

Chimeric 16S rRNA sequence formation and detection in amplicons

Genome Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	UCHIME improves sensitivity and speed of chimera detection. <i>Bioinformatics</i> , 2011, 27, 2194-2200.	1.8	13,241
2	2,4,5-Trichlorophenol Degradation Using a Novel TiO ₂ -Coated Biofilm Carrier: Roles of Adsorption, Photocatalysis, and Biodegradation. <i>Environmental Science & Technology</i> , 2011, 45, 8359-8367.	4.6	110
3	Interactions between Perchlorate and Nitrate Reductions in the Biofilm of a Hydrogen-Based Membrane Biofilm Reactor. <i>Environmental Science & Technology</i> , 2011, 45, 10155-10162.	4.6	136
4	Topographical Continuity of Bacterial Populations in the Healthy Human Respiratory Tract. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 957-963.	2.5	912
5	Diet Drives Convergence in Gut Microbiome Functions Across Mammalian Phylogeny and Within Humans. <i>Science</i> , 2011, 332, 970-974.	6.0	1,712
6	Barcoded Primers Used in Multiplex Amplicon Pyrosequencing Bias Amplification. <i>Applied and Environmental Microbiology</i> , 2011, 77, 7846-7849.	1.4	514
7	Metagenomic biomarker discovery and explanation. <i>Genome Biology</i> , 2011, 12, R60.	13.9	11,192
8	NLRP6 Inflammasome Regulates Colonic Microbial Ecology and Risk for Colitis. <i>Cell</i> , 2011, 145, 745-757.	13.5	1,716
9	Hydrogen-isotopic variability in fatty acids from Yellowstone National Park hot spring microbial communities. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 4830-4845.	1.6	66
10	Tidying Up International Nucleotide Sequence Databases: Ecological, Geographical and Sequence Quality Annotation of ITS Sequences of Mycorrhizal Fungi. <i>PLoS ONE</i> , 2011, 6, e24940.	1.1	51
11	Application of Two-Part Statistics for Comparison of Sequence Variant Counts. <i>PLoS ONE</i> , 2011, 6, e20296.	1.1	55
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13	Removing Noise From Pyrosequenced Amplicons. <i>BMC Bioinformatics</i> , 2011, 12, 38.	1.2	1,320
14	Comparative analysis of hydrogen-producing bacterial biofilms and granular sludge formed in continuous cultures of fermentative bacteria. <i>Bioresource Technology</i> , 2011, 102, 10057-10064.	4.8	72
15	Caspase deficiency alters the murine gut microbiome. <i>Cell Death and Disease</i> , 2011, 2, e220-e220.	2.7	61
16	Bayesian community-wide culture-independent microbial source tracking. <i>Nature Methods</i> , 2011, 8, 761-763.	9.0	1,284
17	Enteral Tube Feeding Alters the Oral Indigenous Microbiota in Elderly Adults. <i>Applied and Environmental Microbiology</i> , 2011, 77, 6739-6745.	1.4	37
18	Incorporating 16S Gene Copy Number Information Improves Estimates of Microbial Diversity and Abundance. <i>PLoS Computational Biology</i> , 2012, 8, e1002743.	1.5	400

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20	Inferring Correlation Networks from Genomic Survey Data. <i>PLoS Computational Biology</i> , 2012, 8, e1002687.	1.5	1,874
21	PCR Biases Distort Bacterial and Archaeal Community Structure in Pyrosequencing Datasets. <i>PLoS ONE</i> , 2012, 7, e43093.	1.1	366
22	Bayesian estimation of bacterial community composition from 454 sequencing data. <i>Nucleic Acids Research</i> , 2012, 40, 5240-5249.	6.5	27
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24	Biodiversity in Oscypek, a Traditional Polish Cheese, Determined by Culture-Dependent and -Independent Approaches. <i>Applied and Environmental Microbiology</i> , 2012, 78, 1890-1898.	1.4	120
25	Abundance, Distribution, and Activity of Fe(II)-Oxidizing and Fe(III)-Reducing Microorganisms in Hypersaline Sediments of Lake Kasin, Southern Russia. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4386-4399.	1.4	86
26	Diversity patterns and activity of uncultured marine heterotrophic flagellates unveiled with pyrosequencing. <i>ISME Journal</i> , 2012, 6, 1823-1833.	4.4	114
27	DECIPHER, a Search-Based Approach to Chimera Identification for 16S rRNA Sequences. <i>Applied and Environmental Microbiology</i> , 2012, 78, 717-725.	1.4	589
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30	Activated fluid transport regulates bacterial-epithelial interactions and significantly shifts the murine colonic microbiome. <i>Gut Microbes</i> , 2012, 3, 250-260.	4.3	49
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35	Barcoded Primers Used in Multiplex Amplicon Pyrosequencing Bias Amplification. <i>Applied and Environmental Microbiology</i> , 2012, 78, 612-612.	1.4	146
36	Sample richness and genetic diversity as drivers of chimera formation in nSSU metagenetic analyses. <i>Nucleic Acids Research</i> , 2012, 40, e66-e66.	6.5	74

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38	Novel High-Rank Phylogenetic Lineages within a Sulfur Spring (Zodletone Spring, Oklahoma), Revealed Using a Combined Pyrosequencing-Sanger Approach. Applied and Environmental Microbiology, 2012, 78, 2677-2688.	1.4	40
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85	Fungal Diversity Associated with Hawaiian <i>Drosophila</i> Host Plants. <i>PLoS ONE</i> , 2012, 7, e40550.	1.1	22
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1239	Effect of <i>Rhodopseudomonas sphaeroides</i> Treated Wastewater on Yield, Digestive Enzymes, Antioxidants, Nonspecific Immunity, and Intestinal Microbiota of Common Carp. <i>North American Journal of Aquaculture</i> , 2019, 81, 385-398.	0.7	6
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1277	The Impact of DNA Polymerase and Number of Rounds of Amplification in PCR on 16S rRNA Gene Sequence Data. <i>MSphere</i> , 2019, 4, .	1.3	91
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1290	Isolation of phytase-producing yeasts from rice seedlings for prospective probiotic applications. <i>3 Biotech</i> , 2019, 9, 216.	1.1	8
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1309	Metagenomic analysis of composition, function and cycling processes of microbial community in water, sediment and effluent of <i>Litopenaeus vannamei</i> farming environments under different culture modes. <i>Aquaculture</i> , 2019, 506, 280-293.	1.7	56
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1348	Rapid detection of macroalgal seed bank on cobbles: application of DNA metabarcoding using next-generation sequencing. <i>Journal of Applied Phycology</i> , 2019, 31, 2743-2753.	1.5	12
1349	Bacterial community analysis for investigating bacterial transfer from tonsils to the pig carcass. <i>International Journal of Food Microbiology</i> , 2019, 295, 8-18.	2.1	12
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1351	Microbiomes of China's Space Station During Assembly, Integration, and Test Operations. <i>Microbial Ecology</i> , 2019, 78, 631-650.	1.4	13
1352	Gut Microbiota Dysbiosis Is Not Independently Associated With Neurocognitive Impairment in People Living With HIV. <i>Frontiers in Microbiology</i> , 2018, 9, 3352.	1.5	19
1353	Nasopharyngeal Microbiota in Children With Invasive Pneumococcal Disease: Identification of Bacteria With Potential Disease-Promoting and Protective Effects. <i>Frontiers in Microbiology</i> , 2019, 10, 11.	1.5	33
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1362	Dynamic Changes in the Microbiome and Mucosal Immune Microenvironment of the Lower Respiratory Tract by Influenza Virus Infection. <i>Frontiers in Microbiology</i> , 2019, 10, 2491.	1.5	36
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1366	Improved utilization of soybean meal through fermentation with commensal <i>Shewanella</i> sp. MR-7 in turbot (<i>Scophthalmus maximus</i> L.). <i>Microbial Cell Factories</i> , 2019, 18, 214.	1.9	33
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1368	Changes of Root Endophytic Bacterial Community Along a Chronosequence of Intensively Managed Lei Bamboo (<i>Phyllostachys praecox</i>) Forests in Subtropical China. <i>Microorganisms</i> , 2019, 7, 616.	1.6	10
1369	Early life nutrition influences susceptibility to chronic inflammatory colitis in later life. <i>Scientific Reports</i> , 2019, 9, 18111.	1.6	12
1370	Blueberry Attenuates Liver Fibrosis, Protects Intestinal Epithelial Barrier, and Maintains Gut Microbiota Homeostasis. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2019, 2019, 1-11.	0.8	21
1371	Bacteriophage targeting of gut bacterium attenuates alcoholic liver disease. <i>Nature</i> , 2019, 575, 505-511.	13.7	493
1372	The Response of Microbiota Community to <i>Streptococcus agalactiae</i> Infection in Zebrafish Intestine. <i>Frontiers in Microbiology</i> , 2019, 10, 2848.	1.5	25
1373	Diet and irradiation effects on the bacterial community composition and structure in the gut of domesticated teneral and mature Queensland fruit fly, <i>Bactrocera tryoni</i> (Diptera: Tephritidae). <i>BMC Microbiology</i> , 2019, 19, 281.	1.3	26
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1375	Effect of Short-Term Dietary Intervention and Probiotic Mix Supplementation on the Gut Microbiota of Elderly Obese Women. <i>Nutrients</i> , 2019, 11, 3011.	1.7	47
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1378	Impact of <i>Tilapia</i> hepcidin 2-3 dietary supplementation on the gut microbiota profile and immunomodulation in the grouper (<i>Epinephelus lanceolatus</i>). <i>Scientific Reports</i> , 2019, 9, 19047.	1.6	23
1379	Ecological and microbiological diversity of chigger mites, including vectors of scrub typhus, on small mammals across stratified habitats in Thailand. <i>Animal Microbiome</i> , 2019, 1, 18.	1.5	21
1380	Potassium sorbate suppresses intestinal microbial activity and triggers immune regulation in zebrafish (<i>Danio rerio</i>). <i>Food and Function</i> , 2019, 10, 7164-7173.	2.1	15
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1382	Effect of Resistant Starch on the Gut Microbiota and Its Metabolites in Patients with Coronary Artery Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2019, 26, 705-719.	0.9	24
1383	Influences of dietary selenomethionine exposure on tissue accumulation, blood biochemical profiles, gene expression and intestinal microbiota of <i>Carassius auratus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2019, 218, 21-29.	1.3	23
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1389	GenCoF: a graphical user interface to rapidly remove human genome contaminants from metagenomic datasets. <i>Bioinformatics</i> , 2019, 35, 2318-2319.	1.8	28
1390	Unusual 18S rDNA of <i>Acanthamoeba</i> containing intron turned out to be a T5/T4 chimera. <i>Parasitology Research</i> , 2019, 118, 657-662.	0.6	3
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1400	High-throughput sequencing of gut microbiota in rainbow trout (<i>Oncorhynchus mykiss</i>) fed larval and pre-pupae stages of black soldier fly (<i>Hermetia illucens</i>). <i>Aquaculture</i> , 2019, 500, 485-491.	1.7	135
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1412	Positron emission tomography to visualise in-situ microbial metabolism in natural sediments. <i>Applied Radiation and Isotopes</i> , 2019, 144, 104-110.	0.7	7

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1415	Effect of Different Soil Phosphate Sources on the Active Bacterial Microbiota Is Greater in the Rhizosphere than in the Endorhiza of Barley (<i>Hordeum vulgare</i> L.). <i>Microbial Ecology</i> , 2019, 77, 689-700.	1.4	14
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1431	Different milk replacers alter growth performance and rumen bacterial diversity of dairy bull calves. <i>Livestock Science</i> , 2020, 231, 103862.	0.6	5

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1437	Bacteriome and Mycobiome in <i>Nicotiana tabacum</i> Fields Affected by Black Shank Disease. <i>Plant Disease</i> , 2020, 104, 315-319.	0.7	5
1438	Effects of dietary calcium pyruvate on gastrointestinal tract development, intestinal health and growth performance of newly weaned piglets fed low-protein diets. <i>Journal of Applied Microbiology</i> , 2020, 128, 355-365.	1.4	14
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1442	Analysis of Myoglobin Stability and Bacterial Community Diversity in Mutton Chop Rolls During Cold Preservation. <i>Current Microbiology</i> , 2020, 77, 826-835.	1.0	6
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1451	Effects of application rates of poly- γ -glutamic acid on vegetable growth and soil bacterial community structure. <i>Applied Soil Ecology</i> , 2020, 147, 103405.	2.1	21
1452	Biochar addition to forest plantation soil enhances phosphorus availability and soil bacterial community diversity. <i>Forest Ecology and Management</i> , 2020, 455, 117635.	1.4	66
1453	Gut butyrate-producing organisms correlate to Placenta Specific 8 protein: Importance to colorectal cancer progression. <i>Journal of Advanced Research</i> , 2020, 22, 7-20.	4.4	22
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1458	The Association Between Smoking and Gut Microbiome in Bangladesh. <i>Nicotine and Tobacco Research</i> , 2020, 22, 1339-1346.	1.4	39
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1476	Identification of bacteria and fungi inhabiting fruiting bodies of Burgundy truffle (<i>Tuber aestivum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	20
1477	Effects of phytosterols supplementation on growth performance and intestinal microflora of yellow-feather broilers. Poultry Science, 2020, 99, 6022-6030.	1.5	15
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1497	Does geographical variation confound the relationship between host factors and the human gut microbiota: a population-based study in China. <i>BMJ Open</i> , 2020, 10, e038163.	0.8	20
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1502	Nitrate Removal and Dynamics of Microbial Community of A Hydrogen-Based Membrane Biofilm Reactor at Diverse Nitrate Loadings and Distances from Hydrogen Supply End. <i>Water (Switzerland)</i> , 2020, 12, 3196.	1.2	9
1503	Efficient COI barcoding using high throughput single-end 400â€%bp sequencing. <i>BMC Genomics</i> , 2020, 21, 862.	1.2	19

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1644	Improving Characterization of Understudied Human Microbiomes Using Targeted Phylogenetics. <i>MSystems</i> , 2020, 5, .	1.7	2
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1647	Influence of <i>Lactobacillus kefir</i> on Intestinal Microbiota and Fecal IgA Content of Healthy Dogs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 146.	0.9	11
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1650	Predicting postmortem interval based on microbial community sequences and machine learning algorithms. <i>Environmental Microbiology</i> , 2020, 22, 2273-2291.	1.8	39
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1652	Capsulized faecal microbiota transplantation ameliorates post-weaning diarrhoea by modulating the gut microbiota in piglets. <i>Veterinary Research</i> , 2020, 51, 55.	1.1	27
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1702	Distinctive gut microbial dysbiosis between chronic alcoholic fatty liver disease and metabolic-associated fatty liver disease in mice. <i>Experimental and Therapeutic Medicine</i> , 2021, 21, 418.	0.8	19
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1736	Spatiotemporal variation of bacterial communities in three cascade reservoirs in a southern city of China. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 2532-2542.	1.0	1
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1742	The gut microbiome composition and degradation enzymes activity of black Amur bream (<i>Megalobrama terminalis</i>) in response to breeding migratory behavior. <i>Ecology and Evolution</i> , 2021, 11, 5150-5163.	0.8	11
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1774	Profile of microbial community of organic and conventional rice field using metagenomic analysis. <i>Biogenesis Jurnal Ilmiah Biologi</i> , 2021, 9, 1.	0.0	0
1775	Gut Microbiota Signature Among Asian Post-gestational Diabetes Women Linked to Macronutrient Intakes and Metabolic Phenotypes. <i>Frontiers in Microbiology</i> , 2021, 12, 680622.	1.5	13
1776	Influence of Maize Residues in Shaping Soil Microbiota and <i>Fusarium</i> spp. Communities. <i>Microbial Ecology</i> , 2022, 83, 702-713.	1.4	8
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1781	Defining human-animal chimeras and hybrids: A comparison of legal systems and natural sciences. <i>Ethics and Bioethics (in Central Europe)</i> , 2021, 11, 101-114.	0.1	0
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1866	Tailor-made microbial consortium for Kombucha fermentation: Microbiota-induced biochemical changes and biofilm formation. <i>Food Research International</i> , 2021, 147, 110549.	2.9	28
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1885	Fecal microbiome and metabolome differ in healthy and food-allergic twins. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	69
1886	Recovery of microbial community profile information hidden in chimeric sequence reads. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 5126-5139.	1.9	1
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1893	Unraveling Mechanisms and Impact of Microbial Recruitment on Oilseed Rape (<i>Brassica napus</i> L.) and the Rhizosphere Mediated by Plant Growth-Promoting Rhizobacteria. <i>Microorganisms</i> , 2021, 9, 161.	1.6	28
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1907	Characterization of pelvic and cervical microbiotas from patients with pelvic inflammatory disease. <i>Journal of Medical Microbiology</i> , 2018, 67, 1519-1526.	0.7	22
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2142	Duodenal microbiota makes an important impact in functional dyspepsia. <i>Microbial Pathogenesis</i> , 2022, 162, 105297.	1.3	5
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2144	The Depth-Depended Fungal Diversity and Non-depth-Depended Aroma Profiles of Pit Mud for Strong-Flavor Baijiu. <i>Frontiers in Microbiology</i> , 2021, 12, 789845.	1.5	18
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2152	Dietary yeast culture facilitates the growth, immune response, digestive enzyme activity, intestinal microbiota and disease resistance against <i>Vibrio harveyi</i> of hybrid grouper (<i>Epinephelus</i>) Tj ETQq1 1 0.7849 14 rgBT /Overlock	0.4	6
2153	Unlocking the Changes of Phyllosphere Fungal Communities of Fishscale Bamboo (<i>Phyllachora</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 58	0.9	1
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2156	Calebin-A prevents HFD-induced obesity in mice by promoting thermogenesis and modulating gut microbiota. <i>Journal of Traditional and Complementary Medicine</i> , 2023, 13, 119-127.	1.5	10
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2171	Alpine meadow degradation depresses soil nitrogen fixation by regulating plant functional groups and diazotrophic community composition. <i>Plant and Soil</i> , 2022, 473, 319-335.	1.8	17
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2173	Effects of Herbal Tea Residue on Growth Performance, Meat Quality, Muscle Metabolome, and Rumen Microbiota Characteristics in Finishing Steers. <i>Frontiers in Microbiology</i> , 2021, 12, 821293.	1.5	10
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2182	Evaluating the flavor and divergent bacterial communities in corn-based zha-chili. <i>Food Bioscience</i> , 2022, 46, 101563.	2.0	8
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2188	A sustainable and economic strategy to reduce risk antibiotic resistance genes during poultry manure bioconversion by black soldier fly <i>Hermetia illucens</i> larvae: Larval density adjustment. <i>Ecotoxicology and Environmental Safety</i> , 2022, 232, 113294.	2.9	9
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2200	Comparing PCR-generated artifacts of different polymerases for improved accuracy of DNA metabarcoding. <i>Metabarcoding and Metagenomics</i> , 0, 6, .	0.0	7
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2206	Fermented Wheat Bran Polysaccharides Intervention Alters Rumen Bacterial Community and Promotes Rumen Development and Growth Performance in Lambs. <i>Frontiers in Veterinary Science</i> , 2022, 9, 841406.	0.9	2
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2217	Deep sequencing reveals changes in prokaryotic taxonomy and functional diversity of pit muds in different distilleries of China. <i>Annals of Microbiology</i> , 2022, 72, .	1.1	5
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2226	The microbial succession and their correlation with the dynamics of flavor compounds involved in the natural fermentation of suansun, a traditional Chinese fermented bamboo shoots. <i>Food Research International</i> , 2022, 157, 111216.	2.9	23
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2503	Xylitol-Containing Chewing Gum Reduces Cariogenic and Periodontopathic Bacteria in Dental Plaque's Microbiome Investigation. <i>Frontiers in Nutrition</i> , 2022, 9, .	1.6	4
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2512	<i>Paenibacillus</i> sp. Strain OL15 Immobilized in Agar as a Potential Bioremediator for Waste Lubricating Oil-Contaminated Soils and Insights into Soil Bacterial Communities Affected by Inoculations of the Strain and Environmental Factors. <i>Biology</i> , 2022, 11, 727.	1.3	5
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2516	Distribution of Vaginal and Gut Microbiome in Advanced Maternal Age. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	1.8	3

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2520	Interaction effect between NAFLD severity and high carbohydrate diet on gut microbiome alteration and hepatic <i>de novo</i> lipogenesis. <i>Gut Microbes</i> , 2022, 14, .	4.3	18
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2530	Bacterial DNA Detection in the Blood of Healthy Subjects. <i>Iranian Biomedical Journal</i> , 2022, 26, 230-239.	0.4	4
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2548	Analysis of Microbiota Persistence in Quebecâ€™s Terroir Cheese Using a Metabarcoding Approach. <i>Microorganisms</i> , 2022, 10, 1381.	1.6	3
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2554	Flavonoid-attracted <i>Aeromonas</i> sp. from the <i>Arabidopsis</i> root microbiome enhances plant dehydration resistance. <i>ISME Journal</i> , 2022, 16, 2622-2632.	4.4	44
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2564	Regulation of Dietary Protein Solubility Improves Ruminal Nitrogen Metabolism In Vitro: Role of Bacteria-Protozoa Interactions. <i>Nutrients</i> , 2022, 14, 2972.	1.7	6
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2570	Insight into bacterial community profiles of oil shale and sandstone in ordos basin by culture-dependent and culture-independent methods. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2022, 57, 723-735.	0.9	2
2571	Gastrointestinal Biogeography of Luminal Microbiota and Short-Chain Fatty Acids in Sika Deer (<i>Cervus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	3
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2582	Enrichment of bacteria involved in the nitrogen cycle and plant growth promotion in soil by sclerotia of rice sheath blight fungus. <i>Stress Biology</i> , 2022, 2, .	1.5	4
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2587	Flavonoid extract of saffron by-product alleviates hyperuricemia via inhibiting xanthine oxidase and modulating gut microbiota. <i>Phytotherapy Research</i> , 2022, 36, 4604-4619.	2.8	4
2588	The Role of 4-Phenylbutyric Acid in Gut Microbial Dysbiosis in a Mouse Model of Simulated Microgravity. <i>Life</i> , 2022, 12, 1301.	1.1	6
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2592	<i>Debaryomyces nepalensis</i> reduces fungal decay by affecting the postharvest microbiome during jujube storage. <i>International Journal of Food Microbiology</i> , 2022, 379, 109866.	2.1	5

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2597	Microbiome Changes during Regenerative Endodontic Treatment Using Different Methods of Disinfection. <i>Journal of Endodontics</i> , 2022, 48, 1273-1284.	1.4	16
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2603	Mechanism of hydrogen protection on high intensity sports injury in rats through antioxidation and its improvement of intestinal flora function. <i>Science and Sports</i> , 2023, 38, 161-173.	0.2	1
2604	The effects of fermented pineapple residue on growth performance, meat quality, and rumen microbiota of fattening Simmental bull. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0
2605	<i>Strongyloides stercoralis</i> infection induces gut dysbiosis in chronic kidney disease patients. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010302.	1.3	5
2606	Pyrolyzed or Composted Sewage Sludge Application Induces Short-Term Changes in the Terra Rossa Soil Bacterial and Fungal Communities. <i>Sustainability</i> , 2022, 14, 11382.	1.6	1
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2608	The impact of pelvic floor electrical stimulation on vaginal microbiota and immunity. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	2
2609	Deoxycholic acid induces gastric intestinal metaplasia by activating STAT3 signaling and disturbing gastric bile acids metabolism and microbiota. <i>Gut Microbes</i> , 2022, 14, .	4.3	20
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2613	Determining why continuous cropping reduces the production of the morel <i>Morchella sextelata</i> . <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	9
2614	Metabarcoding and Metabolome Analyses Reveal Mechanisms of <i>Leymus chinensis</i> Growth Promotion by Fairy Ring of <i>Leucocalocybe mongolica</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 944.	1.5	6
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2616	Metagenomic Analysis of Microbial Alliances for Efficient Degradation of PHE: Microbial Community Structure and Reconstruction of Metabolic Network. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 12039.	1.2	4
2617	Oral and fecal microbiome of confiscated Bengal slow lorises in response to confinement duration. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0
2618	Comparative Analysis of In Situ Eukaryotic Food Sources in Three Tropical Sea Cucumber Species by Metabarcoding. <i>Animals</i> , 2022, 12, 2303.	1.0	2
2619	Modulating effect of Xuanfei Baidu granule on host metabolism and gut microbiome in rats. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
2620	Breast microbiome associations with breast tumor characteristics and neoadjuvant chemotherapy: A case-control study. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2
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2622	The diversity analysis and gene function prediction of intestinal bacteria in three equine species. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	0
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2624	Geochemistry and microbiology of tropical serpentine soils in the Santa Elena Ophiolite, a landscape-biogeographical approach. <i>Geochemical Transactions</i> , 2022, 23, .	1.8	0
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2626	Simulated seasonal diets alter yak rumen microbiota structure and metabolic function. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
2627	Dietary supplementation with <i>Cyberlindnera jadinii</i> improved growth performance, serum biochemical indices, antioxidant status, and intestinal health in growing raccoon dogs (<i>Nyctereutes</i>). <i>Tj ETQq1 1 0.784314 rgBT1/Overlock410 Tf 50</i>		
2628	Effect of Probiotic <i>Lactobacillus plantarum</i> Dad-13 on Metabolic Profiles and Gut Microbiota in Type 2 Diabetic Women: A Randomized Double-Blind Controlled Trial. <i>Microorganisms</i> , 2022, 10, 1806.	1.6	4
2629	Features of the oral microbiome in Japanese elderly people with 20 or more teeth and a non-severe periodontal condition during periodontal maintenance treatment: A cross-sectional study. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	1

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2631	Altered gut microbiome diversity and function in patients with propionic acidemia. <i>Molecular Genetics and Metabolism</i> , 2022, 137, 308-322.	0.5	2
2632	The rhizosphere microbiome improves the adaptive capabilities of plants under high soil cadmium conditions. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	5
2633	Sustainable management of the potato cyst nematode, <i>Globodera rostochiensis</i> , with two microbial fermentation products. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
2634	Response of soil microbial communities to natural radionuclides along specific-activity gradients. <i>Ecotoxicology and Environmental Safety</i> , 2022, 246, 114156.	2.9	6
2635	Effects of Insect-Resistant Maize HGK60 on Community Diversity of Bacteria and Fungi in Rhizosphere Soil. <i>Plants</i> , 2022, 11, 2824.	1.6	2
2636	Nitrogen addition alters plant growth in China's Yellow River Delta coastal wetland through direct and indirect effects. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
2637	Effects of autochthonous strains mixture on gut microbiota and metabolic profile in cobia (<i>Rachycentron canadum</i>). <i>Scientific Reports</i> , 2022, 12, .	1.6	11
2638	Incubation determines favorable microbial communities in Chinese alligator nests. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
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2641	LotuS2: an ultrafast and highly accurate tool for amplicon sequencing analysis. <i>Microbiome</i> , 2022, 10, .	4.9	22
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2643	Association of body mass index and intestinal (faecal) <i>Streptococcus</i> in adults in Xining city, China P.R.. <i>Beneficial Microbes</i> , 2022, 13, 465-471.	1.0	5
2644	Analysis of biogenic amine in dry sausages collected from northeast China: From the perspective of free amino acid profile and bacterial community composition. <i>Food Research International</i> , 2022, 162, 112084.	2.9	6
2645	Hyperbaric oxygen improves depression-like behaviors in chronic stress model mice by remodeling gut microbiota and regulating host metabolism. <i>CNS Neuroscience and Therapeutics</i> , 2023, 29, 239-255.	1.9	7
2646	The relationship between pelvic floor functions and vaginal microbiota in 6-8 weeks postpartum women. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
2647	Taxonomic dependency of beta diversity for bacteria, archaea, and fungi in a semi-arid lake. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3

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2648	Atorvastatin Inhibits High-Fat Diet-Induced Lipid Metabolism Disorders in Rats by Inhibiting Bacteroides Reduction and Improving Metabolism. <i>Drug Design, Development and Therapy</i> , 0, Volume 16, 3805-3816.	2.0	2
2649	Effects of ethanamizuril, sulfachlorpyridazine or their combination on cecum microbial community and metabolomics in chickens infected with <i>Eimeria tenella</i> . <i>Microbial Pathogenesis</i> , 2022, 173, 105823.	1.3	1
2650	Effects of different grains on bacterial diversity and enzyme activity associated with digestion of starch in the foal stomach. <i>BMC Veterinary Research</i> , 2022, 18, .	0.7	2
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