

Jack A Gilbert

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

243
papers

26,749
citations

72
h-index

161
g-index

314
ext. papers

35,468
ext. citations

11
avg, IF

7.14
L-index

#	Paper	IF	Citations
243	Conceptual strategies for characterizing interactions in microbial communities.. <i>IScience</i> , 2022 , 25, 1037751	16.6	0
242	Gut microbiota-driven brain Amyloidosis in mice requires microglia. <i>Journal of Experimental Medicine</i> , 2022 , 219,	16.6	7
241	Phylogeny-Aware Analysis of Metagenome Community Ecology Based on Matched Reference Genomes while Bypassing Taxonomy.. <i>MSystems</i> , 2022 , e0016722	7.6	3
240	The impact of maternal asthma on the preterm infants' gut metabolome and microbiome (MAP study).. <i>Scientific Reports</i> , 2022 , 12, 6437	4.9	1
239	Effects of 'Healthy' Fecal Microbiota Transplantation against the Deterioration of Depression in Fawn-Hooded Rats.. <i>MSystems</i> , 2022 , e0021822	7.6	
238	Variation in Survival and Gut Microbiome Composition of Hatchery-Grown Native Oysters at Various Locations within the Puget Sound.. <i>Microbiology Spectrum</i> , 2022 , e0198221	8.9	0
237	Utility of silhouette showcards to assess adiposity in three countries across the epidemiological transition. <i>PLOS Global Public Health</i> , 2022 , 2, e0000127		
236	Bare Versus Hair: Do Pubic Hair Grooming Preferences Dictate the Urogenital Microbiome?. <i>Female Pelvic Medicine and Reconstructive Surgery</i> , 2021 , 27, 532-537	1.9	1
235	Reporting guidelines for human microbiome research: the STORMS checklist. <i>Nature Medicine</i> , 2021 , 27, 1885-1892	50.5	19
234	Children with Autism and Their Typically Developing Siblings Differ in Amplicon Sequence Variants and Predicted Functions of Stool-Associated Microbes. <i>MSystems</i> , 2021 , 6,	7.6	2
233	Gut microbiota mediate the FGF21 adaptive stress response to chronic dietary protein-restriction in mice. <i>Nature Communications</i> , 2021 , 12, 3838	17.4	4
232	SARS-CoV-2 detection status associates with bacterial community composition in patients and the hospital environment. <i>Microbiome</i> , 2021 , 9, 132	16.6	15
231	A Phylogeny-Informed Analysis of the Global Coral-Symbiodiniaceae Interaction Network Reveals that Traits Correlated with Thermal Bleaching Are Specific to Symbiont Transmission Mode. <i>MSystems</i> , 2021 , 6,	7.6	1
230	Dietary Selection Pressures and Their Impact on the Gut Microbiome. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021 , 13, 7-18	7.9	5
229	Quantitative profiling of built environment bacterial and fungal communities reveals dynamic material dependent growth patterns and microbial interactions. <i>Indoor Air</i> , 2021 , 31, 188-205	5.4	4
228	Feasibility of using alternative swabs and storage solutions for paired SARS-CoV-2 detection and microbiome analysis in the hospital environment. <i>Microbiome</i> , 2021 , 9, 25	16.6	7
227	Suppression of local type I interferon by gut microbiota-derived butyrate impairs antitumor effects of ionizing radiation. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	12

226	Gut microbiome heritability is nearly universal but environmentally contingent. <i>Science</i> , 2021 , 373, 181-186	3.9	22
225	Associations between Afrotropical bats, eukaryotic parasites, and microbial symbionts. <i>Molecular Ecology</i> , 2021 ,	5.7	1
224	Soil pH determines bacterial distribution and assembly processes in natural mountain forests of eastern China. <i>Global Ecology and Biogeography</i> , 2021 , 30, 2164	6.1	3
223	Continental-Scale Paddy Soil Bacterial Community Structure, Function, and Biotic Interaction. <i>MSystems</i> , 2021 , 6, e0136820	7.6	0
222	Microbiome is not linked to clinical disease severity of familial Mediterranean fever in an international cohort of children. <i>Clinical and Experimental Rheumatology</i> , 2021 , 39 Suppl 132, 102-108	2.2	
221	Microbiome is not linked to clinical disease severity of familial Mediterranean fever in an international cohort of children. <i>Clinical and Experimental Rheumatology</i> , 2021 , 39, 102-108	2.2	1
220	Microbiome profile associated with malignant pleural effusion. <i>PLoS ONE</i> , 2020 , 15, e0232181	3.7	1
219	Fecal microbiota transplant rescues mice from human pathogen mediated sepsis by restoring systemic immunity. <i>Nature Communications</i> , 2020 , 11, 2354	17.4	40
218	Detecting personal microbiota signatures at artificial crime scenes. <i>Forensic Science International</i> , 2020 , 313, 110351	2.6	9
217	Permissive microbiome characterizes human subjects with a neurovascular disease cavernous angioma. <i>Nature Communications</i> , 2020 , 11, 2659	17.4	8
216	Earth microbial co-occurrence network reveals interconnection pattern across microbiomes. <i>Microbiome</i> , 2020 , 8, 82	16.6	80
215	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. <i>MSystems</i> , 2020 , 5,	7.6	9
214	Host microbiomes and disease 2020 , 122-153		0
213	Longitudinal survey of microbiome associated with particulate matter in a megacity. <i>Genome Biology</i> , 2020 , 21, 55	18.3	35
212	Precision medicine in perinatal depression in light of the human microbiome. <i>Psychopharmacology</i> , 2020 , 237, 915-941	4.7	7
211	Microbiota composition modulates inflammation and neointimal hyperplasia after arterial angioplasty. <i>Journal of Vascular Surgery</i> , 2020 , 71, 1378-1389.e3	3.5	2
210	Comparative Analysis of Gut Microbiota Following Changes in Training Volume Among Swimmers. <i>International Journal of Sports Medicine</i> , 2020 , 41, 292-299	3.6	8
209	Re-examining causes of surgical site infections following elective surgery in the era of asepsis. <i>Lancet Infectious Diseases</i> , 2020 , 20, e38-e43	25.5	27

208	Comparative Analyses of Vertebrate Gut Microbiomes Reveal Convergence between Birds and Bats. <i>MBio</i> , 2020 , 11,	7.8	79
207	Comparative genetics of <i>Enterococcus faecalis</i> intestinal tissue isolates before and after surgery in a rat model of colon anastomosis. <i>PLoS ONE</i> , 2020 , 15, e0232165	3.7	2
206	Implication of gut microbiota in the association between infant antibiotic exposure and childhood obesity and adiposity accumulation. <i>International Journal of Obesity</i> , 2020 , 44, 1508-1520	5.5	15
205	Bacterial communities associated with cell phones and shoes. <i>PeerJ</i> , 2020 , 8, e9235	3.1	4
204	Microbiome establishment and maturation: early life environmental factors 2020 , 21-41		
203	Feasibility of using alternative swabs and storage solutions for paired SARS-CoV-2 detection and microbiome analysis in the hospital environment 2020 ,		3
202	Microbial context predicts SARS-CoV-2 prevalence in patients and the hospital built environment 2020 ,		10
201	Western Diet Promotes Intestinal Colonization by Collagenolytic Microbes and Promotes Tumor Formation After Colorectal Surgery. <i>Gastroenterology</i> , 2020 , 158, 958-970.e2	13.3	25
200	Immune Dysregulation in the Tonsillar Microenvironment of Periodic Fever, Aphthous Stomatitis, Pharyngitis, Adenitis (PFAPA) Syndrome. <i>Journal of Clinical Immunology</i> , 2020 , 40, 179-190	5.7	11
199	The emergence of microbiome centres. <i>Nature Microbiology</i> , 2020 , 5, 2-3	26.6	7
198	Role of Carbon Monoxide in Host-Gut Microbiome Communication. <i>Chemical Reviews</i> , 2020 , 120, 13273-13311	13.1	14
197	Introducing the Mangrove Microbiome Initiative: Identifying Microbial Research Priorities and Approaches To Better Understand, Protect, and Rehabilitate Mangrove Ecosystems. <i>MSystems</i> , 2020 , 5,	7.6	12
196	Response of Horticultural Soil Microbiota to Different Fertilization Practices. <i>Plants</i> , 2020 , 9,	4.5	6
195	The early gut microbiome could protect against severe retinopathy of prematurity. <i>Journal of AAPOS</i> , 2020 , 24, 236-238	1.3	9
194	Surgical site infections following elective surgery - Authors' reply. <i>Lancet Infectious Diseases</i> , 2020 , 20, 899	25.5	2
193	Chemical composition of material extractives influences microbial growth and dynamics on wetted wood materials. <i>Scientific Reports</i> , 2020 , 10, 14500	4.9	0
192	Effects of Extended Postmortem Interval on Microbial Communities in Organs of the Human Cadaver. <i>Frontiers in Microbiology</i> , 2020 , 11, 569630	5.7	8
191	Analysis of gut microbiome, nutrition and immune status in autism spectrum disorder: a case-control study in Ecuador. <i>Gut Microbes</i> , 2020 , 11, 453-464	8.8	16

190	The Future of Microbiome-Based Therapeutics in Clinical Applications. <i>Clinical Pharmacology and Therapeutics</i> , 2020 , 107, 123-128	6.1	16
189	Contributors to Dysbiosis in Very-Low-Birth-Weight Infants. <i>JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing</i> , 2020 , 49, 232-242	1.2	5
188	The Origin, Succession, and Predicted Metabolism of Bacterial Communities Associated with Leaf Decomposition. <i>MBio</i> , 2019 , 10,	7.8	6
187	Microbial Exchange via Fomites and Implications for Human Health. <i>Current Pollution Reports</i> , 2019 , 5, 198-213	7.6	56
186	A Simple Microbiome in the European Common Cuttlefish,. <i>MSystems</i> , 2019 , 4,	7.6	9
185	Community ecology as a framework for human microbiome research. <i>Nature Medicine</i> , 2019 , 25, 884-889	10.5	54
184	Quantifying and Understanding Well-to-Well Contamination in Microbiome Research. <i>MSystems</i> , 2019 , 4,	7.6	73
183	Concurrent measurement of microbiome and allergens in the air of bedrooms of allergy disease patients in the Chicago area. <i>Microbiome</i> , 2019 , 7, 82	16.6	13
182	Longitudinal homogenization of the microbiome between both occupants and the built environment in a cohort of United States Air Force Cadets. <i>Microbiome</i> , 2019 , 7, 70	16.6	17
181	Sex-specific effects of microbiome perturbations on cerebral Amyloidosis and microglia phenotypes. <i>Journal of Experimental Medicine</i> , 2019 , 216, 1542-1560	16.6	93
180	Agricultural Risk Factors Influence Microbial Ecology in Honghu Lake. <i>Genomics, Proteomics and Bioinformatics</i> , 2019 , 17, 76-90	6.5	12
179	Microbial and metabolic succession on common building materials under high humidity conditions. <i>Nature Communications</i> , 2019 , 10, 1767	17.4	30
178	Impacts of indoor surface finishes on bacterial viability. <i>Indoor Air</i> , 2019 , 29, 551-562	5.4	16
177	Pharmacomicrobiomics: The Holy Grail to Variability in Drug Response?. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 317-328	6.1	33
176	Age and Mothers: Potent Influences of Children's Skin Microbiota. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 2497-2505.e6	4.3	17
175	Associations between fungal and bacterial microbiota of airways and asthma endotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1214-1227.e7	11.5	45
174	The human microbiota is associated with cardiometabolic risk across the epidemiologic transition. <i>PLoS ONE</i> , 2019 , 14, e0215262	3.7	16
173	Mice Fed an Obesogenic Western Diet, Administered Antibiotics, and Subjected to a Sterile Surgical Procedure Develop Lethal Septicemia with Multidrug-Resistant Pathobionts. <i>MBio</i> , 2019 , 10,	7.8	22

172	Microbial Similarity between Students in a Common Dormitory Environment Reveals the Forensic Potential of Individual Microbial Signatures. <i>MBio</i> , 2019 , 10,	7.8	18
171	Ecology and Host Identity Outweigh Evolutionary History in Shaping the Bat Microbiome. <i>MSystems</i> , 2019 , 4,	7.6	22
170	Enteric dysbiosis and fecal calprotectin expression in premature infants. <i>Pediatric Research</i> , 2019 , 85, 361-368	3.2	16
169	Phylogenetic imprint of woody plants on the soil mycobiome in natural mountain forests of eastern China. <i>ISME Journal</i> , 2019 , 13, 686-697	11.9	37
168	GABA-modulating bacteria of the human gut microbiota. <i>Nature Microbiology</i> , 2019 , 4, 396-403	26.6	296
167	The Human Microbiome in Health and Disease 2019 , 607-618		7
166	Current State of Knowledge on Implications of Gut Microbiome for Surgical Conditions. <i>Journal of Gastrointestinal Surgery</i> , 2018 , 22, 1112-1123	3.3	7
165	Soil Bacterial Diversity Is Associated with Human Population Density in Urban Greenspaces. <i>Environmental Science & Technology</i> , 2018 , 52, 5115-5124	10.3	21
164	Current understanding of the human microbiome. <i>Nature Medicine</i> , 2018 , 24, 392-400	50.5	823
163	Systems biology of the human microbiome. <i>Current Opinion in Biotechnology</i> , 2018 , 51, 146-153	11.4	22
162	Salinity is a key factor driving the nitrogen cycling in the mangrove sediment. <i>Science of the Total Environment</i> , 2018 , 631-632, 1342-1349	10.2	57
161	Gut microbiota, short chain fatty acids, and obesity across the epidemiologic transition: the METS-Microbiome study protocol. <i>BMC Public Health</i> , 2018 , 18, 978	4.1	16
160	Dysbiosis in Children Born by Caesarean Section. <i>Annals of Nutrition and Metabolism</i> , 2018 , 73 Suppl 3, 24-32	4.5	9
159	Genetic correlation network prediction of forest soil microbial functional organization. <i>ISME Journal</i> , 2018 , 12, 2492-2505	11.9	40
158	Metagenomic analysis of basal ice from an Alaskan glacier. <i>Microbiome</i> , 2018 , 6, 123	16.6	12
157	Microbiology of the built environment. <i>Nature Reviews Microbiology</i> , 2018 , 16, 661-670	22.2	97
156	Decreased microbial co-occurrence network stability and SCFA receptor level correlates with obesity in African-origin women. <i>Scientific Reports</i> , 2018 , 8, 17135	4.9	15
155	Gut microbial features can predict host phenotype response to protein deficiency. <i>Physiological Reports</i> , 2018 , 6, e13932	2.6	6

154	Bacterial and Archaeal Viruses of Himalayan Hot Springs at Manikaran Modulate Host Genomes. <i>Frontiers in Microbiology</i> , 2018 , 9, 3095	5.7	13
153	Preserving microbial diversity. <i>Science</i> , 2018 , 362, 33-34	33.3	84
152	Microbial exposure and human health. <i>Current Opinion in Microbiology</i> , 2018 , 44, 79-87	7.9	15
151	American Gut: an Open Platform for Citizen Science Microbiome Research. <i>MSystems</i> , 2018 , 3,	7.6	336
150	Environmental Sources of Bacteria Differentially Influence Host-Associated Microbial Dynamics. <i>MSystems</i> , 2018 , 3,	7.6	17
149	How do we make indoor environments and healthcare settings healthier?. <i>Microbial Biotechnology</i> , 2017 , 10, 11-13	6.3	6
148	Distinct Biogeographic Patterns for Archaea, Bacteria, and Fungi along the Vegetation Gradient at the Continental Scale in Eastern China. <i>MSystems</i> , 2017 , 2,	7.6	63
147	Forensic microbiology in built environments 2017 , 328-338		2
146	The Microbiome-Mitochondrion Connection: Common Ancestries, Common Mechanisms, Common Goals. <i>MSystems</i> , 2017 , 2,	7.6	34
145	Preparing the Bowel for Surgery: Learning from the Past and Planning for the Future. <i>Journal of the American College of Surgeons</i> , 2017 , 225, 324-332	4.4	13
144	Bacterial colonization and succession in a newly opened hospital. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	146
143	Significant Impacts of Increasing Aridity on the Arid Soil Microbiome. <i>MSystems</i> , 2017 , 2,	7.6	80
142	Celebrating parasites. <i>Nature Genetics</i> , 2017 , 49, 483-484	36.3	19
141	Invasive Plants Rapidly Reshape Soil Properties in a Grassland Ecosystem. <i>MSystems</i> , 2017 , 2,	7.6	53
140	Identifying the plant-associated microbiome across aquatic and terrestrial environments: the effects of amplification method on taxa discovery. <i>Molecular Ecology Resources</i> , 2017 , 17, 931-942	8.4	19
139	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017 , 551, 457-463	50.4	1076
138	Specific Signatures of the Gut Microbiota and Increased Levels of Butyrate in Children Treated with Fermented Cow's Milk Containing Heat-Killed <i>Lactobacillus paracasei</i> CBA L74. <i>Applied and Environmental Microbiology</i> , 2017 , 83,	4.8	55
137	Taxonomic and functional patterns across soil microbial communities of global biomes. <i>Science of the Total Environment</i> , 2017 , 609, 1064-1074	10.2	24

136	Rhizosphere-associated bacterial network structure and spatial distribution differ significantly from bulk soil in wheat crop fields. <i>Soil Biology and Biochemistry</i> , 2017 , 113, 275-284	7.5	115
135	Introducing the Microbiome into Precision Medicine. <i>Trends in Pharmacological Sciences</i> , 2017 , 38, 81-91	13.2	58
134	The antibiotic resistome of swine manure is significantly altered by association with the <i>Musca domestica</i> larvae gut microbiome. <i>ISME Journal</i> , 2017 , 11, 100-111	11.9	72
133	Change in <i>Emiliana huxleyi</i> Virus Assemblage Diversity but Not in Host Genetic Composition during an Ocean Acidification Mesocosm Experiment. <i>Viruses</i> , 2017 , 9,	6.2	8
132	Three Year-Long Amplicon Study of the Chicago Area Waterway System (Caws) Microbiome. <i>Proceedings of the Water Environment Federation</i> , 2017 , 2017, 5766-5782		
131	A New Era for the Chicago Area Waterway System: Update from the Metropolitan Water Reclamation District of Greater Chicago. <i>Proceedings of the Water Environment Federation</i> , 2017 , 2017, 5738-5753		
130	16S-timinator: statistical estimation of ribosomal gene copy numbers from draft genome assemblies. <i>ISME Journal</i> , 2016 , 10, 1020-4	11.9	20
129	Stool consistency as a major confounding factor affecting microbiota composition: an ignored variable?. <i>Gut</i> , 2016 , 65, 1-2	19.2	19
128	Diversity, structure and convergent evolution of the global sponge microbiome. <i>Nature Communications</i> , 2016 , 7, 11870	17.4	318
127	MICROBIOME. Is triclosan harming your microbiome?. <i>Science</i> , 2016 , 353, 348-9	33.3	26
126	Comparative genomic analysis of novel <i>Acinetobacter</i> symbionts: A combined systems biology and genomics approach. <i>Scientific Reports</i> , 2016 , 6, 29043	4.9	14
125	Migraines Are Correlated with Higher Levels of Nitrate-, Nitrite-, and Nitric Oxide-Reducing Oral Microbes in the American Gut Project Cohort. <i>MSystems</i> , 2016 , 1,	7.6	29
124	ASM Journals Eliminate Impact Factor Information from Journal Websites. <i>MSphere</i> , 2016 , 1,	5	3
123	Carbon constrains fungal endophyte assemblages along the timberline. <i>Environmental Microbiology</i> , 2016 , 18, 2455-69	5.2	25
122	Recovering complete and draft population genomes from metagenome datasets. <i>Microbiome</i> , 2016 , 4, 8	16.6	158
121	The obese gut microbiome across the epidemiologic transition. <i>Emerging Themes in Epidemiology</i> , 2016 , 13, 2	3.9	33
120	Geographic patterns of co-occurrence network topological features for soil microbiota at continental scale in eastern China. <i>ISME Journal</i> , 2016 , 10, 1891-901	11.9	403
119	A New N-Acyl Homoserine Lactone Synthase in an Uncultured Symbiont of the Red Sea Sponge <i>Theonella swinhoei</i> . <i>Applied and Environmental Microbiology</i> , 2016 , 82, 1274-1285	4.8	19

118	Microbial community assembly and metabolic function during mammalian corpse decomposition. <i>Science</i> , 2016 , 351, 158-62	33.3	256
117	Improved Bacterial 16S rRNA Gene (V4 and V4-5) and Fungal Internal Transcribed Spacer Marker Gene Primers for Microbial Community Surveys. <i>MSystems</i> , 2016 , 1,	7.6	703
116	Genomic analysis of 38 Legionella species identifies large and diverse effector repertoires. <i>Nature Genetics</i> , 2016 , 48, 167-75	36.3	156
115	Tools for the Microbiome: Nano and Beyond. <i>ACS Nano</i> , 2016 , 10, 6-37	16.7	99
114	Corticosteroid therapy and airflow obstruction influence the bronchial microbiome, which is distinct from that of bronchoalveolar lavage in asthmatic airways. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1398-1405.e3	11.5	89
113	Lactobacillus rhamnosus GG-supplemented formula expands butyrate-producing bacterial strains in food allergic infants. <i>ISME Journal</i> , 2016 , 10, 742-50	11.9	251
112	Genome reduction in an abundant and ubiquitous soil bacterium 'Candidatus Udaeobacter copiosus'. <i>Nature Microbiology</i> , 2016 , 2, 16198	26.6	99
111	ZIKV - CDB: A Collaborative Database to Guide Research Linking SncRNAs and ZIKA Virus Disease Symptoms. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004817	4.8	18
110	Does the brain listen to the gut?. <i>ELife</i> , 2016 , 5,	8.9	2
109	Responses of Microbial Communities to Hydrocarbon Exposures. <i>Oceanography</i> , 2016 , 29, 136-149	2.3	47
108	Differential Functional Constraints Cause Strain-Level Endemism in Populations. <i>MSystems</i> , 2016 , 1,	7.6	11
107	Microbiome-wide association studies link dynamic microbial consortia to disease. <i>Nature</i> , 2016 , 535, 94-103	50.4	443
106	Introducing the JMBE Themed Issue on Scientific Citizenship. <i>Journal of Microbiology and Biology Education</i> , 2016 , 17, 1-2	1.3	1
105	Network-based metabolic analysis and microbial community modeling. <i>Current Opinion in Microbiology</i> , 2016 , 31, 124-131	7.9	56
104	Ten questions concerning the microbiomes of buildings. <i>Building and Environment</i> , 2016 , 109, 224-234	6.5	104
103	Innate Immunity and Asthma Risk in Amish and Hutterite Farm Children. <i>New England Journal of Medicine</i> , 2016 , 375, 411-421	59.2	537
102	The Oral and Skin Microbiomes of Captive Komodo Dragons Are Significantly Shared with Their Habitat. <i>MSystems</i> , 2016 , 1,	7.6	41
101	Diverse protist grazers select for virulence-related traits in Legionella. <i>ISME Journal</i> , 2015 , 9, 1607-18	11.9	36

100	Key metabolic pathways involved in xenobiotic biotransformation and stress responses revealed by transcriptomics of the mangrove oyster <i>Crassostrea brasiliana</i> . <i>Aquatic Toxicology</i> , 2015 , 166, 10-20	5.1	40
99	The ocean sampling day consortium. <i>GigaScience</i> , 2015 , 4, 27	7.6	126
98	Hospital-associated microbiota and implications for nosocomial infections. <i>Trends in Molecular Medicine</i> , 2015 , 21, 427-32	11.5	71
97	Our interface with the built environment: immunity and the indoor microbiota. <i>Trends in Immunology</i> , 2015 , 36, 121-3	14.4	38
96	Methods to assess human occupancy and occupant activity in hospital patient rooms. <i>Building and Environment</i> , 2015 , 90, 136-145	6.5	42
95	Effects of diurnal variation of gut microbes and high-fat feeding on host circadian clock function and metabolism. <i>Cell Host and Microbe</i> , 2015 , 17, 681-9	23.4	440
94	Forensic analysis of the microbiome of phones and shoes. <i>Microbiome</i> , 2015 , 3, 21	16.6	108
93	Collagen degradation and MMP9 activation by <i>Enterococcus faecalis</i> contribute to intestinal anastomotic leak. <i>Science Translational Medicine</i> , 2015 , 7, 286ra68	17.5	191
92	The soil microbiome influences grapevine-associated microbiota. <i>MBio</i> , 2015 , 6,	7.8	465
91	Athletic equipment microbiota are shaped by interactions with human skin. <i>Microbiome</i> , 2015 , 3, 25	16.6	31
90	Agricultural intensification and the functional capacity of soil microbes on smallholder African farms. <i>Journal of Applied Ecology</i> , 2015 , 52, 744-752	5.8	31
89	Predicting ecosystem emergent properties at multiple scales. <i>Environmental Microbiology Reports</i> , 2015 , 7, 20-2	3.7	11
88	Housefly Larva Vermicomposting Efficiently Attenuates Antibiotic Resistance Genes in Swine Manure, with Concomitant Bacterial Population Changes. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 7668-79	4.8	32
87	Microbial diversity--exploration of natural ecosystems and microbiomes. <i>Current Opinion in Genetics and Development</i> , 2015 , 35, 66-72	4.9	68
86	The short-chain fatty acid receptor, FFA2, contributes to gestational glucose homeostasis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E840-51	6	42
85	Ecological succession and viability of human-associated microbiota on restroom surfaces. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 765-73	4.8	72
84	Potential contribution of anammox to nitrogen loss from paddy soils in Southern China. <i>Applied and Environmental Microbiology</i> , 2015 , 81, 938-47	4.8	97
83	A simple novel device for air sampling by electrokinetic capture. <i>Microbiome</i> , 2015 , 3, 79	16.6	13

82	Arsenic rich Himalayan hot spring metagenomics reveal genetically novel predator-prey genotypes. <i>Environmental Microbiology Reports</i> , 2015 , 7, 812-23	3.7	36
81	Towards large-cohort comparative studies to define the factors influencing the gut microbial community structure of ASD patients. <i>Microbial Ecology in Health and Disease</i> , 2015 , 26, 26555		13
80	Spatial and temporal variations in indoor environmental conditions, human occupancy, and operational characteristics in a new hospital building. <i>PLoS ONE</i> , 2015 , 10, e0118207	3.7	43
79	The Influence of Age and Gender on Skin-Associated Microbial Communities in Urban and Rural Human Populations. <i>PLoS ONE</i> , 2015 , 10, e0141842	3.7	119
78	Metabolic potential of fatty acid oxidation and anaerobic respiration by abundant members of Thaumarchaeota and Thermoplasmata in deep anoxic peat. <i>ISME Journal</i> , 2015 , 9, 2740-4	11.9	46
77	Temporal patterns of rarity provide a more complete view of microbial diversity. <i>Trends in Microbiology</i> , 2015 , 23, 335-40	12.4	78
76	The microbe-mediated mechanisms affecting topsoil carbon stock in Tibetan grasslands. <i>ISME Journal</i> , 2015 , 9, 2012-20	11.9	60
75	Satellite remote sensing data can be used to model marine microbial metabolite turnover. <i>ISME Journal</i> , 2015 , 9, 166-79	11.9	15
74	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. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 251-61	7	198
73	Social behavior and the microbiome. <i>ELife</i> , 2015 , 4,	8.9	12
72	The complete genome sequence for putative H ₂ S-oxidizer <i>Candidatus Sulfuricurvum</i> sp., assembled de novo from an aquifer-derived metagenome. <i>Environmental Microbiology</i> , 2014 , 16, 3443-62	5.2	51
71	Characterizing changes in soil bacterial community structure in response to short-term warming. <i>FEMS Microbiology Ecology</i> , 2014 , 89, 281-92	4.3	75
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