Benedikt D Huttner

List of Publications by Year in Descending Order

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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.

3,339 111 33 53 h-index g-index citations papers 126 4,288 6.9 5.47 L-index avg, IF ext. citations ext. papers

#	Paper	IF	Citations
111	In search of lost time: A timing evaluation of antimicrobial prescribing with and without a computerized decision support system using clinical vignettes <i>Computers in Biology and Medicine</i> , 2021 , 140, 105068	7	
110	Methicillin-Resistant Staphylococcus aureus: An Update on Prevention and Control in Acute Care Settings. <i>Infectious Disease Clinics of North America</i> , 2021 , 35, 931-952	6.5	3
109	Impact of restricting procalcitonin measurements in a Swiss tertiary-care hospital on antibiotic use, clinical outcomes, and costs: An interrupted time-series analysis. <i>Infection Control and Hospital Epidemiology</i> , 2021 , 42, 890-892	2	
108	Key considerations on the potential impacts of the COVID-19 pandemic on antimicrobial resistance research and surveillance. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2021 , 115, 1122-1129	2	24
107	Fighting fire with fire: oral antibiotics for the suppression of colonization with multidrug-resistant Enterobacterales. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 821-822	9.5	1
106	Antimicrobial resistance research in a post-pandemic world: Insights on antimicrobial resistance research in the COVID-19 pandemic. <i>Journal of Global Antimicrobial Resistance</i> , 2021 , 25, 5-7	3.4	10
105	Antibiotic Use Among Hospitalized Children and Neonates in China: Results From Quarterly Point Prevalence Surveys in 2019. <i>Frontiers in Pharmacology</i> , 2021 , 12, 601561	5.6	O
104	Progress towards antibiotic use targets in eight high-income countries. <i>Bulletin of the World Health Organization</i> , 2021 , 99, 550-561	8.2	0
103	Effects of antibiotic duration on the intestinal microbiota and resistome: The PIRATE RESISTANCE project, a cohort study nested within a randomized trial. <i>EBioMedicine</i> , 2021 , 71, 103566	8.8	O
102	COVID-19: don@neglect antimicrobial stewardship principles!. <i>Clinical Microbiology and Infection</i> , 2020 , 26, 808-810	9.5	159
101	The potential negative impact of antibiotic pack on antibiotic stewardship in primary care in Switzerland: a modelling study. <i>Antimicrobial Resistance and Infection Control</i> , 2020 , 9, 60	6.2	1
100	Effect of C-Reactive Protein-Guided Antibiotic Treatment Duration, 7-Day Treatment, or 14-Day Treatment on 30-Day Clinical Failure Rate in Patients With Uncomplicated Gram-Negative Bacteremia: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 ,	27.4	48
99	323, 2160-2169 Changes in Microbiota Profiles After Prolonged Frozen Storage of Stool Suspensions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 77	5.9	10
98	Metagenomic Characterization of Gut Microbiota of Carriers of Extended-Spectrum Beta-Lactamase or Carbapenemase-Producing Enterobacteriaceae Following Treatment with Oral Antibiotics and Fecal Microbiota Transplantation: Results from a Multicenter Randomized Trial.	4.9	6
97	Microorganisms 2020 8 Study protocol for an international, multicentre stepped-wedge cluster randomised trial to evaluate the impact of a digital antimicrobial stewardship smartphone application. <i>BMJ Open</i> , 2020 , 10, e033640	3	3
96	Contact isolation versus standard precautions to decrease acquisition of extended-spectrum Elactamase-producing Enterobacterales in non-critical care wards: a cluster-randomised crossover trial. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 575-584	25.5	19
95	2019 Community-acquired Pneumonia Treatment Guidelines: There Is a Need for a Change toward More Parsimonious Antibiotic Use. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 1315-1316	10.2	7

(2019-2020)

94	Pediatric Antibiotic Prescribing in China According to the 2019 World Health Organization Access, Watch, and Reserve (AWaRe) Antibiotic Categories. <i>Journal of Pediatrics</i> , 2020 , 220, 125-131.e5	3.6	13
93	Emergence of colistin-resistant Gram-negative Enterobacterales in the gut of patients receiving oral colistin and neomycin decontamination. <i>Journal of Infection</i> , 2020 , 80, 578-606	18.9	2
92	Factors determining the adherence to antimicrobial guidelines and the adoption of computerised decision support systems by physicians: A qualitative study in three European hospitals. International Journal of Medical Informatics, 2020, 141, 104233	5.3	6
91	Optimizing design of research to evaluate antibiotic stewardship interventions: consensus recommendations of a multinational working group. <i>Clinical Microbiology and Infection</i> , 2020 , 26, 41-50	9.5	21
90	How to Develop and Implement a Computerized Decision Support System Integrated for Antimicrobial Stewardship? Experiences From Two Swiss Hospital Systems. <i>Frontiers in Digital Health</i> , 2020 , 2, 583390	2.3	О
89	Gangrenous gas necrosis of the spleen: a case report. <i>BMC Infectious Diseases</i> , 2019 , 19, 777	4	4
88	The quality of studies evaluating antimicrobial stewardship interventions: a systematic review. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 555-561	9.5	27
87	Accuracy of comprehensive PCR analysis of nasopharyngeal and oropharyngeal swabs for CT-scan-confirmed pneumonia in elderly patients: a prospective cohort study. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 1114-1119	9.5	6
86	Comparison of antibiotic treatment guidelines for urinary tract infections in 15 European countries: Results of an online survey. <i>International Journal of Antimicrobial Agents</i> , 2019 , 54, 478-486	14.3	14
85	A 5-day course of oral antibiotics followed by faecal transplantation to eradicate carriage of multidrug-resistant Enterobacteriaceae: a randomized clinical trial. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 830-838	9.5	79
84	Patient-related determinants of antibiotic use: a systematic review. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 48-53	9.5	24
83	Views and experiences with regard to antibiotic use of hospitalized patients in five European countries: a qualitative descriptive study. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 249.e7-249.e12	9.5	4
82	Strategies for the eradication of extended-spectrum beta-lactamase or carbapenemase-producing Enterobacteriaceae intestinal carriage. <i>Expert Review of Anti-Infective Therapy</i> , 2019 , 17, 557-569	5.5	10
81	How to improve antibiotic awareness campaigns: findings of a WHO global survey. <i>BMJ Global Health</i> , 2019 , 4, e001239	6.6	39
80	Antimicrobial resistance trends in Escherichia coli, Klebsiella pneumoniae and Proteus mirabilis urinary isolates from Switzerland: retrospective analysis of data from a national surveillance network over an 8-year period (2009-2016). Swiss Medical Weekly, 2019, 149, w20110	3.1	16
79	ESCMID-EUCIC clinical guidelines on decolonization of multidrug-resistant Gram-negative bacteria carriers. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 807-817	9.5	70
78	Q five-day course of oral antibiotics followed by faecal transplantation to eradicate carriage of multidrug-resistant EnterobacteriaceaeQ AuthorQ reply. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 914-915	9.5	6
77	Encouraging AWaRe-ness and discouraging inappropriate antibiotic use-the new 2019 Essential Medicines List becomes a global antibiotic stewardship tool. <i>Lancet Infectious Diseases, The</i> , 2019 , 19, 1278-1280	25.5	51

76	Ensuring Antibiotic Development, Equitable Availability, and Responsible Use of Effective Antibiotics: Recommendations for Multisectoral Action. <i>Clinical Infectious Diseases</i> , 2019 , 68, 1952-1959	, 11.6	5
75	Therapeutic Drug Monitoring of Beta-Lactams and Other Antibiotics in the Intensive Care Unit: Which Agents, Which Patients and Which Infections?. <i>Drugs</i> , 2018 , 78, 439-451	12.1	63
74	Low-dose computed tomography for the diagnosis of pneumonia in elderly patients: a prospective, interventional cohort study. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	30
73	Effect of outpatient antibiotics for urinary tract infections on antimicrobial resistance among commensal Enterobacteriaceae: a multinational prospective cohort study. <i>Clinical Microbiology and Infection</i> , 2018 , 24, 972-979	9.5	36
72	Legal framework of antimicrobial stewardship in hospitals (LEASH): a European Society of Clinical Microbiology and Infectious Diseases (ESCMID) cross-sectional international survey. <i>International Journal of Antimicrobial Agents</i> , 2018 , 52, 616-621	14.3	8
71	Towards a global definition of responsible antibiotic use: results of an international multidisciplinary consensus procedure. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, vi3-vi16	5.1	35
70	Study protocol for a multicentre, cluster randomised, superiority trial evaluating the impact of computerised decision support, audit and feedback on antibiotic use: the COMPuterized Antibiotic Stewardship Study (COMPASS). <i>BMJ Open</i> , 2018 , 8, e022666	3	8
69	Do medical students feel prepared to prescribe antibiotics responsibly? Results from a cross-sectional survey in 29 European countries. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 2236-	2242	30
68	Emergence of ESBL-producing Escherichia coli ST131-C1-M27 clade colonizing patients in Europe. Journal of Antimicrobial Chemotherapy, 2018 , 73, 2973-2980	5.1	36
67	Metrics for quantifying antibiotic use in the hospital setting: results from a systematic review and international multidisciplinary consensus procedure. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, vi50-vi58	5.1	48
66	Variation in antibiotic use among and within different settings: a systematic review. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, vi17-vi29	5.1	28
65	Quality indicators for responsible antibiotic use in the inpatient setting: a systematic review followed by an international multidisciplinary consensus procedure. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, vi30-vi39	5.1	27
64	Quality indicators assessing antibiotic use in the outpatient setting: a systematic review followed by an international multidisciplinary consensus procedure. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, vi40-vi49	5.1	35
63	Metrics to assess the quantity of antibiotic use in the outpatient setting: a systematic review followed by an international multidisciplinary consensus procedure. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, vi59-vi66	5.1	21
62	Streptococcal toxic shock syndrome in the intensive care unit. <i>Annals of Intensive Care</i> , 2018 , 8, 88	8.9	27
61	Cefepime plasma concentrations and clinical toxicity: a retrospective cohort study. <i>Clinical Microbiology and Infection</i> , 2017 , 23, 454-459	9.5	58
60	Validation of IDSA/ATS Algorithm for Duration of Pneumonia Therapy. <i>JAMA Internal Medicine</i> , 2017 , 177, 283-284	11.5	
59	Are antibiotic-resistant pathogens more common in subsequent episodes of diabetic foot infection?. <i>International Journal of Infectious Diseases</i> , 2017 , 59, 61-64	10.5	25

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58	Variation in Empiric Coverage Versus Detection of Methicillin-Resistant Staphylococcus aureus and Pseudomonas aeruginosa in Hospitalizations for Community-Onset Pneumonia Across 128 US Veterans Affairs Medical Centers. <i>Infection Control and Hospital Epidemiology</i> , 2017 , 38, 937-944	2	16
57	Good epidemiological practice: a narrative review of appropriate scientific methods to evaluate the impact of antimicrobial stewardship interventions. <i>Clinical Microbiology and Infection</i> , 2017 , 23, 819-825	9.5	52
56	What is antimicrobial stewardship?. Clinical Microbiology and Infection, 2017, 23, 793-798	9.5	252
55	Management and investigation of a outbreak in a neonatal unit in Switzerland - the role of hand hygiene and whole genome sequencing. <i>Antimicrobial Resistance and Infection Control</i> , 2017 , 6, 125	6.2	11
54	Closing the evidence gap in infectious disease: point-of-care randomization and informed consent. <i>Clinical Microbiology and Infection</i> , 2017 , 23, 73-77	9.5	5
53	Amoxicillin dosing recommendations are very different in European countries: altross-sectional survey. <i>Clinical Microbiology and Infection</i> , 2017 , 23, 414-415	9.5	16
52	How to Use Antimicrobial Use Data? A Model to Support Decision-Making and Facilitate Understanding. <i>Open Forum Infectious Diseases</i> , 2017 , 4, S249-S250	1	78
51	ESGAP inventory of target indicators assessing antibiotic prescriptions: a cross-sectional survey. Journal of Antimicrobial Chemotherapy, 2017 , 72, 2910-2914	5.1	23
50	Prevention and Control of Methicillin-Resistant Staphylococcus aureus in Acute Care Settings. <i>Infectious Disease Clinics of North America</i> , 2016 , 30, 931-952	6.5	8
49	Antimicrobial de-escalation of treatment for healthcare-associated pneumonia within the Veterans Healthcare Administration. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 539-46	5.1	22
48	An Economic Analysis of Strategies to Control Clostridium Difficile Transmission and Infection Using an Agent-Based Simulation Model. <i>PLoS ONE</i> , 2016 , 11, e0152248	3.7	17
47	Low frequency of asymptomatic carriage of toxigenic Clostridium difficile in an acute care geriatric hospital: prospective cohort study in Switzerland. <i>Antimicrobial Resistance and Infection Control</i> , 2016 , 5, 24	6.2	4
46	De-constructing de-escalation. Clinical Microbiology and Infection, 2016, 22, 958-959	9.5	5
45	Initiation and termination of antibiotic regimens in Veterans Affairs hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 598-601	5.1	3
44	Transmission and effect of multiple clusters of seasonal influenza in a Swiss geriatric hospital. Journal of the American Geriatrics Society, 2015 , 63, 739-44	5.6	35
43	Trends in Antibiotic Use and Nosocomial Pathogens in Hospitalized Veterans With Pneumonia at 128 Medical Centers, 2006-2010. <i>Clinical Infectious Diseases</i> , 2015 , 61, 1403-10	11.6	48
42	Special considerations of antibiotic prescription in the geriatric population. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 3-9	9.5	40
41	Randomized non-inferiority trial to compare trimethoprim/sulfamethoxazole plus rifampicin versus linezolid for the treatment of MRSA infection. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 264-72	5.1	44

40	Description and validation of a spectrum score method to measure antimicrobial de-escalation in healthcare associated pneumonia from electronic medical records data. <i>BMC Infectious Diseases</i> , 2015 , 15, 197	4	13
39	Hydrogen peroxide room disinfectionready for prime time?. <i>Critical Care</i> , 2015 , 19, 216	10.8	1
38	Augmented renal clearance, low flactam concentrations and clinical outcomes in the critically ill: an observational prospective cohort study. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45, 385-	9 1 4·3	114
37	Antibiotic research and development: business as usual?. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1604-7	5.1	51
36	Success stories of implementation of antimicrobial stewardship: a narrative review. <i>Clinical Microbiology and Infection</i> , 2014 , 20, 954-62	9.5	51
35	Development of an antibiotic spectrum score based on veterans affairs culture and susceptibility data for the purpose of measuring antibiotic de-escalation: a modified Delphi approach. <i>Infection Control and Hospital Epidemiology</i> , 2014 , 35, 1103-13	2	41
34	The effect of Medicare Part D on health care utilization for non-elderly Medicare recipients with disabilities. <i>Disability and Health Journal</i> , 2014 , 7, 64-9	4.2	8
33	Antibiotic prescription for sore throat or the legacy of Mr X2. <i>Lancet Infectious Diseases, The</i> , 2014 , 14, 177-8	25.5	1
32	Assessing the burden of healthcare-associated infections through prevalence studies: what is the best method?. <i>Infection Control and Hospital Epidemiology</i> , 2014 , 35, 674-84	2	15
31	1326Validation of the Antibiotic Spectrum Score Method to Measure Antibiotic De-escalation (AD) Utilizing Electronic Bar Code Medication Admininstration Data in Patients with Healthcare Associated Pneumonia (HCAP). <i>Open Forum Infectious Diseases</i> , 2014 , 1, S53-S53	1	78
30	What do Spaniards read about the prudent use of anti-microbial agents and what do they really do?. <i>Psychology, Health and Medicine</i> , 2014 , 19, 201-10	2.1	5
29	Preoperative asymptomatic bacteriuria and subsequent prosthetic joint infection: lack of a causal relation. <i>Clinical Infectious Diseases</i> , 2014 , 59, 1506-7	11.6	5
28	Relationships between the importation, transmission, and nosocomial infections of methicillin-resistant Staphylococcus aureus: an observational study of 112 Veterans Affairs Medical Centers. <i>Clinical Infectious Diseases</i> , 2014 , 58, 32-9	11.6	23
27	Does universal active MRSA surveillance influence anti-MRSA antibiotic use? A retrospective analysis of the treatment of patients admitted with suspicion of infection at Veterans Affairs Medical Centers between 2005 and 2010. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 3401-8	5.1	7
26	Antibiotic prescription practices for pneumonia, skin and soft tissue infections and urinary tract infections throughout the US Veterans Affairs system. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 2393-9	5.1	37
25	Decolonization of intestinal carriage of extended-spectrum flactamase-producing Enterobacteriaceae with oral colistin and neomycin: a randomized, double-blind, placebo-controlled trial. <i>Journal of Antimicrobial Chemotherapy</i> , 2013 , 68, 2375-82	5.1	44
24	Patented drug extension strategies on healthcare spending: a cost-evaluation analysis. <i>PLoS Medicine</i> , 2013 , 10, e1001460	11.6	24
23	A simulation-based assessment of strategies to control Clostridium difficile transmission and infection. <i>PLoS ONE</i> , 2013 , 8, e80671	3.7	33

(2008-2012)

22	Parenteral to oral conversion of fluoroquinolones: low-hanging fruit for antimicrobial stewardship programs?. <i>Infection Control and Hospital Epidemiology</i> , 2012 , 33, 362-7	2	27
21	Epidemiology of methicillin-resistant Staphylococcus aureus carriage and MRSA surgical site infections in patients undergoing colorectal surgery: a cohort study in two centers. <i>Surgical Infections</i> , 2012 , 13, 401-5	2	12
20	Drugs of last resort? The use of polymyxins and tigecycline at US Veterans Affairs medical centers, 2005-2010. <i>PLoS ONE</i> , 2012 , 7, e36649	3.7	32
19	Double trouble: how big a problem is redundant anaerobic antibiotic coverage in Veterans Affairs medical centres?. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1537-9	5.1	23
18	At least it won the personal risks of antibiotic exposure. Current Opinion in Pharmacology, 2011 , 11, 446-52	5.1	19
17	Fatal Cytomegalovirus Pneumonitis and Ileitis in a Patient with a Cardiac Assist Device. <i>American Surgeon</i> , 2011 , 77, 182-183	0.8	4
16	Secular trends in antibiotic use among neonates: 2001-2008. <i>Pediatric Infectious Disease Journal</i> , 2011 , 30, 365-70	3.4	32
15	Control of methicillin-resistant Staphylococcus aureus. <i>Infectious Disease Clinics of North America</i> , 2011 , 25, 155-79	6.5	44
14	Outpatient antibiotic use in the United States: time to "get smarter". <i>Clinical Infectious Diseases</i> , 2011 , 53, 640-3	11.6	14
13	Modelling the impact of antibiotic use on antibiotic-resistant Escherichia coli using population-based data from a large hospital and its surrounding community. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 928-35	5.1	65
12	Impact of the French campaign to reduce inappropriate ambulatory antibiotic use on the prescription and consultation rates for respiratory tract infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2872-9	5.1	43
11	Characteristics and outcomes of public campaigns aimed at improving the use of antibiotics in outpatients in high-income countries. <i>Lancet Infectious Diseases, The</i> , 2010 , 10, 17-31	25.5	297
10	Think (Gram) negative!. Critical Care, 2010, 14, 171	10.8	1
9	"Antibiotics are not automatic anymore"the French national campaign to cut antibiotic overuse. <i>PLoS Medicine</i> , 2009 , 6, e1000080	11.6	27
8	Unusual evolution of a non-hacek Gram-negative endocarditis in a patient with Turner syndrome. <i>Age and Ageing</i> , 2009 , 38, 485-6	3	1
7	Navigating the Web in search of resources on antimicrobial stewardship in health care institutions. <i>Clinical Infectious Diseases</i> , 2009 , 48, 626-32	11.6	24
6	Risk factors for methicillin-resistant Staphylococcus aureus surgical site infection. <i>Infection Control and Hospital Epidemiology</i> , 2008 , 29, 890-3	2	42
5	Comment on: Control of extended-spectrum beta-lactamase-producing Klebsiella pneumoniae using a computer-assisted management program to restrict third-generation cephalosporin use. Journal of Antimicrobial Chemotherapy, 2008, 62, 1165; author reply 1165-6	5.1	2

4	Methicillin-resistant Staphylococcus aureus control in the 21st century: beyond the acute care hospital. <i>Current Opinion in Infectious Diseases</i> , 2008 , 21, 372-9	5.4	31
3	Mycoplasma pneumoniae: usual suspect and unsecured diagnosis in the acute setting. <i>Journal of Emergency Medicine</i> , 2006 , 30, 371-5	1.5	8
2	Conservative management of a brain abscess in a patient with Staphylococcus lugdunensis endocarditis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2006 , 25, 476-8	5.3	11
1	A PEST-like element in FREQUENCY determines the length of the circadian period in Neurospora crassa. <i>EMBO Journal</i> , 2001 , 20, 7074-84	13	130