

Patrick D. Schloss

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,150
citations

257450

24
h-index

233421

45
g-index

55
all docs

55
docs citations

55
times ranked

5804
citing authors

#	ARTICLE	IF	CITATIONS
1	A Goldilocks Principle for the Gut Microbiome: Taxonomic Resolution Matters for Microbiome-Based Classification of Colorectal Cancer. <i>MBio</i> , 2022, 13, e0316121.	4.1	10
2	OptiFit: an Improved Method for Fitting Amplicon Sequences to Existing OTUs. <i>MSphere</i> , 2022, 7, e0091621.	2.9	3
3	The Decision To Publish Gutierrez-Alvarez et al., "Middle East Respiratory Syndrome Coronavirus Gene 5 Modulates Pathogenesis in Mice" <i>Journal of Virology</i> , 2021, 95, .	3.4	0
4	Protection from Lethal <i>Clostridioides difficile</i> Infection via Intraspecies Competition for Cogerminant. <i>MBio</i> , 2021, 12, .	4.1	20
5	Clearance of <i>Clostridioides difficile</i> Colonization Is Associated with Antibiotic-Specific Bacterial Changes. <i>MSphere</i> , 2021, 6, .	2.9	15
6	An Osmotic Laxative Renders Mice Susceptible to Prolonged <i>Clostridioides difficile</i> Colonization and Hinders Clearance. <i>MSphere</i> , 2021, 6, e0062921.	2.9	9
7	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Infection and Immunity</i> , 2020, 88, .	2.2	0
8	The Initial Gut Microbiota and Response to Antibiotic Perturbation Influence <i>Clostridioides difficile</i> Clearance in Mice. <i>MSphere</i> , 2020, 5, .	2.9	17
9	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	0
10	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Journal of Virology</i> , 2020, 94, .	3.4	0
11	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Journal of Bacteriology</i> , 2020, 202, .	2.2	0
12	Ten simple rules to increase computational skills among biologists with Code Clubs. <i>PLoS Computational Biology</i> , 2020, 16, e1008119.	3.2	6
13	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Microbiology and Molecular Biology Reviews</i> , 2020, 84, .	6.6	0
14	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>MSystems</i> , 2020, 5, .	3.8	0
15	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	0
16	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>MBio</i> , 2020, 11, .	4.1	3
17	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	1
18	Coding-Complete RNA Virus Genomes Assembled from Murine Cecal Metatranscriptomes. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	3

#	ARTICLE	IF	CITATIONS
19	A Framework for Effective Application of Machine Learning to Microbiome-Based Classification Problems. <i>MBio</i> , 2020, 11, .	4.1	118
20	Reintroducing mothur: 10 Years Later. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	160
21	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	1
22	Women Are Underrepresented and Receive Differential Outcomes at ASM Journals: a Six-Year Retrospective Analysis. <i>MBio</i> , 2020, 11, .	4.1	25
23	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>MSphere</i> , 2020, 5, .	2.9	1
24	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Molecular and Cellular Biology</i> , 2020, 40, .	2.3	0
25	The ASM Journals Committee Values the Contributions of Black Microbiologists. <i>Clinical Microbiology Reviews</i> , 2020, 33, .	13.6	1
26	Fecal Short-Chain Fatty Acids Are Not Predictive of Colonic Tumor Status and Cannot Be Predicted Based on Bacterial Community Structure. <i>MBio</i> , 2019, 10, .	4.1	32
27	The Impact of DNA Polymerase and Number of Rounds of Amplification in PCR on 16S rRNA Gene Sequence Data. <i>MSphere</i> , 2019, 4, .	2.9	91
28	The Glucoamylase Inhibitor Acarbose Has a Diet-Dependent and Reversible Effect on the Murine Gut Microbiome. <i>MSphere</i> , 2019, 4, .	2.9	68
29	The Proton Pump Inhibitor Omeprazole Does Not Promote <i>Clostridioides difficile</i> Colonization in a Murine Model. <i>MSphere</i> , 2019, 4, .	2.9	7
30	Nonsteroidal Anti-inflammatory Drugs Alter the Microbiota and Exacerbate <i>Clostridium difficile</i> Colitis while Dysregulating the Inflammatory Response. <i>MBio</i> , 2019, 10, .	4.1	39
31	Spatial Variation of the Native Colon Microbiota in Healthy Adults. <i>Cancer Prevention Research</i> , 2018, 11, 393-402.	1.5	49
32	In Defense of an Academic Career in Microbiology. <i>MSphere</i> , 2018, 3, .	2.9	2
33	Fecal Microbiota Signatures Are Associated with Response to Ustekinumab Therapy among Crohn's Disease Patients. <i>MBio</i> , 2018, 9, .	4.1	109
34	Diagnostic Potential and Interactive Dynamics of the Colorectal Cancer Virome. <i>MBio</i> , 2018, 9, .	4.1	195
35	<i>Clostridium difficile</i> Alters the Structure and Metabolism of Distinct Cecal Microbiomes during Initial Infection To Promote Sustained Colonization. <i>MSphere</i> , 2018, 3, .	2.9	73
36	Biogeography and environmental conditions shape bacteriophage-bacteria networks across the human microbiome. <i>PLoS Computational Biology</i> , 2018, 14, e1006099.	3.2	45

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37	Leveraging Existing 16S rRNA Gene Surveys To Identify Reproducible Biomarkers in Individuals with Colorectal Tumors. MBio, 2018, 9, .	4.1	46
38	Identifying and Overcoming Threats to Reproducibility, Replicability, Robustness, and Generalizability in Microbiome Research. MBio, 2018, 9, .	4.1	164
39	Support Science by Publishing in Scientific Society Journals. MBio, 2017, 8, .	4.1	7
40	OptiClust, an Improved Method for Assigning Amplicon-Based Sequence Data to Operational Taxonomic Units. MSphere, 2017, 2, .	2.9	365
41	<i>Clostridium difficile</i> Colonizes Alternative Nutrient Niches during Infection across Distinct Murine Gut Microbiomes. MSystems, 2017, 2, .	3.8	130
42	Preprinting Microbiology. MBio, 2017, 8, .	4.1	12
43	Normalization of the microbiota in patients after treatment for colonic lesions. Microbiome, 2017, 5, 150.	11.1	65
44	Application of a Database-Independent Approach To Assess the Quality of Operational Taxonomic Unit Picking Methods. MSystems, 2016, 1, .	3.8	48
45	Looking for a Signal in the Noise: Revisiting Obesity and the Microbiome. MBio, 2016, 7, .	4.1	430
46	Status of the Archaeal and Bacterial Census: an Update. MBio, 2016, 7, .	4.1	118
47	Manipulation of the Gut Microbiota Reveals Role in Colon Tumorigenesis. MSphere, 2016, 1, .	2.9	94
48	Metabolic and Community Synergy of Oral Bacteria in Colorectal Cancer. MSphere, 2016, 1, .	2.9	123
49	Antibiotic-Induced Alterations of the Murine Gut Microbiota and Subsequent Effects on Colonization Resistance against <i>Clostridium difficile</i> . MBio, 2015, 6, e00974.	4.1	235
50	Dynamics and Establishment of <i>Clostridium difficile</i> Infection in the Murine Gastrointestinal Tract. Infection and Immunity, 2015, 83, 934-941.	2.2	140
51	Intra- and Interindividual Variations Mask Interspecies Variation in the Microbiota of Sympatric <i>Peromyscus</i> Populations. Applied and Environmental Microbiology, 2015, 81, 396-404.	3.1	54