased with Wetland Productivity at Initial Stages of Vegetation Restoration on Denuded Tidal Flats. **2023**, 46, 829-843	0
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391	Vitamin D alleviates non-alcoholic fatty liver disease via restoring gut microbiota and metabolism. 14,	0
390	Responses of Soil Bacterial Communities and Enzyme Activities to Straw Return and Potassium Fertilization with Two Soils Under Soil Potassium Balance Condition in RiceâWheat System.	0
389	Short-term effects of Chlorhexidine mouthwash and Listerine on oral microbiome in hospitalized patients. 13,	0
388	The Epibiotic Microbiota of Wild Caribbean Sea Urchin Spines Is Species Specific. **2023**, 11, 391	0
387	Rewilding in Miniature: Suburban Meadows Can Improve Soil Microbial Biodiversity and Soil Health.	0
386	Increased Nitrogen Loading Facilitates Nitrous Oxide Production through Fungal and Chemodenitrification in Estuarine and Coastal Sediments. **2023**, 57, 2660-2671	0
385	Contrasting responses of bacterial community to 4,4?-dibromodiphenyl ether (BDE-15) contamination in soil microcosms at different temperatures. **2023**, 319, 138056	0
384	The impact of Ag nanoparticles on methane emission in two typical paddy soils. **2023**, 323, 121215	0
383	Gut microbiome variations in Rhinopithecus roxellanae caused by changes in the environment. **2023**, 24,	1

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381	Legacy effects post removal of a range-expanding shrub influence soil fungal communities and create negative plant-soil feedbacks for conspecific seedlings.	0
380	Microbial community stratification in scale-up Anaerobic Fluidized Bed Reactor applied for 4-Nonylphenol degradation. **2023**, 21, 101359	0
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370	The effects of a Bacillus licheniformis and phytase mixture added to broiler diets on growth performance, nutrient digestibility, and cecal microecosystem. **2023**,	0
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364	Consequences of arthropod community structure for an at-risk insectivorous bird. **2023**, 18, e0281081	0
363	Microbial community succession patterns and drivers of Luxiang-flavor Jiupei during long fermentation. 14,	0
362	The mechanism ́of promoting rhizosphere nutrient turnover for arbuscular mycorrhizal fungi attributes to recruited functional bacterial assembly.	0
361	Prv̂ention du colmatage des puits lors du stockage dans lâ�quif�e dâ�aux de drainage turbides riches en carbone organique dissous et en nutriments.	0
360	Environmental DNA sequencing reveals the regional difference in diversity and community assembly mechanisms of eukaryotic plankton in coastal waters. 14,	0
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345	Intestinal barrier dysfunction in murine sickle cell disease is associated with small intestine neutrophilic inflammation, oxidative stress, and dysbiosis.	0
344	A bacteriocyte symbiont determines whitefly sex ratio by regulating mitochondrial function. **2023**, 42, 112102	0
343	Maternal □□T´cells shape offspring pulmonary type 2 immunity in a microbiota-dependent manner. **2023**, 42, 112074	0
342	Orientation-driven photosynthesized carbon belowground mediates intercropped peanut microbiota changes for pathogen resistance.	0
341	Impact of diet and host genetics on the murine intestinal mycobiome. **2023**, 14,	0
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338	Microbial Diversity Analysis in Spaceflight AIT Center. **2017**, 37, 185	0
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336	Electric-Inducive Microbial Interactions in a Thermophilic Anaerobic Digester Revealed by High-Throughput Sequencing of Micron-Scale Single Flocs. **2023**, 57, 4367-4378	0
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333	Intestinal Microbiota Differences in Litopenaeus vannamei Shrimp between Greenhouse and Aquaponic Rearing. **2023**, 13, 525	0
332	A pilot study exploring the association of bronchial bacterial microbiota and recurrent wheezing in infants with atopy. 13,	0
331	Bacterial Community Composition and Isolation of Actinobacteria from the Soil of Flaming Mountain in Xinjiang, China. **2023**, 11, 489	0
330	High-Throughput Sequencing of Oral Microbiota in Candida Carriage Sj□grenâ□s Syndrome Patients: A Pilot Cross-Sectional Study. **2023**, 12, 1559	0
329	Rhizobacterial compositions and their relationships with soil properties and medicinal bioactive ingredients in Cinnamomum migao. 14,	0

328	Disentangling the Ecological Processes and Driving Forces Shaping the Seasonal Pattern of Halobacteriovorax Communities in a Subtropical Estuary.	o
327	Disrupted diurnal oscillations of the gut microbiota in patients with alcohol dependence. 13,	o
326	Effects of Saccharina japonica´and spent mushroom compost mixed compost on composting quality and dynamic change of´microbial diversity at different C/N ratios.	o
325	A Bacillaceae consortium positively impacts arbuscular mycorrhizal fungus colonisation, plant phosphate nutrition, and tuber yield in Solanum tuberosum cv. Jazzy. **2023**, 89, 235-250	o
324	Interleukin-23 receptor signaling impairs the stability and function of colonic regulatory T´cells. **2023**, 42, 112128	o
323	Inulin prebiotic reinforces host cancer immunosurveillance via ?T cell activation. 14,	o
322	Selection of rhizosphere communities of diverse rotation crops reveals unique core microbiome associated with reduced banana Fusarium wilt disease.	o
321	Structural diversity of bacterial communities in two divergent sunflower rhizosphere soils. **2023**, 73,	o
320	Structural characteristics and diversity of the rhizosphere bacterial communities of wild Fritillaria przewalskii Maxim. in the northeastern Tibetan Plateau. 14,	o
319	Effects of field inoculation of potato tubers with the arbuscular mycorrhizal fungus Rhizophagus irregularis DAOM 197198 are cultivar dependent. **2023**, 89, 213-226	o
318	Fine cassava fibre utilization as a dietary fibre source for dogs: Effects on kibble characteristics, diet digestibility and palatability, faecal metabolites and microbiota.	o
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316	Impacts of Different Reforestation Methods on Fungal Community and Nutrient Content in an Ex-Tea Plantation. **2023**, 14, 432	o
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314	Negative consequences of reduced protein diets supplemented with synthetic amino acids for performance, intestinal barrier function, and caecal microbiota composition of broiler chickens. **2023**, 13, 216-228	o
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312	Characteristics of Microbiota in Different Segments of the Digestive Tract of Lycodon rufozonatus. **2023**, 13, 731	o
311	Randomized controlled trial demonstrates response to a probiotic intervention for metabolic syndrome that may correspond to diet. **2023**, 15,	o

310	Dynamics of Functional Genes and Bacterial Community during Bioremediation of Diesel-Contaminated Soil Amended with Compost. **2023**,	0
309	The Pathogen Aeromonas salmonicida achromogenes Induces Fast Immune and Microbiota Modifications in Rainbow Trout. **2023**, 11, 539	0
308	Impacts of dietary supplementation of bamboo vinegar and charcoal powder on growth performance, intestinal morphology, and gut microflora of large-scale loach Paramisgurnus dabryanus.	0
307	Predicting Foodborne Pathogens and Probiotics Taxa within Poultry-Related Microbiomes Using a Machine Learning Approach.	0
306	NMR Metabolomics and DNA Sequencing of Escherichia coli and Staphylococcus aureus Cultures Treated with Hydrolyzable Tannins. **2023**, 13, 320	0
305	Diet composition and interspecific niche of Taohongling Sika deer (Cervus nippon kopschi) and its sympatric Reeveâs muntjac (Muntiacus reevesi) and Chinese hare (Lepus sinensis) in winter (Animalia, Mammalia). 1149, 17-36	0
304	Influence of Parturition on Rumen Bacteria and SCFAs in Holstein Cows Based on 16S rRNA Sequencing and Targeted Metabolomics. **2023**, 13, 782	0
303	A trade-off between space exploration and mobilization of organic phosphorus through associated microbiomes enables niche differentiation of arbuscular mycorrhizal fungi on the same root.	0
302	Microbiome diversity, composition and assembly in a California citrus orchard. 14,	0
301	Oral Exposure to Polystyrene Microplastics of Mice on a Normal or High-Fat Diet and Intestinal and Metabolic Outcomes. **2023**, 131,	0
300	Effect of composted pig manure, biochar, and their combination on antibiotic resistome dissipation in swine wastewater-treated soil. **2023**, 323, 121323	0
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297	Host Species and Environment Shape the Gut Microbiota of Cohabiting Marine Bivalves.	0
296	Do antimicrobial peptide levels alter performance of insect-based aquaculture feeds âa study using genetic models of insect immune activation. 1-16	0
295	Carbon metabolism and biogeography of candidate phylum âCandidatus Bipolaricaulotaâin geothermal environments of Biga Peninsula, Turkey. 14,	0
294	Association Studies on Gut and Lung Microbiomes in Patients with Lung Adenocarcinoma. **2023**, 11, 546	0
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291	Impact of environmental factors on diversity of fungi in sediments from the Shenzhen River Estuary. **2023**, 205,	0
290	Efficacy of acupuncture in patients with mild Alzheimerâs disease and its impact on gut microbiota: Study protocol for a randomized sham-controlled trial. 10,	0
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286	Metabolic and inflammatory linkage of the chicken cecal microbiome to growth performance. 14,	0
285	Validation of 16S rRNA Gene Sequencing of the Periocular Microbiome and Lack of Alteration by Topical Eyedrops. **2023**, 12, 32	0
284	Enzyme adaptation to habitat thermal legacy shapes the thermal plasticity of marine microbiomes. **2023**, 14,	0
283	The Associations between Multiple Essential Metal(loid)s and Gut Microbiota in Chinese Community-Dwelling Older Adults. **2023**, 15, 1137	0
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275	High immigration rates critical for establishing emigration-driven diversity in microbial communities.	0

274	Distinct Bacterial Communities in S�o Jorge Cheese with Protected Designation of Origin (PDO). **2023**, 12, 990	0
273	Evaluation of the lignocellulose degradation potential of Mediterranean forests soil microbial communities through diversity and targeted functional metagenomics. 14,	0
272	In silico approaches for the quest of the novel enzymes. **2023**, 65-78	0
271	Modern Rivularia Freshwater Stromatolites as Models for Formation of Laminated Stromatolitic Crusts. **2023**, 40, 382-398	0
270	Gut-Microbiota Dysbiosis in Stroke-Prone Spontaneously Hypertensive Rats with Diet-Induced Steatohepatitis. **2023**, 24, 4603	0
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266	Longitudinal Analysis of the Intestinal Microbiota among a Cohort of Children in Rural and Urban Areas of Pakistan. **2023**, 15, 1213	0
265	Influence of Probiotic Feed Supplement on Nosema spp. Infection Level and the Gut Microbiota of Adult Honeybees (Apis mellifera L.). **2023**, 11, 610	0
264	Comparison of Fecal Microbiota Communities between Primiparous and Multiparous Cows during Non-Pregnancy and Pregnancy. **2023**, 13, 869	0
263	Disturbed rhythmicity of intestinal hydrogen peroxide alters gut microbial oscillations in BMAL1-deficient monkeys. **2023**, 42, 112183	0
262	The Gut Microbiome of an Indigenous Agropastoralist Population in a Remote Area of Colombia with High Rates of Gastrointestinal Infections and Dysbiosis. **2023**, 11, 625	0
261	Responses of the gastrointestinal microbiota to the protein metabolism of pond-cultured Japanese flounder (Paralichthys olivaceus). 10,	0
260	Shifts in soil nitrogen availability and associated microbial drivers during stand development of Mongolian pine plantations.	0
259	Microbial community profiling and culturing reveal functional groups of bacteria associated with Thai commercial stingless worker bees (Tetragonula pagdeni). **2023**, 18, e0280075	0
258	Habitat severity characteristics structure soil communities at regional and local spatial scales along the Antarctica Peninsula. 1-17	0
257	Multifeature analysis of age-related microbiome structures reveals defense mechanisms of Populus tomentosa trees. **2023**, 238, 1636-1650	0

256	An integrated transcriptome and microbial community analysis reveals potential mechanisms for increased immune responses when replacing silybum marianum meal with soybean meal in growing lambs. 14,	○
255	Changes in upper airways microbiota in ventilator-associated pneumonia. **2023**, 11,	○
254	16S rDNA-based diversity analysis of bacterial communities associated with soft corals of the Red Sea, Al Rayyis, White Head, KSA. **2023**, 17,	○
253	Bacterial PncA improves diet-induced NAFLD in mice by enabling the transition from nicotinamide to nicotinic acid. **2023**, 6,	○
252	Irinotecan-gut microbiota interactions and the capability of probiotics to mitigate Irinotecan-associated toxicity. **2023**, 23,	○
251	Efficacy of cetylpridium chloride mouthwash compared to povidone iodine on oral flora for perioperative patient care: A randomized controlled feasibility study. **2023**,	○
250	Three decades of organic manure and chemical fertilizers co-application enhanced rice productivity through increasing the diversity and key network module of soil bacterial community. **2023**, 23, 2175-2188	○
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248	Soil Bacterial Community Response to Fire Varies with Slope Aspect at Zhenshan Mountain, East China.	○
247	Application of prophage sequence analysis to investigate a disease outbreak involving Salmonella Adjame, a rare serovar and implications for the population structure. 14,	○
246	Use of modified ichip for the cultivation of thermo-tolerant microorganisms from the hot spring. **2023**, 23,	○
245	Experimental community coalescence sheds light on microbial interactions in soil and restores impaired functions. **2023**, 11,	○
244	Cold ExposureâInduced Alterations in the Brain Peptidome and Gut Microbiome Are Linked to Energy Homeostasis in Mice. **2023**, 22, 100525	○
243	Encouraging news for in situ conservation: Translocation of salamander larvae has limited impacts on their skin microbiota.	○
242	Host selection has stronger impact on leaf microbiome assembly compared to land-management practices.	○
241	Influence of Pesticides and Mineral Fertilizers on the Bacterial Community of Arable Soils under Pea and Chickpea Crops. **2023**, 13, 750	○
240	Organic Farming Favors phoD-Harboring Rhizospheric Bacterial Community and Alkaline Phosphatase Activity in Tropical Agroecosystem. **2023**, 12, 1068	○
239	Novel Clustering Methods Identified Three Caries Status-Related Clusters Based on Oral Microbiome in Thai MotherâChild Dyads. **2023**, 14, 641	○

238	Feeding Spodoptera exigua (Lepidoptera: Noctuidae) larvae with bacteria increase larval juvenile hormone levels inhibiting cannibalism under certain conditions.	0
237	Fungicidal Activity of Caproate Produced by Clostridium sp. strain E801, a Bacterium Isolated from Cocopeat Medium Subjected to Anaerobic Soil Disinfestation. **2023**, 13, 747	0
236	Distinct response of total and active fungal communities and functions to seasonal changes in a semi-enclosed bay with mariculture (Dongshan Bay , Southern China).	0
235	Clinical and Microbial Changes in Orthodontic Patients Using Clear Aligners Vs. Fixed Appliances. **2019**, 47, 783-791	0
234	Network Analysis Indicates Microbial Assemblage Differences in Life Stages of Cladophora. **2023**, 89,	0
233	Biophysical contexture of coastal biofilm-sediments varies heterogeneously and seasonally at the centimeter scale across the bed-water interface. 10,	0
232	Comparative microbiome analysis reveals the variation in microbial communities between âKyohoâ grape and its bud mutant variety.	0
231	Developing and reusing bioinformatics data analysis pipelines using scientific workflow systems. **2023**, 21, 2075-2085	0
230	Effects of rice blast biocontrol strain Pseudomonas alcaliphila Ej2 on the endophytic microbiome and proteome of rice under salt stress. 14,	0
229	Comparative analysis of two nonlethal methods for the study of the gut bacterial communities in wild lizards.	0
228	Bacterial Diversity and Community Characteristics of the Sinus and Dental Regions in Adults with Odontogenic Sinusitis.	0
227	JAMS - A framework for the taxonomic and functional exploration of microbiological genomic data.	0
226	Citrus Flavonoids Supplementation as an Alternative to Replace Zinc Oxide in Weanling Pigsâ Diets Minimizing the Use of Antibiotics. **2023**, 13, 967	0
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224	Application of Computational Data Modeling to a Large-Scale Population Cohort Assists the Discovery of Inositol as a Strain-Specific Substrate for Faecalibacterium prausnitzii. **2023**, 15, 1311	0
223	Alterations in the gut microbiome and metabolome profiles of septic mice treated with Shen FuHuang formula. 14,	0
222	Bovine Colostrum Supplementation Modulates the Intestinal Microbial Community in Rabbits. **2023** , 13, 976	0
221	Phosphorus mining activities alter endophytic bacterial communities and metabolic functions of surrounding vegetables and crops.	0

220	Correlation of Soil Physiochemical Properties, Microorganism Numbers, and Bacterial Communities Following Unburned and Burned Sugarcane Harvest. **2023**, 2023, 1-9	0
219	Inoculation strategies affect the physicochemical properties and flavor of Zhenjiang aromatic vinegar. 14,	0
218	Microbiome and function alterations in the gastric mucosa of asymptomatic patients with Helicobacter pylori infection.	0
217	External and internal microbiomes of Antarctic nematodes are distinct, but more similar to each other than the surrounding environment. **2023**, 55,	0
216	Differences in Soil Microbial Communities between Healthy and Diseased Lycium barbarum cv. Ningqi-5 Plants with Root Rot. **2023**, 11, 694	0
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214	Bestimmung der Endophyten im Blutungssaft der Rebe mittels Next Generation Sequencing. **2022**, 73, 123-133	0
213	Response of microbial community of surface and deep chlorophyll maximum to nutrients and light in South China Sea. 10,	0
212	MetabolomeMicrobiome Changes Associated with a Diet-Induced Reduction in Hepatic Fat among Adolescent Boys. **2023**, 13, 401	0
211	Soil protist functional composition shifts with atmospheric nitrogen deposition in subtropical forests.	0
210	Alteration of the Respiratory Microbiome in Hospitalized Patients with AsthmaâCOPD Overlap during and after an Exacerbation. **2023**, 12, 2118	1
209	Changing Rhizosphere Microbial Community and Metabolites with Developmental Stages of Coleus barbatus. **2023**, 11, 705	0
208	Impact of high altitude on composition and functional profiling of oral microbiome in Indian male population. **2023**, 13,	0
207	Deterministic processes dominate microbial community assembly in artificially bred Schizothorax wangchiachii juveniles after being released into wild.	0
206	A parasitic nematode induces dysbiosis in susceptible but not resistant gastropod hosts. **2023**, 12,	0
205	Algal amendment enhances biogenic methane production from coals of different thermal maturity. 14,	0
204	Microbiota and functional analyses of nitrogen-fixing bacteria in root-knot nematode parasitism of plants. **2023**, 11,	0
203	Quantitative 16S rRNA Gene Amplicon Sequencing for Comprehensive Pathogenic Bacterial Tracking in a Municipal Wastewater Treatment Plant. **2023**, 3, 923-933	0

202	Comammox Nitrospira and Ammonia-Oxidizing Archaea Are Dominant Ammonia Oxidizers in Sediments of an Acid Mine Lake Containing High Ammonium Concentrations. **2023**, 89,	0
201	Bacterial diversity and co-occurrence patterns differ across a world-wide spatial distribution of habitats in glacier ecosystems.	0
200	Chrysophyllum albidum Deterioration Entails Decline in Pseudomonas and Increase in Acetobacter Abundance.	0
199	Responses of bacterial communities along vertical soil profile to the chromium-contamination stress. **2023**, 179, 105584	0
198	Environmental factors and host genotype control foliar epiphytic microbial community of wild soybeans across China. 14,	0
197	Bacterial community assembly and antibiotic resistance genes in soils exposed to antibiotics at environmentally relevant concentrations.	0
196	From river to ocean: Connectivity and heterogeneity of aquatic ecosystems depicted by planktonic microeukaryotes. **2023**, 148, 110136	0
195	New insights into the impact of microbiome on horizontal and vertical transmission of a´tick-borne pathogen. **2023**, 11,	0
194	Ubiquitous, B12-dependent virioplankton utilizing ribonucleotide triphosphate reductase demonstrate interseasonal dynamics and associate with a diverse range of bacterial hosts in the pelagic ocean.	0
193	Fermented Total Mixed Ration Alters Rumen Fermentation Parameters and Microbiota in Dairy Cows. **2023**, 13, 1062	0
192	A phytobiotic extract, in an aqueous or in a cyclodextrin encapsulated form, added in diet affects meat oxidation, cellular responses and intestinal morphometry and microbiota of broilers. 4,	0
191	Global research on the crosstalk between intestinal microbiome and colorectal cancer: A visualization analysis. 13,	0
190	The gut microbiota diversity of five Orthoptera (Insecta, Polyneoptera) insects determined by DNA metabarcoding. 11,	0
189	Temporal dynamics of geothermal microbial communities in Aotearoa-New Zealand. 14,	0
188	Gut microbial community in proboscis monkeys: implications for effects of geographical and social factors.	0
187	EpiCRISPR targeted methylation of Arx gene initiates transient switch of mouse pancreatic alpha to insulin-producing cells. 14,	0
186	Microbial network and composition changes according to tobacco varieties and interferes differently in black shank disease defense. **2023**, 134,	0
185	Fermented cottonseed and rapeseed meals outperform soybean meal in improving performance, rumen fermentation, and bacterial composition in Hu sheep. 14,	0

184	Bioinformatic and Statistical Analysis of Microbiome Data. **2023**, 183-229	0
183	Combined Effects of Temperature and Dietary Lipid Level on Body Composition, Growth, and Freshness Profile in European Seabass, Dicentrarchus labrax. **2023**, 13, 1068	0
182	Changes of intestinal microbiota in the giant salamander (Andrias davidianus) during growth based on high-throughput sequencing. 14,	0
181	Exploring the effects of short-course antibiotics on children’s gut flora by using 16S rRNA gene sequencing: a case-control study.	0
180	Camellia oil (Camellia oleifera Abel.) alleviates gastric injury induced by ethanol associated with modulation of gut microbiota in mice. **2023**, 8, 61-71	0
179	Repeated divergence of amphibians and reptiles across an elevational gradient in northern Madagascar. **2023**, 13,	0
178	Hepatotoxicity of polymeric proanthocyanidins is caused by translocation of bacterial lipopolysaccharides through impaired gut epithelium. **2023**, 379, 35-47	0
177	Efficacy of faecal microbiota transplantation in patients with progressive supranuclear palsy-Richardson’s syndrome: a phase 2, single centre, randomised clinical trial. **2023**, 58, 101888	0
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175	Fungal Community Composition and Function Associated with Loose Smokeless Tobacco Products. **2023**, 80,	0
174	Endorhizosphere of indigenous succulent halophytes: a valuable resource of plant growth promoting bacteria. **2023**, 18,	0
173	Characterization of dysbiosis of the conjunctival microbiome and nasal microbiome associated with allergic rhinoconjunctivitis and allergic rhinitis. 14,	0
172	Snow Microorganisms Colonise Arctic Soils Following Snow Melt.	0
171	Interspecific plant interaction via root exudates structures the disease suppressiveness of´rhizosphere microbiomes. **2023**,	0
170	Arabinoxylan-based substrate preferences and predicted metabolic properties of Bifidobacterium longum subspecies as a basis to design differential media. **2023**, 167, 112711	0
169	Comparison of the effects of compound probiotics and antibiotics on yellow-feather broilers based on growth performance, small intestine morphology and digestive enzymes activity, gut microbiota and fecal emissions.	0
168	Effects of Hanwoo (Korean cattle) manure as organic fertilizer on plant growth, feed quality, and soil bacterial community. 14,	0
167	Amino Acids Drive the Deterministic Assembly Process of Fungal Community and Affect the Flavor Metabolites in Baijiu Fermentation. **2023**, 11,	0

166	Histological, microecological and transcriptomic physiological responses underlying hypoxia and reoxygenation adaptation in yellowtail kingfish (Seriola lalandi). 10,	0
165	Impavido attenuates inflammation, reduces atherosclerosis, and alters gut microbiota in hyperlipidemic mice. **2023**, 26, 106453	0
164	Buchnera breaks the specialization of the cotton-specialized aphid (Aphis gossypii) by providing nutrition through zucchini. 10,	0
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162	A mechanism by which gut microbiota elevates permeability and inflammation in obese/diabetic mice and human gut. gutjnl-2022-327365	0
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160	Metabarcoding analysis of the bacterial and fungal communities during the maturation of preparation 500, used in biodynamic agriculture, suggests a rational link between horn and manure.	0
159	Revisiting Microbial Diversity in Hypersaline Microbial Mats from Guerrero Negro for a Better Understanding of Methanogenic Archaeal Communities. **2023**, 11, 812	0
158	Composition of Particulate Matter and Bacterial Community in Gut Contents and Surrounding Sediments of Three Sipunculan Species (Siphonosoma australe, Phascolosoma arcuatum, and Sipunculus nudus). **2023**, 24, 6001	0
157	Spatial Distribution of airborne bacterial communities in caged poultry houses.	0
156	Time-restricted feedingâ effect on overweight and obese patients with chronic kidney disease stages 3-4: A prospective non-randomized control pilot study. 14,	0
155	Heavy Metal Pollution Impacts Soil Bacterial Community Structure and Antimicrobial Resistance at the Birmingham 35th Avenue Superfund Site. **2023**, 11,	0
154	Upper respiratory tract mycobiome alterations in different kinds of pulmonary disease. 14,	0
153	FICZ activating AHR protects against intestinal injury in mice with DSS-induced colitis by regulating intestinal flora and metabolism.	0
152	Phod-harboring bacterial communities mediated slow and fast phosphorus transformation in alkaline soil of a Robinia pseudoacacia afforestation chronosequence.	0
151	Impacts of 10 years of elevated CO2 and warming on soil fungal diversity and network complexity in a Chinese paddy field.	0
150	Diversity of bacterial community in the rhizosphere and bulk soil of Artemisia annua grown in highlands of Uganda. **2023**, 18, e0269662	0
149	Melatonin Alleviates Chronic Intermittent Hypoxia-induced Microbiota Dysbiosis and Attenuates Intestinal Barrier Dysfunction via STAT3/Th17 signalling pathway.	0

148	The cascading effects of submerged macrophyte collapse on geese at Poyang Lake, China.	0
147	Construction of hybrid constructed wetlands for phosphorus chemical industry tailwater treatment in the middle Yangtze river basin: Responses of plant growth and root-associated microbial communities. **2023**, 100144	0
146	Dysbiosis of gut microbiota due to diet, alcohol intake, body mass index, and gastrointestinal diseases in India. **2023**, 107, 2547-2560	0
145	<i>Fusobacterium nucleatum</i> Induces Gut Dysbiosis and Inflammasome and Promotes Colonic Inflammation. **2023**, 21, 60-70	0
144	Effect of different additions of low-density polyethylene and microplastics polyadipate/butylene terephthalate on soil bacterial community structure. **2023**, 30, 55649-55661	0
143	The single and combined effects of sulfamethazine and cadmium on soil nitrification and ammonia-oxidizing microorganisms. **2023**, 30, 56108-56120	0
142	Microbial diversity and metabolic function in duodenum, jejunum and ileum of emu (Dromaius novaehollandiae). **2023**, 13,	0
141	Effects of Thymbra capitata essential oil on in vitro fermentation end-products and ruminal bacterial communities. **2023**, 13,	0
140	Effects of Microbial Communities on Elevational Gradient Adaptation Strategies of Pinus yunnanensis Franch. and Pinus densata Mast. in a Mixed Zone. **2023**, 14, 685	0
139	Effects of dissolved oxygen on intestinal bacterial community and immunity of Atlantic salmon Salmo salar. **2023**, 41, 364-375	0
138	Lethal and sublethal effects on stingless bee (Partamona helleri) larvae caused by chronic exposure to three agrochemicals.	0
137	Glycoursodeoxycholic acid regulates bile acids level and alters gut microbiota and glycolipid metabolism to attenuate diabetes. **2023**, 15,	0
136	Effects of different concentrations of biochar amendments and Pb toxicity on rhizosphere soil characteristics and bacterial community of red clover (Trifolium pretense L.). 14,	0
135	Physiological, metabolic and microbial responses to obesogenic cafeteria diet in rats: The impact of strain and sex. **2023**, 117, 109338	0
134	Management of dog sperm parameters and gut microbiota composition with Lactobacillus rhamnosus supplementation.	0
133	Testing the stress gradient hypothesis in soil bacterial communities associated with vegetation belts in the Andean Atacama Desert. **2023**, 18,	0
132	Gut Microbiota Accelerate the Insecticidal Activity of Plastid-Expressed Bacillus thuringiensis Cry3Bb to a Leaf Beetle, Plagiodera versicolora. **2023**, 11,	0
131	Monitoring the changes in physicochemical, sensory properties and microbiota of village-type homemade yoghurts along three consecutive back-slopping procedures. **2023**, 143, 105663	0

130	Klebsiella quasipneumoniae in intestine damages bile acid metabolism in hematopoietic stem cell transplantation patients with bloodstream infection. **2023**, 21,	0
129	Genome-resolved analyses of oligotrophic groundwater microbial communities along phenol pollution in a continuous-flow biodegradation model system. 14,	0
128	Environmental DNA metabarcoding from flowers reveals arthropod pollinators, plant pests, parasites, and potential predatorâprey interactions while revealing more arthropod diversity than camera traps.	0
127	Behavioral phenotype, intestinal microbiome, and brain neuronal activity of male serotonin transporter knockout mice. **2023**, 16,	0
126	Analysis of the Microbial Diversity and Population Dynamics during the Pulque Fermentation Process. **2023**, 9, 342	0
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123	Mycobiome Study Reveals Different Pathogens of Vulvovaginal Candidiasis Shape Characteristic Vaginal Bacteriome.	0
122	Regulation of bacterial behavior to mitigate membrane fouling in gravity-driven membrane system: The beneficial effects of gravity-driven up-flow slow biofilter. **2023**, 53, 103669	0
121	The inhibition of high ammonia to in vitro rumen fermentation is pH dependent. 10,	0
120	Trophic interrelationships of bacteria are important for shaping soil protist communities.	0
119	Effect of Limosilactobacillus reuteri ZJF036 on Growth Performance and Gut Microbiota in Juvenile Beagle Dogs. **2023**, 80,	0
118	Dynamics of oral microbiome acquisition in healthy infants: A pilot study. 4,	0
117	Niche differentiation of comammox Nitrospira and canonical nitrifiers in riparian wetland ecosystems around Taihu Lake.	0
116	Oral microbiome changes associated with the menstrual cycle in healthy young adult females. 13,	0
115	Vaginal Infections during Pregnancy Increase Breast Milk Microbiome Alpha Diversity and Alter Taxonomic Composition. **2023**, 28, 1-9	0
114	Microbial diversity and community composition of fecal microbiota in dual-purpose and egg type ducks. 14,	0
113	Aerosol partitioning potential of bacteria presenting antimicrobial resistance from different stages of a small decentralized septic treatment system. 1-15	0

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110	Metagenomic assessment of nitrate-contaminated mine wastewaters and optimization of complete denitrification by indigenous enriched bacteria. 11,	0
109	Diversity and assembly of root-associated microbiomes of rubber trees. 14,	0
108	Oral metagenomes from Native American Ancestors reveal distinct microbial lineages in the pre-contact era.	0
107	Vaginal Microbiome Dysbiosis is Associated with the Different Cervical Disease Status.	0
106	Rhizosphere Effect and Bacterial Community Structure in the Horizons of Podzolic Soil under Norway Spruce (Picea abies L.). **2023**, 56, 29-37	0
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100	Belowground microbiota analysis indicates that Fusarium spp. exacerbate grapevine trunk disease. **2023**, 18,	0
99	Microbial mat compositions and localization patterns explain the virulence of black band disease in corals. **2023**, 9,	0
98	Spodoptera frugiperda (Lepidoptera: Noctuidae) Life Table Comparisons and Gut Microbiome Analysis Reared on Corn Varieties. **2023**, 14, 358	0
97	Response of the Pardosa astrigera bacterial community to Cry1B protein. **2023**, 256, 114855	0
96	Microbial gradual shifts during the process of species replacement in Taihang Mountain. 14,	0
95	Alterations of Epidermal Lipid Profiles and Skin Microbiome in Children With Atopic Dermatitis. **2023**, 15, 186	0

94	Supplementation with alpha-glycerol monolaurate during late gestation and lactation enhances sow performance, ameliorates milk composition, and improves growth of suckling piglets. **2023**, 14,	0
93	Potential of Medicago sativa and Perilla frutescens for overcoming the soil sickness caused by ginseng cultivation. 14,	0
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89	Freshwater transfer affected intestinal microbiota with correlation to cytokine gene expression in Asian sea bass. 14,	0
88	Effects of Mexican Ganoderma lucidum extracts on liver, kidney, and the gut microbiota of Wistar rats: A repeated dose oral toxicity study. **2023**, 18, e0283605	0
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83	Aquafeed fermentation improves dietary nutritional quality and benefits feeding behavior, meat flavor, and intestinal microbiota of Chinese mitten crab (Eriocheir sinensis). **2023**,	0
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78	Response of Soil Microbial Communities to Elevation Gradient in Central Subtropical Pinus taiwanensis and Pinus massoniana Forests. **2023**, 14, 772	0
77	Chemical Characterization and Metagenomic Identification of Endophytic Microbiome from South African Sunflower (Helianthus annus) Seeds. **2023**, 11, 988	0

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73	PhyloMed: a phylogeny-based test of mediation effect in microbiome. **2023**, 24,	0
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71	The Impact of Storage Temperature on the Development of Microbial Communities on the Surface of Blueberry Fruit. **2023**, 12, 1611	0
70	Comprehensive Microbiome and Metabolome Analyses Reveal the Medicinal Components of Paeonia lactiflora. **2023**, 12, 1612	0
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67	Fusobacterium nucleatum aggravates rheumatoid arthritis through FadA-containing outer membrane vesicles. **2023**,	0
66	Gut microbiota response to sucralose or rebaudioside A in rats under two dietary conditions.	0
65	Constellation of the endophytic mycobiome in spring and winter wheat cultivars grown under various conditions. **2023**, 13,	0
64	A lncRNA from an inflammatory bowel disease risk locus maintains intestinal host-commensal homeostasis.	0
63	Graphene oxide exposure alters gut microbial community composition and metabolism in an in vitro human model. **2023**, 100463	0
62	A comparison between Greengenes, SILVA, RDP, and NCBI reference databases in four published microbiota datasets.	0
61	The Potential Roles of Free and Attached Microbial Community in Decreasing Cadmium Level from Cadmium-Contaminated Soils by Mixotrophic Acidophiles of Different Scale-Up Cultivation Stages. **2023**, 13, 546	0
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59	Contrasting influences of two dominant plants, Dasiphora fruticosa and Ligularia virguarea, on aboveground and belowground communities in an alpine meadow. 14,	0

58	Correlation between microbial diversity and flavor metabolism in Huangshui: A by-product of solid-state fermentation Baijiu. **2023**, 181, 114767	0
57	Palmitoleic Acid on Top of HFD Ameliorates Insulin Resistance Independent of Diacylglycerols and Alters Gut Microbiota in C57BL/6J Mice. **2023**, 1-24	0
56	Yield and Rhizosphere Soil Environment of Greenhouse Zucchini in Response to Different Planting and Breeding Waste Composts. **2023**, 11, 1026	0
55	Short-term soil amendment by sewage sludge anaerobic digestate in a tomato monoculture suppresses Fusarium vascular wilt disease by changing the taxonomic characteristics of soil microbiota. **2023**, 189, 104915	0
54	Exploring the fungal communities and their correlation with the physicochemical properties of Zaopocu, a distinctive fermented food on Hainan island.	0
53	Biochar significantly reduced nutrient-induced positive priming in a subtropical forest soil.	0
52	Diversity of endosymbionts in camellia spiny whitefly, Aleurocanthus camelliae (Hemiptera: Aleyrodidae), estimated by 16S rRNA analysis and their biological implications. 14,	0
51	Biodegradation of Persistent Organic Pollutant (POP) hexachlorocyclohexane in a hybrid reactor system. **2023**, 109948	0
50	Influence of Maternal Breast Milk and Vaginal Microbiome on Neonatal Gut Microbiome: a Longitudinal Study during the First Year.	0
49	Co-Selection of Bacterial Metal and Antibiotic Resistance in Soil Laboratory Microcosms. **2023**, 12, 772	0
48	Occurrence, Risk, and Treatment of Ciprofloxacin and Clarithromycin in Drainage. **2023**, 142968	0
47	Intensified livestock farming increases antibiotic resistance genotypes and phenotypes in animal feces. **2023**, 4,	0
46	Indoleacrylic acid produced by Parabacteroides distasonis alleviates type 2 diabetes via activation of AhR to repair intestinal barrier. **2023**, 21,	0
45	Skin microbiome bacteria enriched following long sun exposure can reduce oxidative damage: a 5-month preliminary study of ten lifeguards. **2023**, 104059	0
44	Hydrogen peroxide treatment mitigates antibiotic resistance gene and mobile genetic element propagation in mariculture sediment. **2023**, 121652	0
43	Phosphorus amendment alters soil arbuscular mycorrhizal fungal functional guild compositions in a subtropical forest.	0
42	Unraveling the Dysbiosis of Vaginal Microbiome to Understand Cervical Cancer Disease Etiologyâ□An Explainable AI Approach. **2023**, 14, 936	0
41	Integrating Multi-Omics Data to Construct Reliable Interconnected Models of Signaling, Gene Regulatory, and Metabolic Pathways. **2023**, 139-151	0

40	Evaluating the Reproducibility of Amplicon Sequencing Data Derived from Deep-Sea Cold Seep Sediment-Associated Microbiota.	0
39	Anti-diarrheal drug loperamide induces dysbiosis in zebrafish microbiota via bacterial inhibition.	0
38	The effect of wheat genotype on the microbiome is more evident in roots and varies through time. **2023**, 3,	0
37	Microbial functional genes within soil aggregates drive organic carbon mineralization under contrasting tillage practices.	0
36	Fungal community remediate quartz tailings soil under plant combined with urban sludge treatments. 14,	0
35	Surfaces of gymnastic equipment as reservoirs of microbial pathogens with potential for transmission of bacterial infection and antimicrobial resistance. 14,	0
34	Osmium-grafted Magnetic Nanobeads Improve Microbial Current Generation via Culture-free and Quick Enrichment of Electrogenic Bacteria. **2023**, 142936	0
33	Closed aerobic biodegradation kinetics test with activated sludge and low concentration chemical mixtures. **2023**, 138752	0
32	Decline in Morel Production upon Continuous Cropping Is Related to Changes in Soil Mycobiome. **2023**, 9, 492	0
31	Dual use of solar power plants as biocrust nurseries for large-scale arid soil restoration.	0
30	Hybridization alters the gut microbial and metabolic profile concurrent with modifying intestinal functions in Tunchang pigs. 14,	0
29	Pruning Wound Protection Products Induce Alterations in the Wood Mycobiome Profile of Grapevines. **2023**, 9, 488	0
28	Human microbiome transfer in the built environment differs based on occupants, objects, and buildings. **2023**, 13,	0
27	Disruption of peritrophic matrix chitin metabolism and gut immune by chlorantraniliprole results in pathogenic bacterial infection in Bombyx mori. **2023**, 105430	0
26	Feeding with resistant maltodextrin suppresses excessive calorie intake in a high-fat diet, mediated by changes in mouse gut microbiota composition, appetite-related gut hormone secretion, and neuropeptide transcriptional levels. 2,	0
25	Sustained anaerobic degradation of 4-chloro-2-methylphenoxyacetic acid by acclimated sludge in a continuous-flow reactor. **2023**, 138749	0
24	Impact of prophylactic and â�escue packâ�antibiotics on the airway microbiome in chronic lung disease. **2023**, 10, e001335	0
23	Diet replacement with whole insect larvae affects intestinal morphology and microbial ecosystem of broiler chickens.	0

22	Parents with periodontitis drive the early acquisition of dysbiotic microbiomes in their offspring.	0
21	Specific gut microbiome signature predicts hepatitis B virus-related hepatocellular carcinoma patients with microvascular invasion.	0
20	The gut microbiome of solitary bees is mainly affected by pathogen assemblage and partially by land use. **2023**, 18,	0
19	Differential response of denitrifying and diazotrophic soil populations to short and long-term exposure of glyphosate and atrazine.	0
18	DeepMicroGen: a generative adversarial network-based method for longitudinal microbiome data imputation. **2023**, 39,	0
17	MKMR: a multi-kernel machine regression model to predict health outcomes using human microbiome data. **2023**, 24,	0
16	Application of Clostridium butyricum, Rummeliibacillus suwonensis, and Issatchenkia orientalis for Nongxiangxing baijiu fermentation: Improves the microbial communities and flavor of upper fermented grain. **2023**, 169, 112885	0
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14	COMPOSITION OF BACTERIAL COMMUNITIES IN OIL-CONTAMINATED BOTTOM SEDIMENTS OF THE KAMENKA RIVER. **2023**, 78, 17-24	0
13	Prokaryotic Responses to Estuarine Coalescence Contribute to Planktonic Community Assembly in a Mediterranean Nutrient-Rich Estuary. **2023**, 11, 933	0
12	Revealing the correlation between the bacterial communities and physicochemical properties of ZaoPoCu, a traditional fermented food from Hainan Island. **2023**, 21, 344-356	0
11	Software Tools for Microbiome Data Analysis. **2023**, 612-621	0
10	Host selection has a stronger impact on leaf microbiome assembly compared to land-management practices.	0
9	Intestinal microbiota analyses of five economic fishery resources in the South China Sea. **2023**, 46, 101085	0
8	Mycena species can be opportunist-generalist plant root invaders.	0
7	A reduced but stable core microbiome found in seeds of hyperaccumulators. **2023**, 887, 164131	0
6	Postnatal 14D is the Key Window for Mice Intestinal Development- An Insight from Age-Dependent Antibiotic-Mediated Gut Microbial Dysbiosis Study.	0
5	Gut microbiome modified by bariatric surgery improves insulin sensitivity and correlates with increased brown fat activity and energy expenditure. **2023**, 4, 101051	0

4	Differences of bacterial community co-occurrence network and assembly processes between sediment and water in lakes on the Qinghai-Tibet Plateau. **2023**, 35, 959-971	0
3	Composition of Soil Bacterial and Nematode Communities within Soil Aggregates in a Kiwifruit Orchard under Cover Crop Treatment. **2023**, 13, 1377	0
2	Exploring Molecular Interactions between Human Milk Hormone Insulin and Bifidobacteria.	0
1	Precipitation Drives Soil Protist Diversity and Community Structure in Dry Grasslands.	0