

Gail Ackermann

List of Publications by Citations

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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.

30
papers

3,695
citations

17
h-index

32
g-index

32
ext. papers

5,519
ext. citations

12.4
avg, IF

4.65
L-index

#	Paper	IF	Citations
30	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017 , 551, 457-463	50.4	1076
29	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
28	Microbiota and Host Nutrition across Plant and Animal Kingdoms. <i>Cell Host and Microbe</i> , 2015 , 17, 603-163.4	13.4	373
27	American Gut: an Open Platform for Citizen Science Microbiome Research. <i>MSystems</i> , 2018 , 3,	7.6	336
26	Microbial community assembly and metabolic function during mammalian corpse decomposition. <i>Science</i> , 2016 , 351, 158-62	33.3	256
25	Qiita: rapid, web-enabled microbiome meta-analysis. <i>Nature Methods</i> , 2018 , 15, 796-798	21.6	231
24	Extreme Dysbiosis of the Microbiome in Critical Illness. <i>MSphere</i> , 2016 , 1,	5	190
23	Three-Dimensional Microbiome and Metabolome Cartography of a Diseased Human Lung. <i>Cell Host and Microbe</i> , 2017 , 22, 705-716.e4	23.4	74
22	Suppression of the gut microbiome ameliorates age-related arterial dysfunction and oxidative stress in mice. <i>Journal of Physiology</i> , 2019 , 597, 2361-2378	3.9	64
21	Exposure to toxic metals triggers unique responses from the rat gut microbiota. <i>Scientific Reports</i> , 2018 , 8, 6578	4.9	60
20	Intermittent Hypoxia and Hypercapnia, a Hallmark of Obstructive Sleep Apnea, Alters the Gut Microbiome and Metabolome. <i>MSystems</i> , 2018 , 3,	7.6	56
19	The impact of skin care products on skin chemistry and microbiome dynamics. <i>BMC Biology</i> , 2019 , 17, 47	7.3	42
18	Vitamin D metabolites and the gut microbiome in older men. <i>Nature Communications</i> , 2020 , 11, 5997	17.4	33
17	Neutrophilic proteolysis in the cystic fibrosis lung correlates with a pathogenic microbiome. <i>Microbiome</i> , 2019 , 7, 23	16.6	32
16	High-Resolution Longitudinal Dynamics of the Cystic Fibrosis Sputum Microbiome and Metabolome through Antibiotic Therapy. <i>MSystems</i> , 2020 , 5,	7.6	24
15	Niche partitioning of a pathogenic microbiome driven by chemical gradients. <i>Science Advances</i> , 2018 , 4, eaau1908	14.3	21
14	redbiom: a Rapid Sample Discovery and Feature Characterization System. <i>MSystems</i> , 2019 , 4,	7.6	17

13	Keemei: cloud-based validation of tabular bioinformatics file formats in Google Sheets. <i>GigaScience</i> , 2016 , 5, 27	7.6	16
12	Molecular and Microbial Microenvironments in Chronically Diseased Lungs Associated with Cystic Fibrosis. <i>MSystems</i> , 2019 , 4,	7.6	15
11	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
10	Intermittent Hypoxia and Hypercapnia Reproducibly Change the Gut Microbiome and Metabolome across Rodent Model Systems. <i>MSystems</i> , 2019 , 4,	7.6	13
9	Assessment of the microbiome during bacteriophage therapy in combination with systemic antibiotics to treat a case of staphylococcal device infection. <i>Microbiome</i> , 2021 , 9, 92	16.6	11
8	Microbial context predicts SARS-CoV-2 prevalence in patients and the hospital built environment 2020 ,		10
7	Evaluation of the Effect of Storage Methods on Fecal, Saliva, and Skin Microbiome Composition. <i>MSystems</i> , 2021 , 6,	7.6	6
6	A comparison of DNA/RNA extraction protocols for high-throughput sequencing of microbial communities. <i>BioTechniques</i> , 2021 , 70, 149-159	2.5	5
5	The effect of legume supplementation on the gut microbiota in rural Malawian infants aged 6 to 12 months. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 884-892	7	4
4	Reference data based insights expand understanding of human metabolomes		4
3	Multi-omics profiling of Earth's biomes reveals that microbial and metabolite composition are shaped by the environment		3
2	Individuals with substance use disorders have a distinct oral microbiome pattern. <i>Brain, Behavior, & Immunity - Health</i> , 2021 , 15, 100271	5.1	3
1	The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients.. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022 ,	7.9	2