

Scott Olesen

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.

46
papers

1,277
citations

14
h-index

35
g-index

60
ext. papers

1,884
ext. citations

10.7
avg, IF

4.81
L-index

#	Paper	IF	Citations
46	Analysis of multiple bacterial species and antibiotic classes reveals large variation in the association between seasonal antibiotic use and resistance.. <i>PLoS Biology</i> , 2022 , 20, e3001579	9.7	0
45	Pilot study of autologous fecal microbiota transplants in nursing home residents: Feasibility and safety.. <i>Contemporary Clinical Trials Communications</i> , 2022 , 27, 100906	1.8	1
44	Wastewater network infrastructure in public health: Applications and learnings from the COVID-19 pandemic.. <i>PLOS Global Public Health</i> , 2021 , 1, e0000061		5
43	16S rRNA sequencing of samples from universal stool bank donors. <i>BMC Research Notes</i> , 2021 , 14, 108	2.3	
42	Stool Banking for Fecal Microbiota Transplantation: Methods and Operations at a Large Stool Bank. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 622949	5.9	11
41	Carriage rates of multidrug-resistant organisms among prospective stool donors. <i>Lancet Infectious Diseases, The</i> , 2021 , 21, 454-455	25.5	
40	Fecal Microbiota Transplantation "Donor Effects" Are Not Clinically Relevant for <i>Clostridioides difficile</i> Infection. <i>Gastroenterology</i> , 2021 , 160, 2635-2636	13.3	3
39	Shiga Toxin-Producing <i>Escherichia coli</i> Transmission via Fecal Microbiota Transplant. <i>Clinical Infectious Diseases</i> , 2021 , 72, e876-e880	11.6	20
38	Re-Evaluating the Evidence for Faecal Microbiota Transplantation in Super-Donors in Inflammatory Bowel Disease. <i>Journal of Crohns and Colitis</i> , 2021 , 15, 453-461	1.5	6
37	Viral dynamics of acute SARS-CoV-2 infection and applications to diagnostic and public health strategies. <i>PLoS Biology</i> , 2021 , 19, e3001333	9.7	40
36	Making waves: Defining the lead time of wastewater-based epidemiology for COVID-19. <i>Water Research</i> , 2021 , 202, 117433	12.5	11
35	The role of "spillover" in antibiotic resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 29063-29068	11.5	9
34	Global disparities in faecal microbiota transplantation research. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 241	18.8	12
33	16S rRNA sequencing analysis: the devil is in the details. <i>Gut Microbes</i> , 2020 , 11, 1139-1142	8.8	1
32	Modeling Donor Screening Strategies to Reduce the Risk of Severe Acute Respiratory Syndrome Coronavirus 2 Transmission via Fecal Microbiota Transplantation. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa499	1	3
31	Power calculations for detecting differences in efficacy of fecal microbiota donors. <i>Contemporary Clinical Trials Communications</i> , 2020 , 20, 100674	1.8	1
30	Fecal Microbiota Transplants Annually and Their Positive Clinical Impact. <i>Clinical and Translational Gastroenterology</i> , 2020 , 11, e00247	4.2	0

29	Levels of outpatient prescribing for four major antibiotic classes and rates of septicemia hospitalization in adults in different US states - a statistical analysis. <i>BMC Public Health</i> , 2019 , 19, 1138	4.1	2
28	Outpatient Antibiotic Prescribing in Massachusetts, 2011-2015. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz169	1	11
27	Cumulative Probability of Receiving an Antibiotic Prescription over Time. <i>New England Journal of Medicine</i> , 2019 , 380, 1872-1873	59.2	1
26	Oil Hydrocarbon Degradation by Caspian Sea Microbial Communities. <i>Frontiers in Microbiology</i> , 2019 , 10, 995	5.7	15
25	Response to comment on "The distribution of antibiotic use and its association with antibiotic resistance" <i>ELife</i> , 2019 , 8,	8.9	1
24	Case-based surveillance of antimicrobial resistance with full susceptibility profiles. <i>JAC-Antimicrobial Resistance</i> , 2019 , 1, dlz070	2.9	10
23	Morphological analysis of chiral rod clusters from a coarse-grained single-site chiral potential. <i>Soft Matter</i> , 2019 , 15, 8147-8155	3.6	1
22	Azithromycin Susceptibility Among <i>Neisseria gonorrhoeae</i> Isolates and Seasonal Macrolide Use. <i>Journal of Infectious Diseases</i> , 2019 , 219, 619-623	7	26
21	Searching for superstool: maximizing the therapeutic potential of FMT. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018 , 15, 387-388	24.2	16
20	Designing fecal microbiota transplant trials that account for differences in donor stool efficacy. <i>Statistical Methods in Medical Research</i> , 2018 , 27, 2906-2917	2.3	12
19	Trends in outpatient antibiotic use and prescribing practice among US older adults, 2011-15: observational study. <i>BMJ, The</i> , 2018 , 362, k3155	5.9	38
18	The distribution of antibiotic use and its association with antibiotic resistance. <i>ELife</i> , 2018 , 7,	8.9	69
17	Racial/Ethnic Disparities in Antimicrobial Drug Use, United States, 2014-2015. <i>Emerging Infectious Diseases</i> , 2018 , 24, 2126-2128	10.2	12
16	Estimating the proportion of bystander selection for antibiotic resistance among potentially pathogenic bacterial flora. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11988-E11995	11.5	76
15	Dynamics of microbial populations mediating biogeochemical cycling in a freshwater lake. <i>Microbiome</i> , 2018 , 6, 165	16.6	26
14	Multidrug-resistant <i>Neisseria gonorrhoeae</i> : implications for future treatment strategies. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, 599	25.5	6
13	dbOTU3: A new implementation of distribution-based OTU calling. <i>PLoS ONE</i> , 2017 , 12, e0176335	3.7	13
12	Salt-responsive gut commensal modulates T17 axis and disease. <i>Nature</i> , 2017 , 551, 585-589	50.4	553

11	Dysbiosis is not an answer. <i>Nature Microbiology</i> , 2016 , 1, 16228	26.6	66
10	Surveys, simulation and single-cell assays relate function and phylogeny in a lake ecosystem. <i>Nature Microbiology</i> , 2016 , 1, 16130	26.6	24
9	A Novel Analysis Method for Paired-Sample Microbial Ecology Experiments. <i>PLoS ONE</i> , 2016 , 11, e0154804	9.4	5
8	Natural bacterial communities serve as quantitative geochemical biosensors. <i>MBio</i> , 2015 , 6, e00326-15	7.8	113
7	A left-handed building block self-assembles into right- and left-handed helices. <i>RSC Advances</i> , 2013 , 3, 12905	3.7	14
6	Single molecules reveal the dynamics of heterogeneities in a polymer at the glass transition. <i>Journal of Chemical Physics</i> , 2011 , 134, 024513	3.9	25
5	Estimating the proportion of bystander selection for antibiotic resistance in the US		2
4	The distribution of antibiotic use and its association with antibiotic resistance		1
3	Stool banking for fecal microbiota transplantation: methods and operations at a large stool bank		3
2	Nationwide trends in COVID-19 cases and SARS-CoV-2 wastewater concentrations in the United States		2
1	Infectious Disease Modeling: Recommendations for Public Health Decision-Makers. <i>Disaster Medicine and Public Health Preparedness</i> , 1-3	2.8	0