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List of PR Articles by Year in descending order

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Version: 2025-02-01

379

PR articles

64,859

PR citations

1929

89

PR h-index

440

247

g-index

405

documents

78935

doc citations

1903

98

h-index

91726

citing authors

#	ARTICLE	IF	PR CITATIONS
1	Specific gut pathobionts escape antibody coating and are enriched during flares in patients with severe Crohn's disease. <i>Gut</i> , 2024, 73, 448-458.	21.2	2
2	The effect of dairy products on liver fat and metabolic risk markers in males with abdominal obesity – a four-arm randomized controlled trial. <i>Clinical Nutrition</i> , 2024, 43, 534-542.	5.6	16
3	Dynamics of inflammation-associated plasma proteins following faecal microbiota transplantation in patients with psoriatic arthritis and healthy controls: exploratory findings from the FLORA trial. <i>RMD Open</i> , 2024, 10, e003750.	4.2	15
4	A spatiotemporal atlas of mouse liver homeostasis and regeneration. <i>Nature Genetics</i> , 2024, 56, 953-969.	26.1	53
5	Datasets of fungal diversity and pseudo-chromosomal genomes of mangrove rhizosphere soil in China. <i>Scientific Data</i> , 2024, 11, .	5.7	1
6	Large-scale genome sequencing of giant pandas improves the understanding of population structure and future conservation initiatives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2024, 121, .	7.6	15
7	Global marine microbial diversity and its potential in bioprospecting. <i>Nature</i> , 2024, 633, 371-379.	38.7	111
8	Insights into the assembly of the neovaginal microbiota in Mayer-Rokitansky-Küster-Hauser (MRKH) syndrome patients. <i>Nature Communications</i> , 2024, 15, .	13.9	3
9	Co-diversification of an intestinal <i>Mycoplasma</i> and its salmonid host. <i>ISME Journal</i> , 2023, 17, 682-692.	9.1	52
10	Epigenetic Regulation of Driver Genes in Testicular Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4148.	4.5	9
11	The genomic landscape of reference genomes of cultivated human gut bacteria. <i>Nature Communications</i> , 2023, 14, .	13.9	53
12	Intermittent fasting modulates the intestinal microbiota and improves obesity and host energy metabolism. <i>Npj Biofilms and Microbiomes</i> , 2023, 9, .	8.1	53
13	Oral administration of helminth fluid modulates distinct tuft cell and immune-metabolic cues linked to reduced body fat. <i>Parasite Immunology</i> , 2023, 45, .	2.0	2
14	A Gluten-Free Diet during Pregnancy and Early Life Increases Short Chain Fatty Acid-Producing Bacteria and Regulatory T Cells in Prediabetic NOD Mice. <i>Cells</i> , 2023, 12, 1567.	4.8	3
15	Metabolic effects of diet containing blue mussel (<i>Mytilus edulis</i>) and blue mussel-fed salmon in a mouse model of obesity. <i>Food Research International</i> , 2023, 169, 112927.	7.4	10
16	A catalog of bacterial reference genomes from cultivated human oral bacteria. <i>Npj Biofilms and Microbiomes</i> , 2023, 9, .	8.1	27
17	IgG and IgM cooperate in coating of intestinal bacteria in IgA deficiency. <i>Nature Communications</i> , 2023, 14, .	13.9	14
18	Life History Recorded in the Vagino-Cervical Microbiome Along with Multi-Omes. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 304-321.	6.2	33

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19	Chromosome-scale assembly and whole-genome sequencing of 266 giant panda roundworms provide insights into their evolution, adaptation and potential drug targets. <i>Molecular Ecology Resources</i> , 2022, 22, 768-785.	4.8	8
20	Over 50,000 Metagenomically Assembled Draft Genomes for the Human Oral Microbiome Reveal New Taxa. <i>Genomics, Proteomics and Bioinformatics</i> , 2022, 20, 246-259.	6.2	77
21	Integrative analyses of probiotics, pathogenic infections and host immune response highlight the importance of gut microbiota in understanding disease recovery in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Frontiers in Microbiology</i> , 2022, 13, 931431.	1.0784314	314
22	A multi-omics approach unravels metagenomic and metabolic alterations of a probiotic and synbiotic additive in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Microbiome</i> , 2022, 10, .	11.5	131
23	Whole-genome sequence of the planarian <i>Dugesia japonica</i> combining Illumina and PacBio data. <i>Genomics</i> , 2022, 114, 110293.	2.8	18
24	Pot-pollen supplementation reduces fasting glucose and modulates the gut microbiota in high-fat/high-sucrose fed C57BL/6 mice. <i>Food and Function</i> , 2022, 13, 3982-3992.	5.4	7
25	Proteomic Analysis of the Protective Effect of Eriodictyol on Benzo(a)pyrene-Induced Caco-2 Cytotoxicity. <i>Frontiers in Nutrition</i> , 2022, 9, .	4.4	5
26	In vitro digestion mimicking conditions in young and elderly reveals marked differences between profiles and potential bioactivity of peptides from meat and soy proteins. <i>Food Research International</i> , 2022, 157, 111215.	7.4	31
27	Effect of gastrointestinal alterations mimicking elderly conditions on in vitro digestion of meat and soy proteins. <i>Food Chemistry</i> , 2022, 383, 132465.	9.7	37
28	Distinct Functional Metagenomic Markers Predict the Responsiveness to Anti-PD-1 Therapy in Chinese Non-Small Cell Lung Cancer Patients. <i>Frontiers in Oncology</i> , 2022, 12, .	2.7	17
29	Large-Scale Genomic Epidemiology of <i>Klebsiella pneumoniae</i> Identified Clone Divergence with Hypervirulent Plus Antimicrobial-Resistant Characteristics Causing Within-Ward Strain Transmissions. <i>Microbiology Spectrum</i> , 2022, 10, .	3.7	26
30	Multi-omics analyses of serum metabolome, gut microbiome and brain function reveal dysregulated microbiota-gut-brain axis in bipolar depression. <i>Molecular Psychiatry</i> , 2022, 27, 4123-4135.	8.4	178
31	Intake of a Chicken Protein-Based or Soy Protein-Based Diet Differentially Affects Growth Performance, Absorptive Capacity, and Gut Microbiota in Young Rats. <i>Molecular Nutrition and Food Research</i> , 2022, 66, .	4.1	5
32	Profiling the Atopic Dermatitis Epidermal Transcriptome by Tape Stripping and BRB-seq. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6140.	4.5	1
33	Proteomics and Metabolomics Profiling of Pork Exudate Reveals Meat Spoilage during Storage. <i>Metabolites</i> , 2022, 12, 570.	3.5	28
34	Effects of Different Storage Temperatures on Bacterial Communities and Functional Potential in Pork Meat. <i>Foods</i> , 2022, 11, 2307.	4.7	39
35	Status and perspectives of biomarker validation for diagnosis, stratification, and treatment. <i>Public Health</i> , 2021, 190, 173-175.	2.7	5
36	Sex- and age-related trajectories of the adult human gut microbiota shared across populations of different ethnicities. <i>Nature Aging</i> , 2021, 1, 87-100.	16.0	203

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37	Lysates of <i>Methylococcus capsulatus</i> Bath induce a lean-like microbiota, intestinal FoxP3+ROR γ t+IL-17+ Tregs and improve metabolism. <i>Nature Communications</i> , 2021, 12, .	13.9	37
38	An Expanded Gene Catalog of Mouse Gut Metagenomes. <i>MSphere</i> , 2021, 6, .	3.0	19
39	Taxonomic Description and Genome Sequence of <i>Christensenella intestinhominis</i> sp. nov., a Novel Cholesterol-Lowering Bacterium Isolated From Human Gut. <i>Frontiers in Microbiology</i> , 2021, 12, .	3.9	23
40	Longitudinal Study of the Drug Resistance in <i>Klebsiella pneumoniae</i> of a Tertiary Hospital, China: Phenotypic Epidemiology Analysis (2013â€“2018). <i>Infection and Drug Resistance</i> , 2021, Volume 14, 613-626.	2.8	9
41	A genome-wide association study for gut metagenome in Chinese adults illuminates complex diseases. <i>Cell Discovery</i> , 2021, 7, .	9.6	68
42	Characterization of the human skin resistome and identification of two microbiota cutotypes. <i>Microbiome</i> , 2021, 9, .	11.5	80
43	Nutritional composition and bioactive compounds of <i>Melipona seminigra</i> potâ€pollen from Amazonas, Brazil. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 4907-4915.	3.8	11
44	Systems-wide effects of short-term feed deprivation in obese mice. <i>Scientific Reports</i> , 2021, 11, .	3.5	9
45	Safety and efficacy of faecal microbiota transplantation for active peripheral psoriatic arthritis: an exploratory randomised placebo-controlled trial. <i>Annals of the Rheumatic Diseases</i> , 2021, 80, 1158-1167.	12.4	88
46	Characterization of respiratory microbial dysbiosis in hospitalized COVID-19 patients. <i>Cell Discovery</i> , 2021, 7, .	9.6	57
47	Developmental trajectory of the healthy human gut microbiota during the first 5 years of life. <i>Cell Host and Microbe</i> , 2021, 29, 765-776.e3.	15.3	372
48	The Baseline Gut Microbiota Directs Dieting-Induced Weight Loss Trajectories. <i>Gastroenterology</i> , 2021, 160, 2029-2042.e16.	1.0	97
49	Genome-resolved metagenomics suggests a mutualistic relationship between <i>Mycoplasma</i> and salmonid hosts. <i>Communications Biology</i> , 2021, 4, .	4.4	102
50	Small Intestinal Tuft Cell Activity Associates With Energy Metabolism in Diet-Induced Obesity. <i>Frontiers in Immunology</i> , 2021, 12, .	5.1	14
51	Characterization and description of <i>Faecalibacterium butyricigenerans</i> sp. nov. and <i>F. longum</i> sp. nov., isolated from human faeces. <i>Scientific Reports</i> , 2021, 11, .	3.5	69
52	Gut Microbiota Perturbation in IgA Deficiency Is Influenced by IgA-Autoantibody Status. <i>Gastroenterology</i> , 2021, 160, 2423-2434.e5.	1.0	51
53	A transomic cohort as a reference point for promoting a healthy human gut microbiome. <i>Medicine in Microecology</i> , 2021, 8, 100039.	3.6	38
54	A porcine brain-wide RNA editing landscape. <i>Communications Biology</i> , 2021, 4, .	4.4	12

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55	Maternal prenatal gut microbiota composition predicts child behaviour. <i>EBioMedicine</i> , 2021, 68, 103400.	9.9	87
56	Cervicovaginal microbiome dynamics after taking oral probiotics. <i>Journal of Genetics and Genomics</i> , 2021, 48, 716-726.	5.0	21
57	Dairy consumption and physical fitness tests associated with fecal microbiome in a Chinese cohort. <i>Medicine in Microecology</i> , 2021, 9, 100038.	3.6	8
58	Disease trends in a young Chinese cohort according to fecal metagenome and plasma metabolites. <i>Medicine in Microecology</i> , 2021, 9, 100037.	3.6	2
59	The maternal gut microbiome during pregnancy and offspring allergy and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 669-678.	6.2	97
60	Chromosome-scale genomes provide new insights into subspecies divergence and evolutionary characteristics of the giant panda. <i>Science Bulletin</i> , 2021, 66, 2002-2013.	9.6	27
61	An efficient pipeline for ancient DNA mapping and recovery of endogenous ancient DNA from whole-genome sequencing data. <i>Ecology and Evolution</i> , 2021, 11, 390-401.	2.0	16
62	Network of Interactions Between Gut Microbiome, Host Biomarkers, and Urine Metabolome in Carotid Atherosclerosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, .	4.3	12
63	Adipose MDM2 regulates systemic insulin sensitivity. <i>Scientific Reports</i> , 2021, 11, .	3.5	10
64	Body fluid from the parasitic worm <i>Ascaris suum</i> inhibits broad-acting pro-inflammatory programs in dendritic cells. <i>Immunology</i> , 2020, 159, 322-334.	4.8	22
65	The Anti-Obesogenic Effect of Lean Fish Species Is Influenced by the Fatty Acid Composition in Fish Fillets. <i>Nutrients</i> , 2020, 12, 3038.	4.7	3
66	A Chromosome-Level Genome Assembly of <i>Dendrobium Huoshanense</i> Using Long Reads and Hi-C Data. <i>Genome Biology and Evolution</i> , 2020, 12, 2486-2490.	2.4	45
67	Assessment of fecal DNA extraction protocols for metagenomic studies. <i>GigaScience</i> , 2020, 9, .	3.2	78
68	Data integration for prediction of weight loss in randomized controlled dietary trials. <i>Scientific Reports</i> , 2020, 10, .	3.5	18
69	A catalog of microbial genes from the bovine rumen unveils a specialized and diverse biomass-degrading environment. <i>GigaScience</i> , 2020, 9, .	3.2	58
70	Comparative Analysis of Sample Extraction and Library Construction for Shotgun Metagenomics. <i>Bioinformatics and Biology Insights</i> , 2020, 14, 117793222091545.	2.3	11
71	Metagenome-wide association of gut microbiome features for schizophrenia. <i>Nature Communications</i> , 2020, 11, .	13.9	331
72	The draft genome of mandrill (<i>Mandrillus sphinx</i>): An Old World monkey. <i>Scientific Reports</i> , 2020, 10, .	3.5	3

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73	Response of the Human Milk Microbiota to a Maternal Prebiotic Intervention Is Individual and Influenced by Maternal Age. <i>Nutrients</i> , 2020, 12, 1081.	4.7	13
74	Clinical characteristics of the BREATHE cohort – a real-life study on patients with asthma and COPD. <i>European Clinical Respiratory Journal</i> , 2020, 7, 1736934.	1.2	25
75	Treatment with the anti-IgE monoclonal antibody omalizumab in women with asthma undergoing fertility treatment: a proof-of-concept study – The PRO-ART study protocol. <i>BMJ Open</i> , 2020, 10, e037041.	2.0	5
76	The female urinary microbiota in relation to the reproductive tract microbiota. <i>GigaByte</i> , 2020, 2020, 1-9.	1.5	6
77	Interplay between food and gut microbiota in health and disease. <i>Food Research International</i> , 2019, 115, 23-31.	7.4	236
78	Sequencing reveals protective and pathogenic effects on development of diabetes of rare GLIS3 variants. <i>PLoS ONE</i> , 2019, 14, e0220805.	2.4	5
79	Improving Species Identification of Ancient Mammals Based on Next-Generation Sequencing Data. <i>Genes</i> , 2019, 10, 509.	2.6	10
80	Dietary Protein Sources Differentially Affect the Growth of <i>Akkermansia muciniphila</i> and Maintenance of the Gut Mucus Barrier in Mice. <i>Molecular Nutrition and Food Research</i> , 2019, 63, .	4.1	37
81	Genome Sequencing Explores Complexity of Chromosomal Abnormalities in Recurrent Miscarriage. <i>American Journal of Human Genetics</i> , 2019, 105, 1102-1111.	6.5	94
82	The Human Milk Microbiota is Modulated by Maternal Diet. <i>Microorganisms</i> , 2019, 7, 502.	3.9	84
83	Distinct gut metagenomics and metaproteomics signatures in prediabetics and treatment-naïve type 2 diabetics. <i>EBioMedicine</i> , 2019, 47, 373-383.	9.9	181
84	Effects of exercise and dietary protein sources on adiposity and insulin sensitivity in obese mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 66, 98-109.	5.0	16
85	Viral integration drives multifocal HCC during the occult HBV infection. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, .	11.5	33
86	Overexpression of cyclooxygenase-2 in adipocytes reduces fat accumulation in inguinal white adipose tissue and hepatic steatosis in high-fat fed mice. <i>Scientific Reports</i> , 2019, 9, .	3.5	30
87	The Impact of Different Animal-Derived Protein Sources on Adiposity and Glucose Homeostasis during Ad Libitum Feeding and Energy Restriction in Already Obese Mice. <i>Nutrients</i> , 2019, 11, 1153.	4.7	17
88	Habitat fragmentation is associated with dietary shifts and microbiota variability in common vampire bats. <i>Ecology and Evolution</i> , 2019, 9, 6508-6523.	2.0	84
89	Single-cell RNA-seq reveals distinct dynamic behavior of sex chromosomes during early human embryogenesis. <i>Molecular Reproduction and Development</i> , 2019, 86, 871-882.	2.9	32
90	Human Paneth cell Î±-defensin-5 treatment reverses dyslipidemia and improves glucoregulatory capacity in diet-induced obese mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 317, E42-E52.	3.1	32

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91	Efficient and unique cobarcoding of second-generation sequencing reads from long DNA molecules enabling cost-effective and accurate sequencing, haplotyping, and de novo assembly. <i>Genome Research</i> , 2019, 29, 798-808.	4.6	229
92	Seafood intake and the development of obesity, insulin resistance and type 2 diabetes. <i>Nutrition Research Reviews</i> , 2019, 32, 146-167.	5.2	61
93	The first chromosome-level genome for a marine mammal as a resource to study ecology and evolution. <i>Molecular Ecology Resources</i> , 2019, 19, 944-956.	4.8	37
94	Salmon in Combination with High Glycemic Index Carbohydrates Increases Diet-Induced Thermogenesis Compared with Salmon with Low Glycemic Index Carbohydrates—An Acute Randomized Cross-Over Meal Test Study. <i>Nutrients</i> , 2019, 11, 365.	4.7	4
95	Panel-based NGS reveals disease-causing mutations in hearing loss patients using BGISEQ-500 platform. <i>Medicine (United States)</i> , 2019, 98, e14860.	1.3	20
96	Impact of early events and lifestyle on the gut microbiota and metabolic phenotypes in young school-age children. <i>Microbiome</i> , 2019, 7, .	11.5	182
97	Mechanisms Preserving Insulin Action during High Dietary Fat Intake. <i>Cell Metabolism</i> , 2019, 29, 50-63.e4.	26.2	78
98	Whole grain-rich diet reduces body weight and systemic low-grade inflammation without inducing major changes of the gut microbiome: a randomised cross-over trial. <i>Gut</i> , 2019, 68, 83-93.	21.2	384
99	The Effect of Lean—Seafood and Non—Seafood Diets on Fecal Metabolites and Gut Microbiome: Results from a Randomized Crossover Intervention Study. <i>Molecular Nutrition and Food Research</i> , 2019, 63, .	4.1	37
100	Transplantation of microbiota from drug-free patients with schizophrenia causes schizophrenia-like abnormal behaviors and dysregulated kynurenine metabolism in mice. <i>Molecular Psychiatry</i> , 2019, 25, 2905-2918.	8.4	293
101	Pretreatment Prevotella-to-Bacteroides ratio and markers of glucose metabolism as prognostic markers for dietary weight loss maintenance. <i>European Journal of Clinical Nutrition</i> , 2019, 74, 338-347.	2.8	35
102	1,520 reference genomes from cultivated human gut bacteria enable functional microbiome analyses. <i>Nature Biotechnology</i> , 2019, 37, 179-185.	32.2	512
103	Assessment of the cPAS-based BGISEQ-500 platform for metagenomic sequencing. <i>GigaScience</i> , 2018, 7, .	3.2	201
104	Aberrant intestinal microbiota in individuals with prediabetes. <i>Diabetologia</i> , 2018, 61, 810-820.	8.6	416
105	Development and clinical validation of a circulating tumor DNA test for the identification of clinically actionable mutations in nonsmall cell lung cancer. <i>Genes Chromosomes and Cancer</i> , 2018, 57, 211-220.	3.0	29
106	Ibuprofen alters human testicular physiology to produce a state of compensated hypogonadism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, .	7.6	108
107	A novel affordable reagent for room temperature storage and transport of fecal samples for metagenomic analyses. <i>Microbiome</i> , 2018, 6, .	11.5	61
108	Efficacy and safety of faecal microbiota transplantation in patients with psoriatic arthritis: protocol for a 6-month, double-blind, randomised, placebo-controlled trial. <i>BMJ Open</i> , 2018, 8, e019231.	2.0	59

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109	Age-dependent alterations of glucose clearance and homeostasis are temporally separated and modulated by dietary fat. <i>Journal of Nutritional Biochemistry</i> , 2018, 54, 66-76.	5.0	13
110	High intake of dairy during energy restriction does not affect energy balance or the intestinal microflora compared with low dairy intake in overweight individuals in a randomized controlled trial. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 1-10.	2.1	30
111	Comprehensive targeted super-deep next generation sequencing enhances differential diagnosis of solitary pulmonary nodules. <i>Journal of Thoracic Disease</i> , 2018, 10, S820-S829.	1.3	16
112	Next generation sequencing-based molecular profiling of lung adenocarcinoma using pleural effusion specimens. <i>Journal of Thoracic Disease</i> , 2018, 10, 2631-2637.	1.3	43
113	A low-gluten diet induces changes in the intestinal microbiome of healthy Danish adults. <i>Nature Communications</i> , 2018, 9, .	13.9	166
114	Whole-genome sequencing of 175 Mongolians uncovers population-specific genetic architecture and gene flow throughout North and East Asia. <i>Nature Genetics</i> , 2018, 50, 1696-1704.	26.1	49
115	Dietary Proteins, Brown Fat, and Adiposity. <i>Frontiers in Physiology</i> , 2018, 9, .	2.9	12
116	The metagenome of the female upper reproductive tract. <i>GigaScience</i> , 2018, 7, .	3.2	87
117	A gene catalogue of the Sprague-Dawley rat gut metagenome. <i>GigaScience</i> , 2018, 7, .	3.2	65
118	Targeted next-generation sequencing as a comprehensive test for Mendelian diseases: a cohort diagnostic study. <i>Scientific Reports</i> , 2018, 8, .	3.5	21
119	Dissecting the expression landscape of mitochondrial genes in lung squamous cell carcinoma and lung adenocarcinoma. <i>Oncology Letters</i> , 2018, , .	1.9	6
120	Impact of a 3-Months Vegetarian Diet on the Gut Microbiota and Immune Repertoire. <i>Frontiers in Immunology</i> , 2018, 9, .	5.1	78
121	Effects of Frozen Storage on Phospholipid Content in Atlantic Cod Fillets and the Influence on Diet-Induced Obesity in Mice. <i>Nutrients</i> , 2018, 10, 695.	4.7	9
122	Zinc Finger and Interferon-Stimulated Genes Play a Vital Role in TB-IRIS following HAART in AIDS. <i>Personalized Medicine</i> , 2018, 15, 251-269.	1.4	10
123	CRISPR/Cascade 9-Mediated Genome Editing-Challenges and Opportunities. <i>Frontiers in Genetics</i> , 2018, 9, .	2.4	49
124	Multi-cohort analysis of colorectal cancer metagenome identified altered bacteria across populations and universal bacterial markers. <i>Microbiome</i> , 2018, 6, .	11.5	473
125	Meals based on cod or veal in combination with high or low glycemic index carbohydrates did not affect diet-induced thermogenesis, appetite sensations, or subsequent energy intake differently. <i>Appetite</i> , 2018, 130, 199-208.	2.9	7
126	Establishment of a <i>Macaca fascicularis</i> gut microbiome gene catalog and comparison with the human, pig, and mouse gut microbiomes. <i>GigaScience</i> , 2018, 7, .	3.2	73

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127	Prevotella-to-Bacteroides ratio predicts body weight and fat loss success on 24-week diets varying in macronutrient composition and dietary fiber: results from a post-hoc analysis. International Journal of Obesity, 2018, 43, 149-157.	3.2	231
128	A simple bead-based method for generating cost-effective co-barcoded sequence reads. Protocol Exchange, 2018, .	0.0	4
129	Characterization of genomic clones using circulating tumor DNA in patients with hepatocarcinoma. Translational Cancer Research, 2018, 7, 321-329.	1.3	1
130	Metagenomic analysis of faecal microbiome as a tool towards targeted non-invasive biomarkers for colorectal cancer. Gut, 2017, 66, 70-78.	21.2	1,130
131	Mammary alveolar epithelial cells convert to brown adipocytes in post-lactating mice. Journal of Cellular Physiology, 2017, 232, 2923-2928.	4.2	34
132	High-fat feeding rather than obesity drives taxonomical and functional changes in the gut microbiota in mice. Microbiome, 2017, 5, .	11.5	155
133	Lipidomic profiling reveals distinct differences in plasma lipid composition in healthy, prediabetic, and type 2 diabetic individuals. GigaScience, 2017, 6, .	3.2	64
134	Obesity is associated with depot-specific alterations in adipocyte DNA methylation and gene expression. Adipocyte, 2017, 6, 124-133.	3.1	39
135	Acute infection with the intestinal parasite <i>Trichuris muris</i> has long-term consequences on mucosal mast cell homeostasis and epithelial integrity. European Journal of Immunology, 2017, 47, 257-268.	3.2	23
136	Gut microbiome and serum metabolome alterations in obesity and after weight-loss intervention. Nature Medicine, 2017, 23, 859-868.	39.5	1,378
137	Dietary intake and adipose tissue content of long-chain n-3 PUFAs and subsequent 5-y change in body weight and waist circumference. American Journal of Clinical Nutrition, 2017, 105, 1148-1157.	4.9	8
138	Effects of Gliadin consumption on the Intestinal Microbiota and Metabolic Homeostasis in Mice Fed a High-fat Diet. Scientific Reports, 2017, 7, .	3.5	28
139	A safflower oil based high-fat/high-sucrose diet modulates the gut microbiota and liver phospholipid profiles associated with early glucose intolerance in the absence of tissue inflammation. Molecular Nutrition and Food Research, 2017, 61, .	4.1	25
140	Eosinophilic airway inflammation in asthmatic patients is associated with an altered airway microbiome. Journal of Allergy and Clinical Immunology, 2017, 140, 407-417.e11.	6.2	105
141	The gut microbiome in atherosclerotic cardiovascular disease. Nature Communications, 2017, 8, .	13.9	1,412
142	The microbiota continuum along the female reproductive tract and its relation to uterine-related diseases. Nature Communications, 2017, 8, .	13.9	809
143	Taxonomic structure and functional association of foxtail millet root microbiome. GigaScience, 2017, 6, 1-12.	3.2	1,255
144	Comprehensive genomic profiling of lung cancer using a validated panel to explore therapeutic targets in East Asian patients. Cancer Science, 2017, 108, 2487-2494.	4.0	76

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145	Analyses of gut microbiota and plasma bile acids enable stratification of patients for antidiabetic treatment. <i>Nature Communications</i> , 2017, 8, .	13.9	370
146	Two distinct metacommunities characterize the gut microbiota in Crohn's disease patients. <i>GigaScience</i> , 2017, 6, .	3.2	106
147	Visualization and Quantification of Browning Using a <i>Ucp1</i> -2A-Luciferase Knock-in Mouse Model. <i>Diabetes</i> , 2017, 66, 407-417.	4.4	38
148	An esophageal squamous cell carcinoma classification system that reveals potential targets for therapy. <i>Oncotarget</i> , 2017, 8, 49851-49860.	1.7	20
149	Links between Dietary Protein Sources, the Gut Microbiota, and Obesity. <i>Frontiers in Physiology</i> , 2017, 8, .	2.9	104
150	Synthesis and biological evaluation of dihydropyrano-[2,3-c]pyrazoles as a new class of PPAR β partial agonists. <i>PLoS ONE</i> , 2017, 12, e0162642.	2.4	12
151	FFAR4 (GPR120) Signaling Is Not Required for Anti-Inflammatory and Insulin-Sensitizing Effects of Omega-3 Fatty Acids. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	3.8	46
152	Systematic Comparative Evaluation of Methods for Investigating the TCR β Repertoire. <i>PLoS ONE</i> , 2016, 11, e0152464.	2.4	65
153	Novel Y-chromosomal microdeletions associated with non-obstructive azoospermia uncovered by high throughput sequencing of sequence-tagged sites (STSs). <i>Scientific Reports</i> , 2016, 6, .	3.5	11
154	A randomised, controlled, crossover study of the effect of diet on angiotensin-like protein 4 (ANGPTL4) through modification of the gut microbiome. <i>Journal of Nutritional Science</i> , 2016, 5, .	1.7	19
155	Shotgun Metagenomics of 250 Adult Twins Reveals Genetic and Environmental Impacts on the Gut Microbiome. <i>Cell Systems</i> , 2016, 3, 572-584.e3.	5.8	313
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