

Scott Olesen

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

2,289
citations

471509

17
h-index

265206

42
g-index

60
all docs

60
docs citations

60
times ranked

4021
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.6	12
2	Pilot study of autologous fecal microbiota transplants in nursing home residents: Feasibility and safety. <i>Contemporary Clinical Trials Communications</i> , 2022, 27, 100906.	1.1	3
3	Uses of mathematical modeling to estimate the impact of mass drug administration of antibiotics on antimicrobial resistance within and between communities. <i>Infectious Diseases of Poverty</i> , 2022, 11, .	3.7	2
4	Shiga Toxinâ€“Producing <i>Escherichia coli</i> Transmission via Fecal Microbiota Transplant. <i>Clinical Infectious Diseases</i> , 2021, 72, e876-e880.	5.8	56
5	Re-Evaluating the Evidence for Faecal Microbiota Transplantation â€“Super-Donorsâ€™ in Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 453-461.	1.3	17
6	16S rRNA sequencing of samples from universal stool bank donors. <i>BMC Research Notes</i> , 2021, 14, 108.	1.4	0
7	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.	3.9	21
8	Carriage rates of multidrug-resistant organisms among prospective stool donors. <i>Lancet Infectious Diseases, The</i> , 2021, 21, 454-455.	9.1	0
9	Fecal Microbiota Transplantation â€“Donor Effectsâ€“Are Not Clinically Relevant for <i>Clostridioides difficile</i> Infection. <i>Gastroenterology</i> , 2021, 160, 2635-2636.	1.3	3
10	Viral dynamics of acute SARS-CoV-2 infection and applications to diagnostic and public health strategies. <i>PLoS Biology</i> , 2021, 19, e3001333.	5.6	133
11	Making waves: Defining the lead time of wastewater-based epidemiology for COVID-19. <i>Water Research</i> , 2021, 202, 117433.	11.3	85
12	Wastewater network infrastructure in public health: Applications and learnings from the COVID-19 pandemic. <i>PLOS Global Public Health</i> , 2021, 1, e0000061.	1.6	23
13	Deciphering the Impact of Bystander Selection for Antibiotic Resistance in <i>Neisseria gonorrhoeae</i> . <i>Journal of Infectious Diseases</i> , 2020, 221, 1033-1035.	4.0	13
14	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.	0.9	3
15	Power calculations for detecting differences in efficacy of fecal microbiota donors. <i>Contemporary Clinical Trials Communications</i> , 2020, 20, 100674.	1.1	1
16	Fecal Microbiota Transplants Annually and Their Positive Clinical Impact. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00247.	2.5	2
17	The role of â€œspilloverâ€•in antibiotic resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29063-29068.	7.1	27
18	Global disparities in faecal microbiota transplantation research. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 241.	8.1	21

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19	16S rRNA sequencing analysis: the devil is in the details. <i>Gut Microbes</i> , 2020, 11, 1139-1142.	9.8	6
20	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.	2.9	3
21	Outpatient Antibiotic Prescribing in Massachusetts, 2011–2015. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz169.	0.9	17
22	Cumulative Probability of Receiving an Antibiotic Prescription over Time. <i>New England Journal of Medicine</i> , 2019, 380, 1872-1873.	27.0	5
23	Oil Hydrocarbon Degradation by Caspian Sea Microbial Communities. <i>Frontiers in Microbiology</i> , 2019, 10, 995.	3.5	29
24	Case-based surveillance of antimicrobial resistance with full susceptibility profiles. <i>JAC-Antimicrobial Resistance</i> , 2019, 1, dlz070.	2.1	19
25	Morphological analysis of chiral rod clusters from a coarse-grained single-site chiral potential. <i>Soft Matter</i> , 2019, 15, 8147-8155.	2.7	2
26	Azithromycin Susceptibility Among <i>Neisseria gonorrhoeae</i> Isolates and Seasonal Macrolide Use. <i>Journal of Infectious Diseases</i> , 2019, 219, 619-623.	4.0	41
27	Response to comment on 'The distribution of antibiotic use and its association with antibiotic resistance'. <i>ELife</i> , 2019, 8, .	6.0	1
28	Searching for superstool: maximizing the therapeutic potential of FMT. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 387-388.	17.8	22
29	Designing fecal microbiota transplant trials that account for differences in donor stool efficacy. <i>Statistical Methods in Medical Research</i> , 2018, 27, 2906-2917.	1.5	13
30	Racial/Ethnic Disparities in Antimicrobial Drug Use, United States, 2014–2015. <i>Emerging Infectious Diseases</i> , 2018, 24, 2126-2128.	4.3	26
31	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.	7.1	141
32	Dynamics of microbial populations mediating biogeochemical cycling in a freshwater lake. <i>Microbiome</i> , 2018, 6, 165.	11.1	40
33	Multidrug-resistant <i>Neisseria gonorrhoeae</i> : implications for future treatment strategies. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 599.	9.1	9
34	Trends in outpatient antibiotic use and prescribing practice among US older adults, 2011-15: observational study. <i>BMJ: British Medical Journal</i> , 2018, 362, k3155.	2.3	58
35	The distribution of antibiotic use and its association with antibiotic resistance. <i>ELife</i> , 2018, 7, .	6.0	132
36	Salt-responsive gut commensal modulates TH17 axis and disease. <i>Nature</i> , 2017, 551, 585-589.	27.8	896

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37	dbOTU3: A new implementation of distribution-based OTU calling. PLoS ONE, 2017, 12, e0176335.	2.5	24
38	A Novel Analysis Method for Paired-Sample Microbial Ecology Experiments. PLoS ONE, 2016, 11, e0154804.	2.5	9
39	Dysbiosis is not an answer. Nature Microbiology, 2016, 1, 16228.	13.3	97
40	Surveys, simulation and single-cell assays relate function and phylogeny in a lake ecosystem. Nature Microbiology, 2016, 1, 16130.	13.3	33
41	Natural Bacterial Communities Serve as Quantitative Geochemical Biosensors. MBio, 2015, 6, e00326-15.	4.1	173
42	Abstract 321: A High-Salt Diet Alters the Composition of Intestinal Microbiota in Mice. Hypertension, 2014, 64, .	2.7	4
43	A left-handed building block self-assembles into right- and left-handed helices. RSC Advances, 2013, 3, 12905.	3.6	15
44	Single molecules reveal the dynamics of heterogeneities in a polymer at the glass transition. Journal of Chemical Physics, 2011, 134, 024513.	3.0	27
45	Infectious Disease Modeling: Recommendations for Public Health Decision-Makers. Disaster Medicine and Public Health Preparedness, 0, , 1-3.	1.3	1