

Alexander W Friedrich

List of Publications by Citations

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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.

62

papers

2,868

citations

18

h-index

53

g-index

71

ext. papers

4,222

ext. citations

5.3

avg, IF

4.82

L-index

#	Paper	IF	Citations
62	Discovery, research, and development of new antibiotics: the WHO priority list of antibiotic-resistant bacteria and tuberculosis. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, 318-327	25.5	1815
61	Circulating plasma concentrations of angiotensin-converting enzyme 2 in men and women with heart failure and effects of renin-angiotensin-aldosterone inhibitors. <i>European Heart Journal</i> , 2020 , 41, 1810-1817	9.5	277
60	Targeted next-generation sequencing of the 16S-23S rRNA region for culture-independent bacterial identification - increased discrimination of closely related species. <i>Scientific Reports</i> , 2017 , 7, 3434	4.9	66
59	An integrated stewardship model: antimicrobial, infection prevention and diagnostic (AID). <i>Future Microbiology</i> , 2016 , 11, 93-102	2.9	53
58	Control of hospital acquired infections and antimicrobial resistance in Europe: the way to go. <i>Wiener Medizinische Wochenschrift</i> , 2019 , 169, 25-30	2.9	52
57	Infection prevention in a connected world: the case for a regional approach. <i>International Journal of Medical Microbiology</i> , 2013 , 303, 380-7	3.7	50
56	Staphylococcus aureus from the German general population is highly diverse. <i>International Journal of Medical Microbiology</i> , 2017 , 307, 21-27	3.7	44
55	Financial evaluations of antibiotic stewardship programs-a systematic review. <i>Frontiers in Microbiology</i> , 2015 , 6, 317	5.7	39
54	Critical steps in clinical shotgun metagenomics for the concomitant detection and typing of microbial pathogens. <i>Scientific Reports</i> , 2018 , 8, 13767	4.9	31
53	High Prevalence of Infectious Diseases and Drug-Resistant Microorganisms in Asylum Seekers Admitted to Hospital; No Carbapenemase Producing Enterobacteriaceae until September 2015. <i>PLoS ONE</i> , 2016 , 11, e0154791	3.7	27
52	Comprehensive Molecular Characterization of Isolates from Urine Samples of Hospitalized Patients in Rio de Janeiro, Brazil. <i>Frontiers in Microbiology</i> , 2018 , 9, 243	5.7	26
51	Measuring the impact of antimicrobial stewardship programs. <i>Expert Review of Anti-Infective Therapy</i> , 2016 , 14, 569-75	5.5	25
50	Preclinical studies and prospective clinical applications for bacteria-targeted imaging: the future is bright. <i>Clinical and Translational Imaging</i> , 2016 , 4, 253-264	2	22
49	Whole-genome analysis of an oxacillin-susceptible CC80 mecA-positive Staphylococcus aureus clinical isolate: insights into the mechanisms of cryptic methicillin resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 2956-64	5.1	20
48	Prevention of Surgical Site Infections: A Systematic Review of Cost Analyses in the Use of Prophylactic Antibiotics. <i>Frontiers in Pharmacology</i> , 2018 , 9, 776	5.6	20
47	Cross-border comparison of the Dutch and German guidelines on multidrug-resistant Gram-negative microorganisms. <i>Antimicrobial Resistance and Infection Control</i> , 2015 , 4, 7	6.2	19
46	A Comparison of Three Different Bioinformatics Analyses of the 16S-23S rRNA Encoding Region for Bacterial Identification. <i>Frontiers in Microbiology</i> , 2019 , 10, 620	5.7	18

45	Cost-Analysis of Seven Nosocomial Outbreaks in an Academic Hospital. <i>PLoS ONE</i> , 2016 , 11, e0149226	3.7	18
44	Contact precautions in single-bed or multiple-bed rooms for patients with extended-spectrum β -lactamase-producing Enterobacteriaceae in Dutch hospitals: a cluster-randomised, crossover, non-inferiority study. <i>Lancet Infectious Diseases</i> , 2019 , 19, 1069-1079	25.5	16
43	Cost-minimization model of a multidisciplinary antibiotic stewardship team based on a successful implementation on a urology ward of an academic hospital. <i>PLoS ONE</i> , 2015 , 10, e0126106	3.7	16
42	Abundance and Antimicrobial Resistance of Three Bacterial Species along a Complete Wastewater Pathway. <i>Microorganisms</i> , 2019 , 7,	4.9	15
41	Core/Whole Genome Multilocus Sequence Typing and Core Genome SNP-Based Typing of OXA-48-Producing Clinical Isolates From Spain. <i>Frontiers in Microbiology</i> , 2019 , 10, 2961	5.7	15
40	Metagenomic Characterization of the Human Intestinal Microbiota in Fecal Samples from STEC-Infected Patients. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 25	5.9	15
39	Virulence potential of Staphylococcus aureus isolates from Buruli ulcer patients. <i>International Journal of Medical Microbiology</i> , 2017 , 307, 223-232	3.7	13
38	Marked Changes in Gut Microbiota in Cardio-Surgical Intensive Care Patients: A Longitudinal Cohort Study. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 467	5.9	13
37	Automatic day-2 intervention by a multidisciplinary antimicrobial stewardship-team leads to multiple positive effects. <i>Frontiers in Microbiology</i> , 2015 , 6, 546	5.7	11
36	Molecular Characterization of Staphylococcus aureus Isolates Transmitted between Patients with Buruli Ulcer. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004049	4.8	11
35	Detection of in Water from Hospital Dental Chair Units and Molecular Characterization by Whole-Genome Sequencing. <i>Microorganisms</i> , 2018 , 6,	4.9	9
34	Clostridium difficile infection among hospitalized HIV-infected individuals: epidemiology and risk factors: results from a case-control study (2002-2013). <i>BMC Infectious Diseases</i> , 2015 , 15, 194	4	9
33	Real-life data on antibiotic prescription and sputum culture diagnostics in acute exacerbations of COPD in primary care. <i>International Journal of COPD</i> , 2017 , 12, 285-290	3	8
32	Cross-border comparison of antibiotic prescriptions among children and adolescents between the north of the Netherlands and the north-west of Germany. <i>Antimicrobial Resistance and Infection Control</i> , 2016 , 5, 14	6.2	7
31	Defining Multidrug Resistance of Gram-Negative Bacteria in the Dutch-German Border Region-Impact of National Guidelines. <i>Microorganisms</i> , 2018 , 6,	4.9	7
30	AMR - An R Package for Working with Antimicrobial Resistance Data		7
29	Internal and External Validation of a Computer-Assisted Surveillance System for Hospital-Acquired Infections in a 754-Bed General Hospital in the Netherlands. <i>Infection Control and Hospital Epidemiology</i> , 2016 , 37, 1355-1360	2	7
28	Development of a reference data set for assigning and species based on next generation sequencing of the 16S-23S rRNA region. <i>Antimicrobial Resistance and Infection Control</i> , 2019 , 8, 178	6.2	6

27	Genome-wide analysis reveals two novel mosaic regions containing an ACME with an identical DNA sequence in the MRSA ST398-t011 and MSSA ST8-t008 isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1298-302	5.1	5
26	Antimicrobial Resistance in Class 1 Integron-Positive Shiga Toxin-Producing Isolated from Cattle, Pigs, Food and Farm Environment. <i>Microorganisms</i> , 2018 , 6,	4.9	5
25	Positive impact of infection prevention on the management of nosocomial outbreaks at an academic hospital. <i>Future Microbiology</i> , 2016 , 11, 1249-1259	2.9	4
24	Determining the Virulence Properties of ST131 Containing Bacteriocin-Encoding Plasmids Using Short- and Long-Read Sequencing and Comparing Them with Those of Other Lineages. <i>Microorganisms</i> , 2019 , 7,	4.9	4
23	Cost analysis of outbreaks with Methicillin-resistant Staphylococcus aureus (MRSA) in Dutch long-term care facilities (LTCF). <i>PLoS ONE</i> , 2018 , 13, e0208092	3.7	4
22	Detection of a novel mcr-5.4 gene variant in hospital tap water by shotgun metagenomic sequencing. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 3626-3628	5.1	3
21	Evaluation of an Accelerated Workflow for Surveillance of ESBL (CTX-M)-Producing Escherichia coli Using Amplicon-Based Next-Generation Sequencing and Automated Analysis. <i>Microorganisms</i> , 2018 , 6,	4.9	3
20	Virulence and resistance properties of E. coli isolated from urine samples of hospitalized patients in Rio de Janeiro, Brazil - The role of mobile genetic elements. <i>International Journal of Medical Microbiology</i> , 2020 , 310, 151453	3.7	3
19	Assessment of Viral Targeted Sequence Capture Using Nanopore Sequencing Directly from Clinical Samples. <i>Viruses</i> , 2020 , 12,	6.2	3
18	First detection of porcine respirovirus 1 in Germany and the Netherlands. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 3120-3125	4.2	3
17	Multidrug-Resistant Infections Among Hospitalized Adults With Community-Acquired Pneumonia In An Indonesian Tertiary Referral Hospital. <i>Infection and Drug Resistance</i> , 2019 , 12, 3663-3675	4.2	3
16	The relation between the gut microbiome and osteoarthritis: A systematic review of literature.. <i>PLoS ONE</i> , 2021 , 16, e0261353	3.7	3
15	Detection of extended-spectrum beta-lactamase (ESBL) genes and plasmid replicons in using PlasmidSPAdes assembly of short-read sequence data. <i>Microbial Genomics</i> , 2020 , 6,	4.4	2
14	Reduced Fitness Costs of Compared to Mutated in Isogenic Colistin-Resistant KPC-3-Producing Klebsiella pneumoniae. <i>MSphere</i> , 2019 , 4,	5	2
13	Complete Coding Sequences of Five Dengue Virus Type 2 Clinical Isolates from Venezuela Obtained through Shotgun Metagenomics. <i>Genome Announcements</i> , 2018 , 6,		2
12	Characterization of fosfomycin heteroresistance among multidrug-resistant Escherichia coli isolates from hospitalized patients in Rio de Janeiro, Brazil. <i>Journal of Global Antimicrobial Resistance</i> , 2020 , 22, 584-593	3.4	1
11	Complete Genome Sequences of Two Methicillin-Resistant Staphylococcus haemolyticus Isolates of Multilocus Sequence Type 25, First Detected by Shotgun Metagenomics. <i>Genome Announcements</i> , 2018 , 6,		1
10	Hand hygiene compliance in Dutch general practice offices. <i>Archives of Public Health</i> , 2020 , 78, 79	2.6	1

9	Effects of Clinical Wastewater on the Bacterial Community Structure from Sewage to the Environment. <i>Microorganisms</i> , 2021 , 9,	4.9	1
8	: a potential Tiving antibioticTto control bacterial pathogens. <i>Critical Reviews in Microbiology</i> , 2021 , 47, 630-646	7.8	1
7	Staphylococcal cassette chromosome mec containing a novel mec gene complex, B4. <i>Journal of Antimicrobial Chemotherapy</i> , 2021 , 76, 1986-1990	5.1	1
6	Livestock-associated meticillin-resistant Staphylococcus aureus in a young harbour seal (<i>Phoca vitulina</i>) with endocarditis. <i>Veterinary Record Case Reports</i> , 2019 , 7, e000886	0.2	1
5	Modelling and Simulation of the Effect of Targeted Decolonisation on Incidence of Extended-Spectrum Beta-Lactamase-Producing Enterobacterales Bloodstream Infections in Haematological Patients. <i>Infectious Diseases and Therapy</i> , 2021 , 1	6.2	0
4	The Impacts of Deep Surgical Site Infections on Readmissions, Length of Stay, and Costs: A Matched Case-Control Study Conducted in an Academic Hospital in the Netherlands. <i>Infection and Drug Resistance</i> , 2020 , 13, 3365-3374	4.2	0
3	and virulence factors as biomarkers of infection. <i>Biological Chemistry</i> , 2021 , 402, 1565-1573	4.5	0
2	Exploring a prolonged enterovirus C104 infection in a severely ill patient using nanopore sequencing.. <i>Virus Evolution</i> , 2022 , 8, veab109	3.7	0
1	Effect of school reopening on SARS-CoV-2 incidence in a low-prevalence region: Prospective SARS-CoV-2 testing in healthcare workers with primary school-attending children versus without children living at home. <i>Journal of Infection Prevention</i> , 2021 , 22, 269-274	1.1	