

# Patrick D. Schloss

## 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.

36  
papers

1,919  
citations

23  
h-index

43  
g-index

55  
ext. papers

2,693  
ext. citations

6.7  
avg, IF

6.08  
L-index

#	Paper	IF	Citations
36	A Goldilocks Principle for the Gut Microbiome: Taxonomic Resolution Matters for Microbiome-Based Classification of Colorectal Cancer.. <i>MBio</i> , <b>2022</b> , e0316121	7.8	1
35	OptiFit: an Improved Method for Fitting Amplicon Sequences to Existing OTUs.. <i>MSphere</i> , <b>2022</b> , e0091624	7.8	0
34	Protection from Lethal <i>Clostridioides difficile</i> Infection via Intraspecies Competition for Cogerminant. <i>MBio</i> , <b>2021</b> , 12,	7.8	7
33	Clearance of <i>Clostridioides difficile</i> Colonization Is Associated with Antibiotic-Specific Bacterial Changes. <i>MSphere</i> , <b>2021</b> , 6,	5	4
32	An Osmotic Laxative Renders Mice Susceptible to Prolonged <i>Clostridioides difficile</i> Colonization and Hinders Clearance. <i>MSphere</i> , <b>2021</b> , 6, e0062921	5	1
31	Coding-Complete RNA Virus Genomes Assembled from Murine Cecal Metatranscriptomes. <i>Microbiology Resource Announcements</i> , <b>2020</b> , 9,	1.3	2
30	A Framework for Effective Application of Machine Learning to Microbiome-Based Classification Problems. <i>MBio</i> , <b>2020</b> , 11,	7.8	47
29	Reintroducing mothur: 10 Years Later. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	51
28	Women Are Underrepresented and Receive Differential Outcomes at ASM Journals: a Six-Year Retrospective Analysis. <i>MBio</i> , <b>2020</b> , 11,	7.8	7
27	The Initial Gut Microbiota and Response to Antibiotic Perturbation Influence <i>Clostridioides difficile</i> Clearance in Mice. <i>MSphere</i> , <b>2020</b> , 5,	5	6
26	Ten simple rules to increase computational skills among biologists with Code Clubs. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1008119	5	2
25	The Impact of DNA Polymerase and Number of Rounds of Amplification in PCR on 16S rRNA Gene Sequence Data. <i>MSphere</i> , <b>2019</b> , 4,	5	50
24	Fecal Short-Chain Fatty Acids Are Not Predictive of Colonic Tumor Status and Cannot Be Predicted Based on Bacterial Community Structure. <i>MBio</i> , <b>2019</b> , 10,	7.8	18
23	The Glucoamylase Inhibitor Acarbose Has a Diet-Dependent and Reversible Effect on the Murine Gut Microbiome. <i>MSphere</i> , <b>2019</b> , 4,	5	30
22	The Proton Pump Inhibitor Omeprazole Does Not Promote <i>Clostridioides difficile</i> Colonization in a Murine Model. <i>MSphere</i> , <b>2019</b> , 4,	5	4
21	Nonsteroidal Anti-inflammatory Drugs Alter the Microbiota and Exacerbate Colitis while Dysregulating the Inflammatory Response. <i>MBio</i> , <b>2019</b> , 10,	7.8	30
20	Spatial Variation of the Native Colon Microbiota in Healthy Adults. <i>Cancer Prevention Research</i> , <b>2018</b> , 11, 393-402	3.2	33

19	In Defense of an Academic Career in Microbiology. <i>MSphere</i> , <b>2018</b> , 3,	5	1
18	Fecal Microbiota Signatures Are Associated with Response to Ustekinumab Therapy among Crohn's Disease Patients. <i>MBio</i> , <b>2018</b> , 9,	7.8	64
17	Alters the Structure and Metabolism of Distinct Cecal Microbiomes during Initial Infection To Promote Sustained Colonization. <i>MSphere</i> , <b>2018</b> , 3,	5	43
16	Biogeography and environmental conditions shape bacteriophage-bacteria networks across the human microbiome. <i>PLoS Computational Biology</i> , <b>2018</b> , 14, e1006099	5	24
15	Leveraging Existing 16S rRNA Gene Surveys To Identify Reproducible Biomarkers in Individuals with Colorectal Tumors. <i>MBio</i> , <b>2018</b> , 9,	7.8	30
14	Identifying and Overcoming Threats to Reproducibility, Replicability, Robustness, and Generalizability in Microbiome Research. <i>MBio</i> , <b>2018</b> , 9,	7.8	82
13	Diagnostic Potential and Interactive Dynamics of the Colorectal Cancer Virome. <i>MBio</i> , <b>2018</b> , 9,	7.8	101
12	Normalization of the microbiota in patients after treatment for colonic lesions. <i>Microbiome</i> , <b>2017</b> , 5, 150	16.6	37
11	OptiClust, an Improved Method for Assigning Amplicon-Based Sequence Data to Operational Taxonomic Units. <i>MSphere</i> , <b>2017</b> , 2,	5	219
10	Colonizes Alternative Nutrient Niches during Infection across Distinct Murine Gut Microbiomes. <i>MSystems</i> , <b>2017</b> , 2,	7.6	82
9	Preprinting Microbiology. <i>MBio</i> , <b>2017</b> , 8,	7.8	8
8	Looking for a Signal in the Noise: Revisiting Obesity and the Microbiome. <i>MBio</i> , <b>2016</b> , 7,	7.8	316
7	Status of the Archaeal and Bacterial Census: an Update. <i>MBio</i> , <b>2016</b> , 7,	7.8	97
6	Manipulation of the Gut Microbiota Reveals Role in Colon Tumorigenesis. <i>MSphere</i> , <b>2016</b> , 1,	5	70
5	Metabolic and Community Synergy of Oral Bacteria in Colorectal Cancer. <i>MSphere</i> , <b>2016</b> , 1,	5	91
4	Application of a Database-Independent Approach To Assess the Quality of Operational Taxonomic Unit Picking Methods. <i>MSystems</i> , <b>2016</b> , 1,	7.6	37
3	Antibiotic-Induced Alterations of the Murine Gut Microbiota and Subsequent Effects on Colonization Resistance against <i>Clostridium difficile</i> . <i>MBio</i> , <b>2015</b> , 6, e00974	7.8	160
2	Dynamics and establishment of <i>Clostridium difficile</i> infection in the murine gastrointestinal tract. <i>Infection and Immunity</i> , <b>2015</b> , 83, 934-41	3.7	100

- 1 Intra- and interindividual variations mask interspecies variation in the microbiota of sympatric peromyscus populations. *Applied and Environmental Microbiology*, **2015**, 81, 396-404 4.8 43