Robert Olson

List of Publications by Year
in descending order

8 papers	**641** citations	1163117 **8** h-index	1588992 **8** g-index
10 all docs	**10** docs citations	**10** times ranked	**1144** citing authors

#	Article	IF	Citations
1	Using Machine Learning To Predict Antimicrobial MICs and Associated Genomic Features for Nontyphoidal <i>Salmonella</i>. Journal of Clinical Microbiology, 2019, 57, .	3.9	181
2	Signals of Significantly Increased Vaccine Breakthrough, Decreased Hospitalization Rates, and Less Severe Disease in Patients with Coronavirus Disease 2019 Caused by the Omicron Variant of Severe Acute Respiratory Syndrome Coronavirus 2 in Houston,ÂTexas. American Journal of Pathology, 2022, 192, 642-652.	3.8	161
3	Delta Variants of SARS-CoV-2 Cause Significantly Increased Vaccine Breakthrough COVID-19 Cases in Houston, Texas. American Journal of Pathology, 2022, 192, 320-331.	3.8	90
4	Analysis of the ARTIC Version 3 and Version 4 SARS-CoV-2 Primers and Their Impact on the Detection of the G142D Amino Acid Substitution in the Spike Protein. Microbiology Spectrum, 2021, 9, e0180321.	3.0	50
5	Sequence Analysis of 20,453 Severe Acute Respiratory Syndrome Coronavirus 2 Genomes from the Houston Metropolitan Area Identifies the Emergence and Widespread Distribution of Multiple Isolates of All Major Variants of Concern. American Journal of Pathology, 2021, 191, 983-992.	3.8	42
6	A machine learning-based service for estimating quality of genomes using PATRIC. BMC Bioinformatics, 2019, 20, 486.	2.6	32
7	Trajectory of Growth of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Variants in Houston, Texas, January through May 2021, Based on 12,476 Genome Sequences. American Journal of Pathology, 2021, 191, 1754-1773.	3.8	26
8	A genomic data resource for predicting antimicrobial resistance from laboratory-derived antimicrobial susceptibility phenotypes. Briefings in Bioinformatics, 2021, 22, .	6.5	15