

Nico T Mutters

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,662
citations

361413

20
h-index

361022

35
g-index

90
all docs

90
docs citations

90
times ranked

2534
citing authors

#	ARTICLE	IF	CITATIONS
1	ESCMID-EUCIC clinical guidelines on decolonization of multidrug-resistant Gram-negative bacteria carriers. <i>Clinical Microbiology and Infection</i> , 2019, 25, 807-817.	6.0	114
2	Contact Precautions for Preventing Nosocomial Transmission of Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> : A Point/Counterpoint Review. <i>Clinical Infectious Diseases</i> , 2017, 65, 342-347.	5.8	87
3	Human dose response relation for airborne exposure to <i>Coxiella burnetii</i> . <i>BMC Infectious Diseases</i> , 2013, 13, 488.	2.9	77
4	Bed occupancy rates and hospital-acquired infections—should beds be kept empty?. <i>Clinical Microbiology and Infection</i> , 2012, 18, 941-945.	6.0	67
5	Performance of Kiestra Total Laboratory Automation Combined with MS in Clinical Microbiology Practice. <i>Annals of Laboratory Medicine</i> , 2014, 34, 111-117.	2.5	67
6	Controversies in guidelines for the control of multidrug-resistant Gram-negative bacteria in EU countries. <i>Clinical Microbiology and Infection</i> , 2015, 21, 1057-1066.	6.0	64
7	Natural isothiocyanates express antimicrobial activity against developing and mature biofilms of <i>Pseudomonas aeruginosa</i> . <i>Antonie van Leeuwenhoek</i> , 2017, 119, 57-63.	2.2	60
8	STROBE-AMS: recommendations to optimise reporting of epidemiological studies on antimicrobial resistance and informing improvement in antimicrobial stewardship. <i>BMJ Open</i> , 2016, 6, e010134.	1.9	59
9	Control of the Spread of Vancomycin-Resistant Enterococci in Hospitals. <i>Deutsches Arzteblatt International</i> , 2013, 110, 725-31.	0.9	58
10	Selective reporting of antibiotic susceptibility test results in European countries: an ESCMID cross-sectional survey. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 162-166.	2.5	48
11	Increased frequency of linezolid resistance among clinical <i>Enterococcus faecium</i> isolates from German hospital patients. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 128-131.	2.2	47
12	Detection of a <i>cfr</i> (B) Variant in German <i>Enterococcus faecium</i> Clinical Isolates and the Impact on Linezolid Resistance in <i>Enterococcus</i> spp.. <i>PLoS ONE</i> , 2016, 11, e0167042.	2.5	46
13	Antimicrobial consumption and impact of antimicrobial stewardship programmes in long-term care facilities. <i>Clinical Microbiology and Infection</i> , 2019, 25, 562-569.	6.0	41
14	Antimicrobials Are a Photodynamic Inactivation Adjuvant for the Eradication of Extensively Drug-Resistant <i>Acinetobacter baumannii</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 229.	3.5	37
15	Comparison of livestock-associated and health care-associated MRSA genes, virulence, and resistance. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 86, 417-421.	1.8	28
16	Compliance with infection control practices in an university hospital dental clinic. <i>GMS Hygiene and Infection Control</i> , 2014, 9, Doc18.	0.3	27
17	Analysis of the challenges in implementing guidelines to prevent the spread of multidrug-resistant gram-negatives in Europe. <i>BMJ Open</i> , 2019, 9, e027683.	1.9	25
18	A one health framework to estimate the cost of antimicrobial resistance. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 187.	4.1	25

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19	Air filtration as a tool for the reduction of viral aerosols. <i>Science of the Total Environment</i> , 2021, 772, 144956.	8.0	23
20	Influx of multidrug-resistant organisms by country-to-country transfer of patients. <i>BMC Infectious Diseases</i> , 2015, 15, 466.	2.9	22
21	Surveillance for Colonization, Transmission, and Infection With Methicillin-Susceptible <i>Staphylococcus aureus</i> in a Neonatal Intensive Care Unit. <i>JAMA Network Open</i> , 2021, 4, e2124938.	5.9	22
22	Education in infection control: A need for European certification. <i>Clinical Microbiology and Infection</i> , 2015, 21, 1052-1056.	6.0	21
23	Comparative testing of disinfectant efficacy on planktonic bacteria and bacterial biofilms using a new assay based on kinetic analysis of metabolic activity. <i>Journal of Applied Microbiology</i> , 2017, 122, 625-633.	3.1	21
24	Treating urinary tract infections due to MDR <i>E. coli</i> with Isothiocyanates – a phytotherapeutic alternative to antibiotics?. <i>FÄ-toterapÄ-t</i> , 2018, 129, 237-240.	2.2	21
25	Comparative genomic analysis reveals a high prevalence of inter-species in vivo transfer of carbapenem-resistance plasmids in patients with haematological malignancies. <i>Clinical Microbiology and Infection</i> , 2020, 26, 780.e1-780.e8.	6.0	21
26	Influenza vaccination among infection control teams: A EUCIC survey prior to COVID-19 pandemic. <i>Vaccine</i> , 2020, 38, 8357-8361.	3.8	21
27	Minimum requirements in infection control. <i>Clinical Microbiology and Infection</i> , 2015, 21, 1072-1076.	6.0	20
28	Prosthetic joint infections in the elderly. <i>Infection</i> , 2015, 43, 629-637.	4.7	19
29	Measuring the in-hospital costs of <i>Pseudomonas aeruginosa</i> pneumonia: methodology and results from a German teaching hospital. <i>BMC Infectious Diseases</i> , 2019, 19, 1028.	2.9	19
30	OutbreakFlow: Model-based Bayesian inference of disease outbreak dynamics with invertible neural networks and its application to the COVID-19 pandemics in Germany. <i>PLoS Computational Biology</i> , 2021, 17, e1009472.	3.2	19
31	MRSA decolonization failure – are biofilms the missing link?. <i>Antimicrobial Resistance and Infection Control</i> , 2017, 6, 32.	4.1	18
32	Exposure to low doses of <i>Coxiella burnetii</i> caused high illness attack rates: Insights from combining human challenge and outbreak data. <i>Epidemics</i> , 2015, 11, 1-6.	3.0	17
33	Costs and possible benefits of a two-tier infection control management strategy consisting of active screening for multidrug-resistant organisms and tailored control measures. <i>Journal of Hospital Infection</i> , 2016, 93, 191-196.	2.9	16
34	Determinants for persistence of <i>Pseudomonas aeruginosa</i> in hospitals: interplay between resistance, virulence and biofilm formation. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017, 36, 243-253.	2.9	16
35	Use of evidence-based recommendations in an antibiotic care bundle for the intensive care unit. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 65-70.	2.5	16
36	Low risk of apparent transmission of vancomycin-resistant Enterococci from bacteraemic patients to hospitalized contacts. <i>American Journal of Infection Control</i> , 2013, 41, 778-781.	2.3	15

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37	Organization and training at national level of antimicrobial stewardship and infection control activities in Europe: an ESCMID cross-sectional survey. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 2061-2068.	2.9	15
38	Molecular characterization of carbapenem-resistant <i>Acinetobacter baumannii</i> using WGS revealed missed transmission events in Germany from 2012-2015. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3473-3480.	3.0	15
39	Role of place of acquisition and inappropriate empirical antibiotic therapy on the outcome of extended-spectrum β -lactamase-producing Enterobacteriaceae infections. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 49-54.	2.5	15
40	Pseudobacteremia outbreak of biofilm-forming <i>Achromobacter xylosoxidans</i> "environmental transmission. <i>BMC Infectious Diseases</i> , 2016, 16, 584.	2.9	13
41	In-hospital costs of community-acquired colonization with multidrug-resistant organisms at a German teaching hospital. <i>BMC Health Services Research</i> , 2018, 18, 737.	2.2	13
42	Education and training programmes for infection prevention and control professionals: mapping the current opportunities and local needs in European countries. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 183.	4.1	12
43	White Paper: Bridging the gap between surveillance data and antimicrobial stewardship in the outpatient sector – practical guidance from the JPIAMR ARCH and COMBACTE-MAGNET EPI-Net networks. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, ii42-ii51.	3.0	12
44	Infection Risk in Sterile Operative Procedures: A Systematic Review and Meta-analysis. <i>Deutsches A&P;#x0308;rzteblatt International</i> , 2016, 113, 271-8.	0.9	12
45	Distribution of carbapenem resistance mechanisms in clinical isolates of XDR <i>Pseudomonas aeruginosa</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1547-1552.	2.9	11
46	Variation of National and International Guidelines on Respiratory Protection for Health Care Professionals During the COVID-19 Pandemic. <i>JAMA Network Open</i> , 2021, 4, e2119257.	5.9	11
47	Transmission of <i>Klebsiella pneumoniae</i> carbapenemase (KPC)-producing <i>Klebsiella pneumoniae</i> : the role of infection control. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, i4-i11.	3.0	11
48	Device-related infections in long-term healthcare facilities: the challenge of prevention. <i>Future Microbiology</i> , 2014, 9, 487-495.	2.0	10
49	Ability of chlorhexidine, octenidine, polyhexanide and chloroxylenol to inhibit metabolism of biofilm-forming clinical multidrug-resistant organisms. <i>Journal of Infection Prevention</i> , 2021, 22, 12-18.	0.9	10
50	Linking antimicrobial resistance surveillance to antibiotic policy in healthcare settings: the COMBACTE-Magnet EPI-Net COACH project. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, ii2-ii19.	3.0	9
51	Surgical site infections: guidance for elective surgery during the SARS-CoV-2 pandemic – international recommendations and clinical experience. <i>Journal of Hospital Infection</i> , 2021, 111, 189-199.	2.9	9
52	Impact of discontinuing contact precautions and enforcement of basic hygiene measures on nosocomial vancomycin-resistant <i>Enterococcus faecium</i> transmission. <i>Journal of Hospital Infection</i> , 2022, 121, 120-127.	2.9	9
53	Genetic Characterization of Carbapenem-Resistant <i>Klebsiella</i> spp. from Municipal and Slaughterhouse Wastewater. <i>Antibiotics</i> , 2022, 11, 435.	3.7	9
54	Characterization of fosfomycin heteroresistance among multidrug-resistant <i>Escherichia coli</i> isolates from hospitalized patients in Rio de Janeiro, Brazil. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 584-593.	2.2	8

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55	The role of Octenidol(®), Glandomed(®) and chlorhexidine mouthwash in the prevention of mucositis and in the reduction of the oropharyngeal flora: a double-blind randomized controlled trial. <i>GMS Hygiene and Infection Control</i> , 2015, 10, Doc05.	0.3	8
56	Genomic Investigation and Successful Containment of an Intermittent Common Source Outbreak of OXA-48-Producing <i>Enterobacter cloacae</i> Related to Hospital Shower Drains. <i>Microbiology Spectrum</i> , 2021, 9, e0138021.	3.0	8
57	Sources of systematic errors in the epidemiology of vancomycin-resistant enterococci. <i>Infection</i> , 2013, 41, 305-310.	4.7	7
58	The impact of hospital-acquired infections on the patient-level reimbursement-cost relationship in a DRG-based hospital payment system. <i>International Journal of Health Economics and Management</i> , 2020, 20, 1-11.	1.1	7
59	Microbiological Control of Cellular Products: The Relevance of the Cellular Matrix, Incubation Temperature, and Atmosphere for the Detection Performance of Automated Culture Systems. <i>Transfusion Medicine and Hemotherapy</i> , 2020, 47, 254-263.	1.6	7
60	White Paper: Bridging the gap between surveillance data and antimicrobial stewardship in long-term care facilities—practical guidance from the JPIAMR ARCH and COMBACTE-MAGNET EPI-Net networks. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, ii33-ii41.	3.0	7
61	White Paper: Bridging the gap between surveillance data and antimicrobial stewardship in the animal sector—practical guidance from the JPIAMR ARCH and COMBACTE-MAGNET EPI-Net networks. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, ii52-ii66.	3.0	7
62	Infection prevention and control in Europe — the picture in the mosaic. <i>Clinical Microbiology and Infection</i> , 2015, 21, 1045-1046.	6.0	5
63	Improvement of Hand Hygiene Quality and Compliance Using Bioburden Measurement and Online Feedback in Germany. <i>Infection Control and Hospital Epidemiology</i> , 2017, 38, 119-122.	1.8	5
64	Differences in infection control and diagnostic measures for multidrug-resistant organisms in the tristate area of France, Germany and Switzerland in 2019 — survey results from the RH(E)IN-CARE network. <i>Swiss Medical Weekly</i> , 2021, 151, w20454.	1.6	5
65	Sterility Testing of Injectable Products: Evaluation of the Growth-based BacT/ALERT(R) 3DÂ Dual T Culture System. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2016, 70, 568-576.	0.5	4
66	Improvement of infection control management by routine molecular evaluation of pathogen clusters. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 88, 82-87.	1.8	4
67	Evaluation of the scientific impact of the Ebola epidemic: a systematic review. <i>Clinical Microbiology and Infection</i> , 2018, 24, 573-576.	6.0	4
68	Is virtual reality effective to teach prevention of surgical site infections in the operating room? study protocol for a randomised controlled multicentre trial entitled VIP Room study. <i>BMJ Open</i> , 2020, 10, e037299.	1.9	4
69	Does the Reprocessing of Endoscopes Have to Take Place Immediately after Pre-Cleaning? A First Evaluation. <i>Clinical Endoscopy</i> , 2021, 54, 526-533.	1.5	4
70	Ischaemic intestinal perforation complicated by <i>Clostridium perfringens</i> sepsis in a diabetic patient. <i>Infection</i> , 2013, 41, 1033-1035.	4.7	3
71	Measuring the Financial Burden of Resistance: What Should Be Compared?. <i>Clinical Infectious Diseases</i> , 2019, 69, 1082-1082.	5.8	3
72	Risk perception of antimicrobial resistance by infection control specialists in Europe: a case-vignette study. <i>Antimicrobial Resistance and Infection Control</i> , 2020, 9, 33.	4.1	3

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73	Hyaluronan-mediated mononuclear leukocyte binding to gingival fibroblasts. <i>Clinical Oral Investigations</i> , 2018, 22, 1063-1070.	3.0	2
74	Protocol for a prospective cohort study: Prevention of Transmissions by Effective Colonisation Tracking in Neonates (PROTECT-Neo). <i>BMJ Open</i> , 2020, 10, e034068.	1.9	2
75	Infection control strategies for patients and accompanying persons during the COVID-19 pandemic in German hospitals: a cross-sectional study in March-April 2021. <i>Journal of Hospital Infection</i> , 2022, 125, 28-36.	2.9	2
76	Effect of didecyl dimethyl ammonium chloride (DDAC)-impregnated washcloth wipe whole-body bathing on catheter-related bloodstream infections and central venous line-associated infections in adult intensive care units. <i>Clinical Microbiology and Infection</i> , 2021, , .	6.0	1
77	The relationship between subjective perception and the psychological effects of patients in spatial isolation. <i>GMS Hygiene and Infection Control</i> , 2017, 12, Doc11.	0.3	1
78	Infection control, prophylactic antibiotics, and testing for SARS-CoV-2 and PPE on German intensive care units: results from a national mixed methods survey. <i>GMS Hygiene and Infection Control</i> , 2021, 16, Doc21.	0.3	1
79	Krankenhaushygienische Maßnahmen bei internationalen Patienten. <i>Krankenhaushygiene Und Infektionsverhütung</i> , 2016, 38, 122-126.	0.0	0