

# Dauida S Smyth

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4334463/publications.pdf>

Version: 2024-02-01

35  
papers

1,810  
citations

361045

20  
h-index

377514

34  
g-index

42  
all docs

42  
docs citations

42  
times ranked

2568  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Notes from the Field: Early Evidence of the SARS-CoV-2 B.1.1.529 (Omicron) Variant in Community Wastewater</i> – United States, November–December 2021. <i>Morbidity and Mortality Weekly Report</i> , 2022, 71, 103-105.	9.0	65
2	Tracking cryptic SARS-CoV-2 lineages detected in NYC wastewater. <i>Nature Communications</i> , 2022, 13, 635.	5.8	121
3	Monitoring SARS-CoV-2 in wastewater during New York City's second wave of COVID-19: sewershed-level trends and relationships to publicly available clinical testing data. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 1021-1035.	1.2	20
4	Humidity Reduces Rapid and Distant Airborne Dispersal of Viable Viral Particles in Classroom Settings. <i>Environmental Science and Technology Letters</i> , 2022, 9, 632-637.	3.9	6
5	Sharing Notes Is Encouraged: Annotating and Cocreating with Hypothes.is and Google Docs. <i>Journal of Microbiology and Biology Education</i> , 2021, 22, .	0.5	6
6	Protocol for safe, affordable, and reproducible isolation and quantitation of SARS-CoV-2 RNA from wastewater. <i>PLoS ONE</i> , 2021, 16, e0257454.	1.1	16
7	Loop-Mediated Isothermal Amplification (LAMP) as a Rapid, Affordable and Effective Tool to Involve Students in Undergraduate Research. <i>Frontiers in Microbiology</i> , 2020, 11, 603381.	1.5	4
8	COVID-19, Ebola, and Measles: Achieving Sustainability in the Era of Emerging and Reemerging Infectious Diseases. <i>Environment</i> , 2020, 62, 31-40.	0.8	3
9	The Sustainability Challenges Facing Research and Teaching Laboratories When Going Green. <i>Environment</i> , 2020, 62, 4-13.	0.8	3
10	Biological sex influences susceptibility to <i>Acinetobacter baumannii</i> pneumonia in mice. <i>JCI Insight</i> , 2020, 5, .	2.3	14
11	Simulating Bacterial Growth, Competition, and Resistance with Agent-Based Models and Laboratory Experiments. <i>Foundations for Undergraduate Research in Mathematics</i> , 2020, , 217-271.	0.0	0
12	Phage-inducible islands in the Gram-positive cocci. <i>ISME Journal</i> , 2017, 11, 1029-1042.	4.4	82
13	Reading Effectively Across the Disciplines (READ): A Strategy to Improve Student Success. <i>InSight: A Journal of Scholarly Teaching</i> , 2017, 12, 30-50.	0.4	2
14	Cytotoxic Virulence Predicts Mortality in Nosocomial Pneumonia Due to Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2015, 211, 1862-1874.	1.9	51
15	Nasal Carriage as a Source of agr-Defective <i>Staphylococcus aureus</i> Bacteremia. <i>Journal of Infectious Diseases</i> , 2012, 206, 1168-1177.	1.9	60
16	Characterization of Methicillin-Resistant <i>Staphylococcus aureus</i> Strains Recovered from a Phase IV Clinical Trial for Linezolid versus Vancomycin for Treatment of Nosocomial Pneumonia. <i>Journal of Clinical Microbiology</i> , 2012, 50, 3694-3702.	1.8	34
17	Real-Time Nucleic Acid Sequence-Based Amplification Assay for Rapid Detection and Quantification of <i>agr</i> Functionality in Clinical <i>Staphylococcus aureus</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2012, 50, 657-661.	1.8	15
18	Cross-species spread of SCCmec IV subtypes in staphylococci. <i>Infection, Genetics and Evolution</i> , 2011, 11, 446-453.	1.0	37

#	ARTICLE	IF	CITATIONS
19	Population Structure of a Hybrid Clonal Group of Methicillin-Resistant <i>Staphylococcus aureus</i> , ST239-MRSA-III. <i>PLoS ONE</i> , 2010, 5, e8582.	1.1	90
20	Polyphyletic Emergence of Linezolid-Resistant <i>Staphylococci</i> in the United States. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 742-748.	1.4	72
21	Identification of a Novel Transposon (Tn 6072) and a Truncated <i>Staphylococcal</i> Cassette Chromosome <i>mec</i> Element in Methicillin-Resistant <i>Staphylococcus aureus</i> ST239. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3347-3354.	1.4	40
22	Evolutionary Genomics of <i>Staphylococcus aureus</i> Reveals Insights into the Origin and Molecular Basis of Ruminant Host Adaptation. <i>Genome Biology and Evolution</i> , 2010, 2, 454-466.	1.1	174
23	Genotypic and phenotypic relationships among methicillin-resistant <i>Staphylococcus aureus</i> from three multicentre bacteraemia studies. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 63, 873-876.	1.3	21
24	Integrative and Sequence Characteristics of a Novel Genetic Element, ICE 6013, in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2009, 191, 5964-5975.	1.0	50
25	Associations between enterotoxin gene cluster types <i>egc1</i> , <i>egc2</i> and <i>egc3</i> , <i>agr</i> types, enterotoxin and enterotoxin-like gene profiles, and molecular typing characteristics of human nasal carriage and animal isolates of <i>Staphylococcus aureus</i> . <i>Journal of Medical Microbiology</i> , 2009, 58, 13-25.	0.7	38
26	Molecular genetic typing reveals further insights into the diversity of animal-associated <i>Staphylococcus aureus</i> . <i>Journal of Medical Microbiology</i> , 2009, 58, 1343-1353.	0.7	112
27	Microbiological and Genotypic Analysis of Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3441-3443.	1.4	20
28	Pathogenomic Analysis of the Common Bovine <i>Staphylococcus aureus</i> Clone (ET3): Emergence of a Virulent Subtype with Potential Risk to Public Health. <i>Journal of Infectious Diseases</i> , 2008, 197, 205-213.	1.9	45
29	Molecular typing of nasal carriage isolates of <i>Staphylococcus aureus</i> from an Irish university student population based on toxin gene PCR, <i>agr</i> locus types and multiple locus variable number tandem repeat analysis. <i>Journal of Medical Microbiology</i> , 2008, 57, 348-358.	0.7	43
30	Microbiological effects of prior vancomycin use in patients with methicillin-resistant <i>Staphylococcus aureus</i> bacteraemia. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 61, 85-90.	1.3	103
31	Occurrence of <i>ssl</i> genes in isolates of <i>Staphylococcus aureus</i> from animal infection. <i>Journal of Medical Microbiology</i> , 2007, 56, 418-425.	0.7	13
32	Association between Methicillin Susceptibility and Biofilm Regulation in <i>Staphylococcus aureus</i> Isolates from Device-Related Infections. <i>Journal of Clinical Microbiology</i> , 2007, 45, 1379-1388.	1.8	296
33	<i>Staphylococcus aureus</i> Isolates from Irish Domestic Refrigerators Possess Novel Enterotoxin and Enterotoxin-like Genes and Are Clonal in Nature. <i>Journal of Food Protection</i> , 2006, 69, 508-515.	0.8	16
34	Superantigen genes encoded by the <i>egc</i> cluster and <i>SaPI<sub>bov</sub></i> are predominant among <i>Staphylococcus aureus</i> isolates from cows, goats, sheep, rabbits and poultry. <i>Journal of Medical Microbiology</i> , 2005, 54, 401-411.	0.7	97
35	How Getting Friendly with Bacteria Can Promote Student Appreciation of Microbial Diversity and Their Civic Scientific Literacy. <i>Journal of Microbiology and Biology Education</i> , 0, , .	0.5	0