

Current understanding of the human microbiome

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Cut microbiome-immune crosstalk affects progression of cancer. <i>Translational Gastroenterology and Hepatology</i> , 2018, 3, 34-34.	1.5	5
2	Intelligent Caching in Dense Small-Cell Networks with Limited External Resources. , 2018, , .		2
4	Wildlife-microbiome interactions and disease: exploring opportunities for disease mitigation across ecological scales. <i>Drug Discovery Today: Disease Models</i> , 2018, 28, 105-115.	1.2	25
5	Gut microbes as a therapeutic armory. <i>Drug Discovery Today: Disease Models</i> , 2018, 28, 51-59.	1.2	3
6	Combination of Principal Component Analysis and Genetic Algorithm for Microbial Biomarker Identification in Obesity. , 2018, , .		1
7	Activity-Based Protein Profilingâ€”Enabling Multimodal Functional Studies of Microbial Communities. <i>Current Topics in Microbiology and Immunology</i> , 2018, 420, 1-21.	0.7	17
8	Purple Corn Extract as Anti-allodynic Treatment for Trigeminal Pain: Role of Microglia. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 378.	1.8	29
9	Myalgic Encephalomyelitis/Chronic Fatigue Syndrome in the Era of the Human Microbiome: Persistent Pathogens Drive Chronic Symptoms by Interfering With Host Metabolism, Gene Expression, and Immunity. <i>Frontiers in Pediatrics</i> , 2018, 6, 373.	0.9	53
10	Surface Exposure and Packing of Lipoproteins into Outer Membrane Vesicles Are Coupled Processes in <i>Bacteroides</i> . <i>MSphere</i> , 2018, 3, .	1.3	57
11	Expanded skin virome in DOCK8-deficient patients. <i>Nature Medicine</i> , 2018, 24, 1815-1821.	15.2	104
12	Inhaled nanomaterials and the respiratory microbiome: clinical, immunological and toxicological perspectives. <i>Particle and Fibre Toxicology</i> , 2018, 15, 46.	2.8	84
13	Intimate Crosstalk in Lower Airways at the Beginning of Life. <i>Cell Host and Microbe</i> , 2018, 24, 758-759.	5.1	2
14	Microbe-derived extracellular vesicles as a smart drug delivery system. <i>Translational and Clinical Pharmacology</i> , 2018, 26, 103.	0.3	37
15	Linking gut microbiota, metabolic syndrome and economic status based on a population-level analysis. <i>Microbiome</i> , 2018, 6, 172.	4.9	131
16	The role of the gut microbiome in shaping the immune system of chickens. <i>Veterinary Immunology and Immunopathology</i> , 2018, 204, 44-51.	0.5	107
17	Impact of antibiotic use on survival in patients with advanced cancers treated on immune checkpoint inhibitor phase I clinical trials. <i>Annals of Oncology</i> , 2018, 29, 2396-2398.	0.6	52
18	Functional Microbiomics. <i>Methods</i> , 2018, 149, 1-2.	1.9	2
19	The Relevance and Challenges of Studying Microbial Evolution. <i>Grand Challenges in Biology and Biotechnology</i> , 2018, , 1-11.	2.4	1

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20	Defining Dysbiosis in Disorders of Movement and Motivation. <i>Journal of Neuroscience</i> , 2018, 38, 9414-9422.	1.7	17
21	The human microbiota in pulmonary tuberculosis: Not so innocent bystanders. <i>Tuberculosis</i> , 2018, 113, 215-221.	0.8	20
22	Microbial enterotypes in personalized nutrition and obesity management. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 645-651.	2.2	131
23	Cloacal and Ocular Microbiota of the Endangered Australian Northern Quoll. <i>Microorganisms</i> , 2018, 6, 68.	1.6	5
24	Pharmacology in the age of the holobiont. <i>Current Opinion in Systems Biology</i> , 2018, 10, 34-42.	1.3	6
25	Dietary Nitrate and Diet Quality: An Examination of Changing Dietary Intakes within a Representative Sample of Australian Women. <i>Nutrients</i> , 2018, 10, 1005.	1.7	15
26	Antimicrobial and Antibiofilm Activities of Citrus Water-Extracts Obtained by Microwave-Assisted and Conventional Methods. <i>Biomedicines</i> , 2018, 6, 70.	1.4	29
27	Dysbiotic drift and biopsychosocial medicine: how the microbiome links personal, public and planetary health. <i>BioPsychoSocial Medicine</i> , 2018, 12, 7.	0.9	40
28	Regional variation limits applications of healthy gut microbiome reference ranges and disease models. <i>Nature Medicine</i> , 2018, 24, 1532-1535.	15.2	629
29	Microbiology of the built environment. <i>Nature Reviews Microbiology</i> , 2018, 16, 661-670.	13.6	184
30	Contribution of the commensal microbiota to atherosclerosis and arterial thrombosis. <i>British Journal of Pharmacology</i> , 2018, 175, 4439-4449.	2.7	26
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32	Microbiome, probiotics and dermatology. <i>British Journal of Dermatology</i> , 2019, 182, 8-9.	1.4	3
33	Protocatechuic acid from chicory is bioavailable and undergoes partial glucuronidation and sulfation in healthy humans. <i>Food Science and Nutrition</i> , 2019, 7, 3071-3080.	1.5	23
34	Consumption of a <i>Leuconostoc holzapfelii</i> -enriched synbiotic beverage alters the composition of the microbiota and microbial extracellular vesicles. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-11.	3.2	11
35	Dietary plants, gut microbiota, and obesity: Effects and mechanisms. <i>Trends in Food Science and Technology</i> , 2019, 92, 194-204.	7.8	119
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37	Heterogeneity spacers in 16S rDNA primers improve analysis of mouse gut microbiomes via greater nucleotide diversity. <i>BioTechniques</i> , 2019, 67, 55-62.	0.8	14

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39	Plant Diversity and Fertilizer Management Shape the Belowground Microbiome of Native Grass Bioenergy Feedstocks. <i>Frontiers in Plant Science</i> , 2019, 10, 1018.	1.7	19
40	Bringing It Altogether: A Systems Biology Approach to Biomarkers in Inflammatory Bowel Disease. , 2019, , 353-358.		0
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44	Learning from Antibodies: Phage Host-Range Engineering. <i>Cell Host and Microbe</i> , 2019, 26, 445-446.	5.1	3
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56	The Need for Alternative Insect Protein in Africa. <i>Annals of the Entomological Society of America</i> , 2019, 112, 566-575.	1.3	2

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57	New Insights on Obesity and Diabetes from Gut Microbiome Alterations in Egyptian Adults. <i>OMICS A Journal of Integrative Biology</i> , 2019, 23, 477-485.	1.0	31
58	Host and microbiome multi-omics integration: applications and methodologies. <i>Biophysical Reviews</i> , 2019, 11, 55-65.	1.5	66
59	The ameliorative effect of the <i>Pyracantha fortuneana</i> (Maxim.) H. L. Li extract on intestinal barrier dysfunction through modulating glycolipid digestion and gut microbiota in high fat diet-fed rats. <i>Food and Function</i> , 2019, 10, 6517-6532.	2.1	23
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66	Gut Dysfunction and Non-alcoholic Fatty Liver Disease. <i>Frontiers in Endocrinology</i> , 2019, 10, 611.	1.5	69
67	Comparative analysis of the fecal microbiota from different species of domesticated and wild suids. <i>Scientific Reports</i> , 2019, 9, 13616.	1.6	30
68	The Microbial Pecking Order: Utilization of Intestinal Microbiota for Poultry Health. <i>Microorganisms</i> , 2019, 7, 376.	1.6	51
69	Editorial overview: CNS diseases and the microbiome. <i>Current Opinion in Pharmacology</i> , 2019, 48, x-xii.	1.7	2
70	Prenatal and postnatal contributions of the maternal microbiome on offspring programming. <i>Frontiers in Neuroendocrinology</i> , 2019, 55, 100797.	2.5	77
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76	Gut Mycobiota in Immunity and Inflammatory Disease. <i>Immunity</i> , 2019, 50, 1365-1379.	6.6	158
77	Morphine tolerance is attenuated in germfree mice and reversed by probiotics, implicating the role of gut microbiome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 13523-13532.	3.3	98
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80	Association Between Gut Microbiota and Autism Spectrum Disorder: A Systematic Review and Meta-Analysis. <i>Frontiers in Psychiatry</i> , 2019, 10, 473.	1.3	191
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89	The Evolution and Ecology of Bacterial Warfare. <i>Current Biology</i> , 2019, 29, R521-R537.	1.8	311
90	A Review and Tutorial of Machine Learning Methods for Microbiome Host Trait Prediction. <i>Frontiers in Genetics</i> , 2019, 10, 579.	1.1	129
91	Effect of the Degree of Polymerization of Fructans on Ex Vivo Fermented Human Gut Microbiome. <i>Nutrients</i> , 2019, 11, 1293.	1.7	23
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93	Multidisciplinarity in Microbiome Research: A Challenge and Opportunity to Rethink Causation, Variability, and Scale. <i>BioEssays</i> , 2019, 41, e1900007.	1.2	12
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117	Relating Urban Biodiversity to Human Health With the "Holobiont" Concept. <i>Frontiers in Microbiology</i> , 2019, 10, 550.	1.5	64
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122	Host and Microbiome Genome-Wide Association Studies: Current State and Challenges. <i>Frontiers in Genetics</i> , 2018, 9, 637.	1.1	71
123	Reviews on Biomarker Studies in Psychiatric and Neurodegenerative Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2019, , .	0.8	6
124	Gut Microbiota, a Potential New Target for Chinese Herbal Medicines in Treating Diabetes Mellitus. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-11.	0.5	31
125	The Intestinal Microbiome, Plasma Metabolome, and Liver Transcriptome: A Conspiracy Driving Hepatic Steatosis. <i>Hepatology</i> , 2019, 70, 741-744.	3.6	4
126	Advances in Biomarker Studies in Autism Spectrum Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1118, 207-233.	0.8	36
127	The gut microbiota and blood pressure in experimental models. <i>Current Opinion in Nephrology and Hypertension</i> , 2019, 28, 97-104.	1.0	44
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138	The microbiome. <i>Current Opinion in Anaesthesiology</i> , 2019, 32, 412-420.	0.9	22
139	Selection of microbial biomarkers with genetic algorithm and principal component analysis. <i>BMC Bioinformatics</i> , 2019, 20, 413.	1.2	9
140	Disruption of the Gut Microbiome Increases the Risk of Periprosthetic Joint Infection in Mice. <i>Clinical Orthopaedics and Related Research</i> , 2019, 477, 2588-2598.	0.7	25
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144	Clinical Indications and Compassionate Use of Phage Therapy: Personal Experience and Literature Review with a Focus on Osteoarticular Infections. <i>Viruses</i> , 2019, 11, 18.	1.5	90
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149	Composition of gut microbiota and its association with body mass index and lifestyle factors in a cohort of 7-18 years old children from the American Gut Project. <i>Pediatric Obesity</i> , 2019, 14, e12480.	1.4	103
150	Influence of Early Life, Diet, and the Environment on the Microbiome. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 231-242.	2.4	130
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154	Forest Tree Microbiomes and Associated Fungal Endophytes: Functional Roles and Impact on Forest Health. <i>Forests</i> , 2019, 10, 42.	0.9	137
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159	Emerging Role of the Gut Microbiome in Nonalcoholic Fatty Liver Disease: From Composition to Function. <i>Clinical Gastroenterology and Hepatology</i> , 2019, 17, 296-306.	2.4	121
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162	Depression's Unholy Trinity: Dysregulated Stress, Immunity, and the Microbiome. <i>Annual Review of Psychology</i> , 2020, 71, 49-78.	9.9	152
163	The intestinal microbiota fuelling metabolic inflammation. <i>Nature Reviews Immunology</i> , 2020, 20, 40-54.	10.6	573
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169	Manipulating resident microbiota to enhance regulatory immune function to treat inflammatory bowel diseases. <i>Journal of Gastroenterology</i> , 2020, 55, 4-14.	2.3	63
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