

# Gail Ackermann

## 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.

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	The Host-Microbiome Response to Hyperbaric Oxygen Therapy in Ulcerative Colitis Patients.. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , <b>2022</b> ,	7.9	2
29	A comparison of DNA/RNA extraction protocols for high-throughput sequencing of microbial communities. <i>BioTechniques</i> , <b>2021</b> , 70, 149-159	2.5	5
28	Evaluation of the Effect of Storage Methods on Fecal, Saliva, and Skin Microbiome Composition. <i>MSystems</i> , <b>2021</b> , 6,	7.6	6
27	Assessment of the microbiome during bacteriophage therapy in combination with systemic antibiotics to treat a case of staphylococcal device infection. <i>Microbiome</i> , <b>2021</b> , 9, 92	16.6	11
26	SARS-CoV-2 detection status associates with bacterial community composition in patients and the hospital environment. <i>Microbiome</i> , <b>2021</b> , 9, 132	16.6	15
25	Individuals with substance use disorders have a distinct oral microbiome pattern. <i>Brain, Behavior, &amp; Immunity - Health</i> , <b>2021</b> , 15, 100271	5.1	3
24	High-Resolution Longitudinal Dynamics of the Cystic Fibrosis Sputum Microbiome and Metabolome through Antibiotic Therapy. <i>MSystems</i> , <b>2020</b> , 5,	7.6	24
23	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> , <b>2020</b> , 111, 884-892	7	4
22	Microbial context predicts SARS-CoV-2 prevalence in patients and the hospital built environment <b>2020</b> ,		10
21	Vitamin D metabolites and the gut microbiome in older men. <i>Nature Communications</i> , <b>2020</b> , 11, 5997	17.4	33
20	Molecular and Microbial Microenvironments in Chronically Diseased Lungs Associated with Cystic Fibrosis. <i>MSystems</i> , <b>2019</b> , 4,	7.6	15
19	Suppression of the gut microbiome ameliorates age-related arterial dysfunction and oxidative stress in mice. <i>Journal of Physiology</i> , <b>2019</b> , 597, 2361-2378	3.9	64
18	redbiom: a Rapid Sample Discovery and Feature Characterization System. <i>MSystems</i> , <b>2019</b> , 4,	7.6	17
17	The impact of skin care products on skin chemistry and microbiome dynamics. <i>BMC Biology</i> , <b>2019</b> , 17, 47	7.3	42
16	Intermittent Hypoxia and Hypercapnia Reproducibly Change the Gut Microbiome and Metabolome across Rodent Model Systems. <i>MSystems</i> , <b>2019</b> , 4,	7.6	13
15	Neutrophilic proteolysis in the cystic fibrosis lung correlates with a pathogenic microbiome. <i>Microbiome</i> , <b>2019</b> , 7, 23	16.6	32
14	Exposure to toxic metals triggers unique responses from the rat gut microbiota. <i>Scientific Reports</i> , <b>2018</b> , 8, 6578	4.9	60

13	Intermittent Hypoxia and Hypercapnia, a Hallmark of Obstructive Sleep Apnea, Alters the Gut Microbiome and Metabolome. <i>MSystems</i> , <b>2018</b> , 3,	7.6	56
12	Niche partitioning of a pathogenic microbiome driven by chemical gradients. <i>Science Advances</i> , <b>2018</b> , 4, eaau1908	14.3	21
11	Qiita: rapid, web-enabled microbiome meta-analysis. <i>Nature Methods</i> , <b>2018</b> , 15, 796-798	21.6	231
10	American Gut: an Open Platform for Citizen Science Microbiome Research. <i>MSystems</i> , <b>2018</b> , 3,	7.6	336
9	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , <b>2017</b> , 551, 457-463	50.4	1076
8	Three-Dimensional Microbiome and Metabolome Cartography of a Diseased Human Lung. <i>Cell Host and Microbe</i> , <b>2017</b> , 22, 705-716.e4	23.4	74
7	Extreme Dysbiosis of the Microbiome in Critical Illness. <i>MSphere</i> , <b>2016</b> , 1,	5	190
6	Keemei: cloud-based validation of tabular bioinformatics file formats in Google Sheets. <i>GigaScience</i> , <b>2016</b> , 5, 27	7.6	16
5	Microbial community assembly and metabolic function during mammalian corpse decomposition. <i>Science</i> , <b>2016</b> , 351, 158-62	33.3	256
4	Improved Bacterial 16S rRNA Gene (V4 and V4-5) and Fungal Internal Transcribed Spacer Marker Gene Primers for Microbial Community Surveys. <i>MSystems</i> , <b>2016</b> , 1,	7.6	703
3	Microbiota and Host Nutrition across Plant and Animal Kingdoms. <i>Cell Host and Microbe</i> , <b>2015</b> , 17, 603-163.4	3.4	373
2	Reference data based insights expand understanding of human metabolomes		4
1	Multi-omics profiling of Earth's biomes reveals that microbial and metabolite composition are shaped by the environment		3