Patrick D. Schloss

List of Publications by Year
in descending order

51	3,150	257101 24	233125 45
papers	citations	h-index	g-index

55	55	55	5804
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Looking for a Signal in the Noise: Revisiting Obesity and the Microbiome. MBio, 2016, 7, .	1.8	430
2	OptiClust, an Improved Method for Assigning Amplicon-Based Sequence Data to Operational Taxonomic Units. MSphere, 2017, 2, .	1.3	365
3	Antibiotic-Induced Alterations of the Murine Gut Microbiota and Subsequent Effects on Colonization Resistance against Clostridium difficile. MBio, 2015, 6, e00974.	1.8	235
4	Diagnostic Potential and Interactive Dynamics of the Colorectal Cancer Virome. MBio, 2018, 9, .	1.8	195
5	Identifying and Overcoming Threats to Reproducibility, Replicability, Robustness, and Generalizability in Microbiome Research. MBio, 2018, 9, .	1.8	164
6	Reintroducing mothur: 10 Years Later. Applied and Environmental Microbiology, 2020, 86, .	1.4	160
7	Dynamics and Establishment of Clostridium difficile Infection in the Murine Gastrointestinal Tract. Infection and Immunity, 2015, 83, 934-941.	1.0	140
8	Clostridium difficile Colonizes Alternative Nutrient Niches during Infection across Distinct Murine Gut Microbiomes. MSystems, 2017, 2, .	1.7	130
9	Metabolic and Community Synergy of Oral Bacteria in Colorectal Cancer. MSphere, 2016, 1, .	1.3	123
10	Status of the Archaeal and Bacterial Census: an Update. MBio, 2016, 7, .	1.8	118
11	A Framework for Effective Application of Machine Learning to Microbiome-Based Classification Problems. MBio, 2020, 11, .	1.8	118
12	Fecal Microbiota Signatures Are Associated with Response to Ustekinumab Therapy among Crohnâ€™s Disease Patients. MBio, 2018, 9, .	1.8	109
13	Manipulation of the Gut Microbiota Reveals Role in Colon Tumorigenesis. MSphere, 2016, 1, .	1.3	94
14	The Impact of DNA Polymerase and Number of Rounds of Amplification in PCR on 16S rRNA Gene Sequence Data. MSphere, 2019, 4, .	1.3	91
15	Clostridium difficile Alters the Structure and Metabolism of Distinct Cecal Microbiomes during Initial Infection To Promote Sustained Colonization. MSphere, 2018, 3, .	1.3	73
16	The Glucoamylase Inhibitor Acarbose Has a Diet-Dependent and Reversible Effect on the Murine Gut Microbiome. MSphere, 2019, 4, .	1.3	68
17	Normalization of the microbiota in patients after treatment for colonic lesions. Microbiome, 2017, 5, 150.	4.9	65
18	Intra- and Interindividual Variations Mask Interspecies Variation in the Microbiota of Sympatric Peromyscus Populations. Applied and Environmental Microbiology, 2015, 81, 396-404.	1.4	54

#	Article	IF	Citations
19	Spatial Variation of the Native Colon Microbiota in Healthy Adults. Cancer Prevention Research, 2018, 11, 393-402.	0.7	49
20	Application of a Database-Independent Approach To Assess the Quality of Operational Taxonomic Unit Picking Methods. MSystems, 2016, 1, .	1.7	48
21	Leveraging Existing 16S rRNA Gene Surveys To Identify Reproducible Biomarkers in Individuals with Colorectal Tumors. MBio, 2018, 9, .	1.8	46
22	Biogeography and environmental conditions shape bacteriophage-bacteria networks across the human microbiome. PLoS Computational Biology, 2018, 14, e1006099.	1.5	45
23	Nonsteroidal Anti-inflammatory Drugs Alter the Microbiota and Exacerbate Clostridium difficile Colitis while Dysregulating the Inflammatory Response. MBio, 2019, 10, .	1.8	39
24	Fecal Short-Chain Fatty Acids Are Not Predictive of Colonic Tumor Status and Cannot Be Predicted Based on Bacterial Community Structure. MBio, 2019, 10, .	1.8	32
25	Women Are Underrepresented and Receive Differential Outcomes at ASM Journals: a Six-Year Retrospective Analysis. MBio, 2020, 11, .	1.8	25
26	Protection from Lethal Clostridioides difficile Infection via Intraspecies Competition for Cogerminant. MBio, 2021, 12, .	1.8	20
27	The Initial Gut Microbiota and Response to Antibiotic Perturbation Influence Clostridioides difficile Clearance in Mice. MSphere, 2020, 5, .	1.3	17
28	Clearance of Clostridioides difficile Colonization Is Associated with Antibiotic-Specific Bacterial Changes. MSphere, 2021, 6, .	1.3	15
29	Preprinting Microbiology. MBio, 2017, 8, .	1.8	12
30	A Goldilocks Principle for the Gut Microbiome: Taxonomic Resolution Matters for Microbiome-Based Classification of Colorectal Cancer. MBio, 2022, 13, e0316121.	1.8	10
31	An Osmotic Laxative Renders Mice Susceptible to Prolonged Clostridioides difficile Colonization and Hinders Clearance. MSphere, 2021, 6, e0062921.	1.3	9
32	Support Science by Publishing in Scientific Society Journals. MBio, 2017, 8, .	1.8	7
33	The Proton Pump Inhibitor Omeprazole Does Not Promote Clostridioides difficile Colonization in a Murine Model. MSphere, 2019, 4, .	1.3	7
34	Ten simple rules to increase computational skills among biologists with Code Clubs. PLoS Computational Biology, 2020, 16, e1008119.	1.5	6
35	The ASM Journals Committee Values the Contributions of Black Microbiologists. MBio, 2020, 11, .	1.8	3
36	Coding-Complete RNA Virus Genomes Assembled from Murine Cecal Metatranscriptomes. Microbiology Resource Announcements, 2020, 9, .	0.3	3

#	Article	IF	Citations
37	OptiFit: an Improved Method for Fitting Amplicon Sequences to Existing OTUs. MSphere, 2022, 7, e0091621.	1.3	3
38	In Defense of an Academic Career in Microbiology. MSphere, 2018, 3, .	1.3	2
39	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Clinical Microbiology, 2020, 58, .	1.8	1
40	The ASM Journals Committee Values the Contributions of Black Microbiologists. Applied and Environmental Microbiology, 2020, 86, .	1.4	1
41	The ASM Journals Committee Values the Contributions of Black Microbiologists. MSphere, 2020, 5, .	1.3	1
42	The ASM Journals Committee Values the Contributions of Black Microbiologists. Clinical Microbiology Reviews, 2020, 33, .	5.7	1
43	The ASM Journals Committee Values the Contributions of Black Microbiologists. Infection and Immunity, 2020, 88, .	1.0	0
44	The ASM Journals Committee Values the Contributions of Black Microbiologists. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	0
45	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Virology, 2020, 94, .	1.5	0
46	The ASM Journals Committee Values the Contributions of Black Microbiologists. Journal of Bacteriology, 2020, 202, .	1.0	0
47	The ASM Journals Committee Values the Contributions of Black Microbiologists. Microbiology and Molecular Biology Reviews, 2020, 84, .	2.9	0
48	The ASM Journals Committee Values the Contributions of Black Microbiologists. MSystems, 2020, 5, .	1.7	0
49	The ASM Journals Committee Values the Contributions of Black Microbiologists. Microbiology Resource Announcements, 2020, 9, .	0.3	0
50	The Decision To Publish Gutierrez-Alvarez et al., â€œMiddle East Respiratory Syndrome Coronavirus Gene 5 Modulates Pathogenesis in Miceâ€• Journal of Virology, 2021, 95, .	1.5	0
51	The ASM Journals Committee Values the Contributions of Black Microbiologists. Molecular and Cellular Biology, 2020, 40, .	1.1	0