Jack A Gilbert

List of Publications by Year
in descending order

269 papers	40,787 citations	6124 83 h-index	3417 189 g-index
314 all docs	314 docs citations	314 times ranked	49958 citing authors

#	Article	IF	Citations
1	Dietary Selection Pressures and Their Impact on the Gut Microbiome. Cellular and Molecular Gastroenterology and Hepatology, 2022, 13, 7-18.	2.3	32
2	Associations between Afrotropical bats, eukaryotic parasites, and microbial symbionts. Molecular Ecology, 2022, 31, 1939-1950.	2.0	10
3	Gestational Insulin Resistance Is Mediated by the Gut Microbiomeâ€“Indoleamine 2,3-Dioxygenase Axis. Gastroenterology, 2022, 162, 1675-1689.e11.	0.6	14
4	Conceptual strategies for characterizing interactions in microbial communities. IScience, 2022, 25, 103775.	1.9	12
5	Gut microbiotaâ€“driven brain AÎ² amyloidosis in mice requires microglia. Journal of Experimental Medicine, 2022, 219, .	4.2	44
6	Phylogeny-Aware Analysis of Metagenome Community Ecology Based on Matched Reference Genomes while Bypassing Taxonomy. MSystems, 2022, 7, e0016722.	1.7	35
7	The impact of maternal asthma on the preterm infants' gut metabolome and microbiome (MAP study). Scientific Reports, 2022, 12, 6437.	1.6	3
8	Effects of â€˜Healthyâ€™ Fecal Microbiota Transplantation against the Deterioration of Depression in Fawn-Hooded Rats. MSystems, 2022, 7, e0021822.	1.7	21
9	Variation in Survival and Gut Microbiome Composition of Hatchery-Grown Native Oysters at Various Locations within the Puget Sound. Microbiology Spectrum, 2022, 10, e0198221.	1.2	4
10	Utility of silhouette showcards to assess adiposity in three countries across the epidemiological transition. PLOS Global Public Health, 2022, 2, e0000127.	0.5	0
11	Synchrony and idiosyncrasy in the gut microbiome of wild baboons. Nature Ecology and Evolution, 2022, 6, 955-964.	3.4	18
12	Quantitative profiling of built environment bacterial and fungal communities reveals dynamic material dependent growth patterns and microbial interactions. Indoor Air, 2021, 31, 188-205.	2.0	10
13	Feasibility of using alternative swabs and storage solutions for paired SARS-CoV-2 detection and microbiome analysis in the hospital environment. Microbiome, 2021, 9, 25.	4.9	13
14	Suppression of local type I interferon by gut microbiotaâ€“derived butyrate impairs antitumor effects of ionizing radiation. Journal of Experimental Medicine, 2021, 218, .	4.2	49
15	Children with Autism and Their Typically Developing Siblings Differ in Amplicon Sequence Variants and Predicted Functions of Stool-Associated Microbes. MSystems, 2021, 6, .	1.7	16
16	Gut microbiota mediate the FGF21 adaptive stress response to chronic dietary protein-restriction in mice. Nature Communications, 2021, 12, 3838.	5.8	22
17	SARS-CoV-2 detection status associates with bacterial community composition in patients and the hospital environment. Microbiome, 2021, 9, 132.	4.9	37
18	A Phylogeny-Informed Analysis of the Global Coral-Symbiodiniaceae Interaction Network Reveals that Traits Correlated with Thermal Bleaching Are Specific to Symbiont Transmission Mode. MSystems, 2021, 6, .	1.7	5

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19	Gut microbiome heritability is nearly universal but environmentally contingent. Science, 2021, 373, 181-186.	6.0	126
20	Soil pH determines bacterial distribution and assembly processes in natural mountain forests of eastern China. Global Ecology and Biogeography, 2021, 30, 2164-2177.	2.7	48
21	Continental-Scale Paddy Soil Bacterial Community Structure, Function, and Biotic Interaction. MSystems, 2021, 6, e0136820.	1.7	6
22	Differential Fecal Microbiome Dysbiosis after Equivalent Traumatic Brain Injury in Aged Versus Young Adult Mice. , 2021, 2, 120-130.		3
23	Reporting guidelines for human microbiome research: the STORMS checklist. Nature Medicine, 2021, 27, 1885-1892.	15.2	170
24	Bare Versus Hair: Do Pubic Hair Grooming Preferences Dictate the Urogenital Microbiome?. Female Pelvic Medicine and Reconstructive Surgery, 2021, 27, 532-537.	0.6	3
25	Microbiome is not linked to clinical disease severity of familial Mediterranean fever in an international cohort of children. Clinical and Experimental Rheumatology, 2021, 39 Suppl 132, 102-108.	0.4	0
26	Microbiome is not linked to clinical disease severity of familial Mediterranean fever in an international cohort of children. Clinical and Experimental Rheumatology, 2021, 39, 102-108.	0.4	3
27	Analysis of gut microbiome, nutrition and immune status in autism spectrum disorder: a case-control study in Ecuador. Gut Microbes, 2020, 11, 453-464.	4.3	41
28	The Future of Microbiomeâ€Based Therapeutics in Clinical Applications. Clinical Pharmacology and Therapeutics, 2020, 107, 123-128.	2.3	33
29	Western Diet Promotes Intestinal Colonization by Collagenolytic Microbes and Promotes Tumor Formation After Colorectal Surgery. Gastroenterology, 2020, 158, 958-970.e2.	0.6	53
30	Immune Dysregulation in the Tonsillar Microenvironment of Periodic Fever, Aphthous Stomatitis, Pharyngitis, Adenitis (PFAPA) Syndrome. Journal of Clinical Immunology, 2020, 40, 179-190.	2.0	19
31	The emergence of microbiome centres. Nature Microbiology, 2020, 5, 2-3.	5.9	13
32	The ASM Journals Committee Values the Contributions of Black Microbiologists. Infection and Immunity, 2020, 88, .	1.0	0
33	Role of Carbon Monoxide in Hostâ€“Gut Microbiome Communication. Chemical Reviews, 2020, 120, 13273-13311.	23.0	45
34	Introducing the Mangrove Microbiome Initiative: Identifying Microbial Research Priorities and Approaches To Better Understand, Protect, and Rehabilitate Mangrove Ecosystems. MSystems, 2020, 5, .	1.7	40
35	The ASM Journals Committee Values the Contributions of Black Microbiologists. Microbiology Spectrum, 2020, 8, .	1.2	0
36	Response of Horticultural Soil Microbiota to Different Fertilization Practices. Plants, 2020, 9, 1501.	1.6	12

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37	The early gut microbiome could protect against severe retinopathy of prematurity. Journal of AAPOS, 2020, 24, 236-238.	0.2	22
38	Surgical site infections following elective surgery â€“ Authors' reply. Lancet Infectious Diseases, The, 2020, 20, 899.	4.6	3
39	The ASM Journals Committee Values the Contributions of Black Microbiologists. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	0
40	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Virology, 2020, 94, .	1.5	0
41	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Bacteriology, 2020, 202, .	1.0	0
42	Chemical composition of material extractives influences microbial growth and dynamics on wetted wood materials. Scientific Reports, 2020, 10, 14500.	1.6	4
43	The ASM Journals Committee Values the Contributions of Black Microbiologists. Microbiology and Molecular Biology Reviews, 2020, 84, .	2.9	0
44	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Microbiology and Biology Education, 2020, 21, .	0.5	2
45	The ASM Journals Committee Values the Contributions of Black Microbiologists. MSystems, 2020, 5, .	1.7	0
46	The ASM Journals Committee Values the Contributions of Black Microbiologists. Microbiology Resource Announcements, 2020, 9, .	0.3	0
47	The ASM Journals Committee Values the Contributions of Black Microbiologists. MBio, 2020, 11, .	1.8	3
48	Effects of Extended Postmortem Interval on Microbial Communities in Organs of the Human Cadaver. Frontiers in Microbiology, 2020, 11, 569630.	1.5	26
49	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Clinical Microbiology, 2020, 58, .	1.8	1
50	Microbiome profile associated with malignant pleural effusion. PLoS ONE, 2020, 15, e0232181.	1.1	7
51	Fecal microbiota transplant rescues mice from human pathogen mediated sepsis by restoring systemic immunity. Nature Communications, 2020, 11, 2354.	5.8	75
52	Detecting personal microbiota signatures at artificial crime scenes. Forensic Science International, 2020, 313, 110351.	1.3	19
53	Permissive microbiome characterizes human subjects with a neurovascular disease cavernous angioma. Nature Communications, 2020, 11, 2659.	5.8	27
54	Earth microbial co-occurrence network reveals interconnection pattern across microbiomes. Microbiome, 2020, 8, 82.	4.9	239

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55	Spatial Compartmentalization of the Microbiome between the Lumen and Crypts Is Lost in the Murine Cecum following the Process of Surgery, Including Overnight Fasting and Exposure to Antibiotics. MSystems, 2020, 5, .	1.7	21
56	Host microbiomes and disease. , 2020, , 122-153.		1
57	Longitudinal survey of microbiome associated with particulate matter in a megacity. Genome Biology, 2020, 21, 55.	3.8	59
58	Precision medicine in perinatal depression in light of the human microbiome. Psychopharmacology, 2020, 237, 915-941.	1.5	18
59	Microbiota composition modulates inflammation and neointimal hyperplasia after arterial angioplasty. Journal of Vascular Surgery, 2020, 71, 1378-1389.e3.	0.6	4
60	Comparative Analysis of Gut Microbiota Following Changes in Training Volume Among Swimmers. International Journal of Sports Medicine, 2020, 41, 292-299.	0.8	23
61	Re-examining causes of surgical site infections following elective surgery in the era of asepsis. Lancet Infectious Diseases, The, 2020, 20, e38-e43.	4.6	76
62	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. MBio, 2020, 11, .	1.8	204
63	Comparative genetics of Enterococcus faecalis intestinal tissue isolates before and after surgery in a rat model of colon anastomosis. PLoS ONE, 2020, 15, e0232165.	1.1	5
64	Implication of gut microbiota in the association between infant antibiotic exposure and childhood obesity and adiposity accumulation. International Journal of Obesity, 2020, 44, 1508-1520.	1.6	38
65	Contributors to Dysbiosis in Very-Low-Birth-Weight Infants. JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing, 2020, 49, 232-242.	0.2	15
66	The ASM Journals Committee Values the Contributions of Black Microbiologists. Applied and Environmental Microbiology, 2020, 86, .	1.4	1
67	The ASM Journals Committee Values the Contributions of Black Microbiologists. MSphere, 2020, 5, .	1.3	1
68	Bacterial communities associated with cell phones and shoes. PeerJ, 2020, 8, e9235.	0.9	6
69	The ASM Journals Committee Values the Contributions of Black Microbiologists. Molecular and Cellular Biology, 2020, 40, .	1.1	0
70	Microbiome establishment and maturation: early life environmental factors. , 2020, , 21-41.		2
71	The ASM Journals Committee Values the Contributions of Black Microbiologists. Clinical Microbiology Reviews, 2020, 33, .	5.7	1
72	Age and Mothers: Potent Influences of Childrenâ€™s Skin Microbiota. Journal of Investigative Dermatology, 2019, 139, 2497-2505.e6.	0.3	46

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73	Associations between fungal and bacterial microbiota of airways and asthma endotypes. Journal of Allergy and Clinical Immunology, 2019, 144, 1214-1227.e7.	1.5	96
74	The human microbiota is associated with cardiometabolic risk across the epidemiologic transition. PLoS ONE, 2019, 14, e0215262.	1.1	29
75	Mice Fed an Obesogenic Western Diet, Administered Antibiotics, and Subjected to a Sterile Surgical Procedure Develop Lethal Septicemia with Multidrug-Resistant Pathobionts. MBio, 2019, 10, .	1.8	34
76	Microbial Similarity between Students in a Common Dormitory Environment Reveals the Forensic Potential of Individual Microbial Signatures. MBio, 2019, 10, .	1.8	31
77	The Origin, Succession, and Predicted Metabolism of Bacterial Communities Associated with Leaf Decomposition. MBio, 2019, 10, .	1.8	9
78	Microbial Exchange via Fomites and Implications for Human Health. Current Pollution Reports, 2019, 5, 198-213.	3.1	92
79	A Simple Microbiome in the European Common Cuttlefish, Sepia officinalis. MSystems, 2019, 4, .	1.7	13
80	Community ecology as a framework for human microbiome research. Nature Medicine, 2019, 25, 884-889.	15.2	96
81	Quantifying and Understanding Well-to-Well Contamination in Microbiome Research. MSystems, 2019, 4, .	1.7	132
82	Concurrent measurement of microbiome and allergens in the air of bedrooms of allergy disease patients in the Chicago area. Microbiome, 2019, 7, 82.	4.9	31
83	Longitudinal homogenization of the microbiome between both occupants and the built environment in a cohort of United States Air Force Cadets. Microbiome, 2019, 7, 70.	4.9	33
84	Early-Career Scientists Shaping the World. MSystems, 2019, 4, .	1.7	0
85	Sex-specific effects of microbiome perturbations on cerebral AÎ² amyloidosis and microglia phenotypes. Journal of Experimental Medicine, 2019, 216, 1542-1560.	4.2	165
86	Agricultural Risk Factors Influence Microbial Ecology in Honghu Lake. Genomics, Proteomics and Bioinformatics, 2019, 17, 76-90.	3.0	31
87	Microbial and metabolic succession on common building materials under high humidity conditions. Nature Communications, 2019, 10, 1767.	5.8	46
88	The urgent need for microbiology literacy in society. Environmental Microbiology, 2019, 21, 1513-1528.	1.8	99
89	Impacts of indoor surface finishes on bacterial viability. Indoor Air, 2019, 29, 551-562.	2.0	28
90	Pharmacomicrobiomics: The Holy Grail to Variability in Drug Response?. Clinical Pharmacology and Therapeutics, 2019, 106, 317-328.	2.3	49

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91	Ecology and Host Identity Outweigh Evolutionary History in Shaping the Bat Microbiome. MSystems, 2019, 4, .	1.7	54
92	Enteric dysbiosis and fecal calprotectin expression in premature infants. Pediatric Research, 2019, 85, 361-368.	1.1	25
93	Phylogenetic imprint of woody plants on the soil mycobiome in natural mountain forests of eastern China. ISME Journal, 2019, 13, 686-697.	4.4	76
94	GABA-modulating bacteria of the human gut microbiota. Nature Microbiology, 2019, 4, 396-403.	5.9	590
95	The Human Microbiome in Health and Disease. , 2019, , 607-618.		8
96	Ecological medicine. Environmental Microbiology, 2018, 20, 1917-1919.	1.8	3
97	Current State of Knowledge on Implications of Gut Microbiome for Surgical Conditions. Journal of Gastrointestinal Surgery, 2018, 22, 1112-1123.	0.9	8
98	Soil Bacterial Diversity Is Associated with Human Population Density in Urban Greenspaces. Environmental Science & Technology, 2018, 52, 5115-5124.	4.6	50
99	Current understanding of the human microbiome. Nature Medicine, 2018, 24, 392-400.	15.2	1,593
100	Systems biology of the human microbiome. Current Opinion in Biotechnology, 2018, 51, 146-153.	3.3	28
101	Salinity is a key factor driving the nitrogen cycling in the mangrove sediment. Science of the Total Environment, 2018, 631-632, 1342-1349.	3.9	120
102	Decreased microbial co-occurrence network stability and SCFA receptor level correlates with obesity in African-origin women. Scientific Reports, 2018, 8, 17135.	1.6	42
103	Gut microbial features can predict host phenotype response to protein deficiency. Physiological Reports, 2018, 6, e13932.	0.7	17
104	Bacterial and Archaeal Viruses of Himalayan Hot Springs at Manikaran Modulate Host Genomes. Frontiers in Microbiology, 2018, 9, 3095.	1.5	27
105	Preserving microbial diversity. Science, 2018, 362, 33-34.	6.0	133
106	Microbial exposure and human health. Current Opinion in Microbiology, 2018, 44, 79-87.	2.3	32
107	American Gut: an Open Platform for Citizen Science Microbiome Research. MSystems, 2018, 3, .	1.7	604
108	Environmental Sources of Bacteria Differentially Influence Host-Associated Microbial Dynamics. MSystems, 2018, 3, .	1.7	35

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109	Gut microbiota, short chain fatty acids, and obesity across the epidemiologic transition: the METS-Microbiome study protocol. BMC Public Health, 2018, 18, 978.	1.2	32
110	Dysbiosis in Children Born by Caesarean Section. Annals of Nutrition and Metabolism, 2018, 73, 24-32.	1.0	19
111	Genetic correlation network prediction of forest soil microbial functional organization. ISME Journal, 2018, 12, 2492-2505.	4.4	63
112	Metagenomic analysis of basal ice from an Alaskan glacier. Microbiome, 2018, 6, 123.	4.9	22
113	Microbiology of the built environment. Nature Reviews Microbiology, 2018, 16, 661-670.	13.6	184
114	How do we make indoor environments and healthcare settings healthier?. Microbial Biotechnology, 2017, 10, 11-13.	2.0	9
115	The human microbiome: an emerging tool in forensics. Microbial Biotechnology, 2017, 10, 228-230.	2.0	55
116	Distinct Biogeographic Patterns for Archaea, Bacteria, and Fungi along the Vegetation Gradient at the Continental Scale in Eastern China. MSystems, 2017, 2, .	1.7	116
117	The Microbiome-Mitochondrion Connection: Common Ancestries, Common Mechanisms, Common Goals. MSystems, 2017, 2, .	1.7	51
118	Preparing the Bowel for Surgery: Learning from the Past and Planning for the Future. Journal of the American College of Surgeons, 2017, 225, 324-332.	0.2	17
119	Bacterial colonization and succession in a newly opened hospital. Science Translational Medicine, 2017, 9, .	5.8	248
120	Significant Impacts of Increasing Aridity on the Arid Soil Microbiome. MSystems, 2017, 2, .	1.7	141
121	Celebrating parasites. Nature Genetics, 2017, 49, 483-484.	9.4	25
122	Invasive Plants Rapidly Reshape Soil Properties in a Grassland Ecosystem. MSystems, 2017, 2, .	1.7	91
123	Identifying the plantâ€associated microbiome across aquatic and terrestrial environments: the effects of amplification method on taxa discovery. Molecular Ecology Resources, 2017, 17, 931-942.	2.2	25
124	A communal catalogue reveals Earthâ€™s multiscale microbial diversity. Nature, 2017, 551, 457-463.	13.7	1,942
125	Specific Signatures of the Gut Microbiota and Increased Levels of Butyrate in Children Treated with Fermented Cow's Milk Containing Heat-Killed Lactobacillus paracasei CBA L74. Applied and Environmental Microbiology, 2017, 83, .	1.4	92
126	Taxonomic and functional patterns across soil microbial communities of global biomes. Science of the Total Environment, 2017, 609, 1064-1074.	3.9	32

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127	Rhizosphere-associated bacterial network structure and spatial distribution differ significantly from bulk soil in wheat crop fields. Soil Biology and Biochemistry, 2017, 113, 275-284.	4.2	210
128	Introducing the Microbiome into Precision Medicine. Trends in Pharmacological Sciences, 2017, 38, 81-91.	4.0	84
129	Genome reduction in an abundant and ubiquitous soil bacterium â€˜Candidatus Udaeobacter copiosusâ€™. Nature Microbiology, 2017, 2, 16198.	5.9	168
130	The antibiotic resistome of swine manure is significantly altered by association with the Musca domestica larvae gut microbiome. ISME Journal, 2017, 11, 100-111.	4.4	101
131	Change in Emiliania huxleyi Virus Assemblage Diversity but Not in Host Genetic Composition during an Ocean Acidification Mesocosm Experiment. Viruses, 2017, 9, 41.	1.5	10
132	Three Year-Long Amplicon Study of the Chicago Area Waterway System (Caws) Microbiome. Proceedings of the Water Environment Federation, 2017, 2017, 5766-5782.	0.0	0
133	A New Era for the Chicago Area Waterway System: Update from the Metropolitan Water Reclamation District of Greater Chicago. Proceedings of the Water Environment Federation, 2017, 2017, 5738-5753.	0.0	0
134	Responses of Microbial Communities to Hydrocarbon Exposures. Oceanography, 2016, 29, 136-149.	0.5	59
135	ASM Journals Eliminate Impact Factor Information from Journal Websites. Applied and Environmental Microbiology, 2016, 82, 5479-5480.	1.4	1
136	Differential Functional Constraints Cause Strain-Level Endemism in Polynucleobacter Populations. MSystems, 2016, 1, .	1.7	18
137	Microbiome-wide association studies link dynamic microbial consortia to disease. Nature, 2016, 535, 94-103.	13.7	595
138	mSystems : Learning To Love Systems. MSystems, 2016, 1, .	1.7	0
139	ASM Journals Eliminate Impact Factor Information from Journal Websites. MSystems, 2016, 1, .	1.7	3
140	Introducing the JMBE Themed Issue on Scientific Citizenship. Journal of Microbiology and Biology Education, 2016, 17, 1-2.	0.5	1
141	Network-based metabolic analysis and microbial community modeling. Current Opinion in Microbiology, 2016, 31, 124-131.	2.3	79
142	Ten questions concerning the microbiomes of buildings. Building and Environment, 2016, 109, 224-234.	3.0	143
143	ASM Journals Eliminate Impact Factor Information from Journal Websites. Microbiology and Molecular Biology Reviews, 2016, 80, i-ii.	2.9	1
144	Innate Immunity and Asthma Risk in Amish and Hutterite Farm Children. New England Journal of Medicine, 2016, 375, 411-421.	13.9	745

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145	The Oral and Skin Microbiomes of Captive Komodo Dragons Are Significantly Shared with Their Habitat. MSystems, 2016, 1, .	1.7	61
146	ASM Journals Eliminate Impact Factor Information from Journal Websites. Antimicrobial Agents and Chemotherapy, 2016, 60, 5109-5110.	1.4	3
147	ASM Journals Eliminate Impact Factor Information from Journal Websites. Infection and Immunity, 2016, 84, 2407-2408.	1.0	9
148	ASM Journals Eliminate Impact Factor Information from Journal Websites. Journal of Clinical Microbiology, 2016, 54, 2216-2217.	1.8	7
149	ASM Journals Eliminate Impact Factor Information from Journal Websites. Clinical Microbiology Reviews, 2016, 29, i-ii.	5.7	4
150	Diversity, structure and convergent evolution of the global sponge microbiome. Nature Communications, 2016, 7, 11870.	5.8	594
151	ASM Journals Eliminate Impact Factor Information from Journal Websites. MBio, 2016, 7, .	1.8	16
152	Is triclosan harming your microbiome?. Science, 2016, 353, 348-349.	6.0	33
153	Comparative genomic analysis of novel Acinetobacter symbionts: A combined systems biology and genomics approach. Scientific Reports, 2016, 6, 29043.	1.6	33
154	Migraines Are Correlated with Higher Levels of Nitrate-, Nitrite-, and Nitric Oxide-Reducing Oral Microbes in the American Gut Project Cohort. MSystems, 2016, 1, .	1.7	63
155	ASM Journals Eliminate Impact Factor Information from Journal Websites. MSphere, 2016, 1, .	1.3	5
156	Carbon constrains fungal endophyte assemblages along the timberline. Environmental Microbiology, 2016, 18, 2455-2469.	1.8	35
157	Recovering complete and draft population genomes from metagenome datasets. Microbiome, 2016, 4, 8.	4.9	254
158	The obese gut microbiome across the epidemiologic transition. Emerging Themes in Epidemiology, 2016, 13, 2.	1.2	40
159	Geographic patterns of co-occurrence network topological features for soil microbiota at continental scale in eastern China. ISME Journal, 2016, 10, 1891-1901.	4.4	758
160	A New N -Acyl Homoserine Lactone Synthase in an Uncultured Symbiont of the Red Sea Sponge Theonella swinhoei. Applied and Environmental Microbiology, 2016, 82, 1274-1285.	1.4	30
161	Microbial community assembly and metabolic function during mammalian corpse decomposition. Science, 2016, 351, 158-162.	6.0	381
162	Improved Bacterial 16S rRNA Gene (V4 and V4-5) and Fungal Internal Transcribed Spacer Marker Gene Primers for Microbial Community Surveys. MSystems, 2016, 1, .	1.7	1,364

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163	Genomic analysis of 38 Legionella species identifies large and diverse effector repertoires. Nature Genetics, 2016, 48, 167-175.	9.4	235
164	Tools for the Microbiome: Nano and Beyond. ACS Nano, 2016, 10, 6-37.	7.3	137
165	Corticosteroid therapy and airflow obstruction influence the bronchial microbiome, which is distinct from that of bronchoalveolar lavage in asthmatic airways. Journal of Allergy and Clinical Immunology, 2016, 137, 1398-1405.e3.	1.5	128
166	Lactobacillus rhamnosus GG-supplemented formula expands butyrate-producing bacterial strains in food allergic infants. ISME Journal, 2016, 10, 742-750.	4.4	407
167	16Stimator: statistical estimation of ribosomal gene copy numbers from draft genome assemblies. ISME Journal, 2016, 10, 1020-1024.	4.4	40
168	Stool consistency as a major confounding factor affecting microbiota composition: an ignored variable?. Gut, 2016, 65, 1-2.	6.1	27
169	ZIKV â€“ CDB: A Collaborative Database to Guide Research Linking SncRNAs and ZIKA Virus Disease Symptoms. PLoS Neglected Tropical Diseases, 2016, 10, e0004817.	1.3	28
170	Does the brain listen to the gut?. ELife, 2016, 5, .	2.8	3
171	A simple novel device for air sampling by electrokinetic capture. Microbiome, 2015, 3, 79.	4.9	18
172	Arsenic rich Himalayan hot spring metagenomics reveal genetically novel predatorâ€“prey genotypes. Environmental Microbiology Reports, 2015, 7, 812-823.	1.0	47
173	Towards large-cohort comparative studies to define the factors influencing the gut microbial community structure of ASD patients. Microbial Ecology in Health and Disease, 2015, 26, 26555.	3.8	16
174	Spatial and Temporal Variations in Indoor Environmental Conditions, Human Occupancy, and Operational Characteristics in a New Hospital Building. PLoS ONE, 2015, 10, e0118207.	1.1	54
175	The Influence of Age and Gender on Skin-Associated Microbial Communities in Urban and Rural Human Populations. PLoS ONE, 2015, 10, e0141842.	1.1	181
176	Metabolic potential of fatty acid oxidation and anaerobic respiration by abundant members of Thaumarchaeota and Thermoplasmata in deep anoxic peat. ISME Journal, 2015, 9, 2740-2744.	4.4	69
177	Temporal patterns of rarity provide a more complete view of microbial diversity. Trends in Microbiology, 2015, 23, 335-340.	3.5	124
178	The microbe-mediated mechanisms affecting topsoil carbon stock in Tibetan grasslands. ISME Journal, 2015, 9, 2012-2020.	4.4	98
179	Satellite remote sensing data can be used to model marine microbial metabolite turnover. ISME Journal, 2015, 9, 166-179.	4.4	17
180	Whole-grain wheat consumption reduces inflammation in a randomized controlled trial on overweight and obese subjects with unhealthy dietary and lifestyle behaviors: role of polyphenols bound to cereal dietary fiber. American Journal of Clinical Nutrition, 2015, 101, 251-261.	2.2	246

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181	Diverse protist grazers select for virulence-related traits in Legionella. ISME Journal, 2015, 9, 1607-1618.	4.4	52
182	Key metabolic pathways involved in xenobiotic biotransformation and stress responses revealed by transcriptomics of the mangrove oyster Crassostrea brasiliana. Aquatic Toxicology, 2015, 166, 10-20.	1.9	53
183	The ocean sampling day consortium. GigaScience, 2015, 4, 27.	3.3	185
184	Hospital-associated microbiota and implications for nosocomial infections. Trends in Molecular Medicine, 2015, 21, 427-432.	3.5	92
185	Our interface with the built environment: immunity and the indoor microbiota. Trends in Immunology, 2015, 36, 121-123.	2.9	42
186	Methods to assess human occupancy and occupant activity in hospital patient rooms. Building and Environment, 2015, 90, 136-145.	3.0	53
187	Effects of Diurnal Variation of Gut Microbes and High-Fat Feeding on Host Circadian Clock Function and Metabolism. Cell Host and Microbe, 2015, 17, 681-689.	5.1	634
188	Forensic analysis of the microbiome of phones and shoes. Microbiome, 2015, 3, 21.	4.9	140
189	Collagen degradation and MMP9 activation by Enterococcus faecalis contribute to intestinal anastomotic leak. Science Translational Medicine, 2015, 7, 286ra68.	5.8	287
190	The Soil Microbiome Influences Grapevine-Associated Microbiota. MBio, 2015, 6, .	1.8	747
191	Athletic equipment microbiota are shaped by interactions with human skin. Microbiome, 2015, 3, 25.	4.9	36
192	Agricultural intensification and the functional capacity of soil microbes on smallholder African farms. Journal of Applied Ecology, 2015, 52, 744-752.	1.9	42
193	Predicting ecosystem emergent properties at multiple scales. Environmental Microbiology Reports, 2015, 7, 20-22.	1.0	17
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