

Hajo Grundmann

List of Publications by Year in descending order

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43
papers

6,431
citations

257450

24
h-index

254184

43
g-index

45
all docs

45
docs citations

45
times ranked

8065
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolutionary history of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 7687-7692.	7.1	1,354
2	Emergence and resurgence of methicillin-resistant <i>Staphylococcus aureus</i> as a public-health threat. Lancet, The, 2006, 368, 874-885.	13.7	921
3	Occurrence of carbapenemase-producing <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> in the European survey of carbapenemase-producing Enterobacteriaceae (EuSCAPE): a prospective, multinational study. Lancet Infectious Diseases, The, 2017, 17, 153-163.	9.1	522
4	Epidemic of carbapenem-resistant <i>Klebsiella pneumoniae</i> in Europe is driven by nosocomial spread. Nature Microbiology, 2019, 4, 1919-1929.	13.3	476
5	Microreact: visualizing and sharing data for genomic epidemiology and phylogeography. Microbial Genomics, 2016, 2, e000093.	2.0	470
6	Geographic Distribution of <i>Staphylococcus aureus</i> Causing Invasive Infections in Europe: A Molecular-Epidemiological Analysis. PLoS Medicine, 2010, 7, e1000215.	8.4	456
7	Methicillin-resistant <i>Staphylococcus aureus</i> in Europe, 1999–2002. Emerging Infectious Diseases, 2004, 10, 1627-1634.	4.3	452
8	Carbapenemase-producing Enterobacteriaceae in Europe: assessment by national experts from 38 countries, May 2015. Eurosurveillance, 2015, 20, .	7.0	332
9	Whole-Genome Sequencing for Routine Pathogen Surveillance in Public Health: a Population Snapshot of Invasive <i>Staphylococcus aureus</i> in Europe. MBio, 2016, 7, .	4.1	192
10	How many infections are caused by patient-to-patient transmission in intensive care units?*. Critical Care Medicine, 2005, 33, 946-951.	0.9	164
11	Novel Subclone of Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Sequence Type 11 with Enhanced Virulence and Transmissibility, China. Emerging Infectious Diseases, 2020, 26, 289-297.	4.3	126
12	Use of whole-genome sequencing to trace, control and characterize the regional expansion of extended-spectrum β -lactamase producing ST15 <i>Klebsiella pneumoniae</i> . Scientific Reports, 2016, 6, 20840.	3.3	117
13	A framework for global surveillance of antibiotic resistance. Drug Resistance Updates, 2011, 14, 79-87.	14.4	101
14	Integrated chromosomal and plasmid sequence analyses reveal diverse modes of carbapenemase gene spread among <i>Klebsiella pneumoniae</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25043-25054.	7.1	97
15	Building a genomic framework for prospective MRSA surveillance in the United Kingdom and the Republic of Ireland. Genome Research, 2016, 26, 263-270.	5.5	63
16	Travel advice: a study among Swiss and German general practitioners. Tropical Medicine and International Health, 1997, 2, 6-12.	2.3	55
17	Characterization of a CTX-M-15 Producing <i>Klebsiella pneumoniae</i> Outbreak Strain Assigned to a Novel Sequence Type (1427). Frontiers in Microbiology, 2015, 6, 1250.	3.5	52
18	Daptomycin Resistant <i>Staphylococcus aureus</i> Clinical Strain With Novel Non-synonymous Mutations in the <i>mprF</i> and <i>vraS</i> Genes: A New Insight Into Daptomycin Resistance. Frontiers in Microbiology, 2018, 9, 2705.	3.5	51

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19	Carriage of <i>Staphylococcus aureus</i> in Thika Level 5 Hospital, Kenya: a cross-sectional study. <i>Antimicrobial Resistance and Infection Control</i> , 2014, 3, 22.	4.1	42
20	High Anti-Staphylococcal Antibody Titers in Patients with Epidermolysis Bullosa Relate to Long-Term Colonization with Alternating Types of <i>Staphylococcus aureus</i> . <i>Journal of Investigative Dermatology</i> , 2013, 133, 847-850.	0.7	40
21	The Staphylococcal Cassette Chromosome mec type V from <i>Staphylococcus aureus</i> ST398 is packaged into bacteriophage capsids. <i>International Journal of Medical Microbiology</i> , 2014, 304, 764-774.	3.6	39
22	Carbapenemase-Producing <i>Klebsiella pneumoniae</i> in Romania: A Six-Month Survey. <i>PLoS ONE</i> , 2015, 10, e0143214.	2.5	39
23	Complete-genome sequencing elucidates outbreak dynamics of CA-MRSA USA300 (ST8-spa t008) in an academic hospital of Paramaribo, Republic of Suriname. <i>Scientific Reports</i> , 2017, 7, 41050.	3.3	33
24	Whole-genome analysis of an oxacillin-susceptible CC80 <i>mecA</i> -positive <i>Staphylococcus aureus</i> clinical isolate: insights into the mechanisms of cryptic methicillin resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2956-2964.	3.0	27
25	The Carbapenemase-Producing <i>Klebsiella pneumoniae</i> Population Is Distinct and More Clonal than the Carbapenem-Susceptible Population. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	26
26	Antibiotic resistance needs global solutions. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 550-551.	9.1	25
27	Towards a global antibiotic resistance surveillance system: a primer for a roadmap. <i>Uppsala Journal of Medical Sciences</i> , 2014, 119, 87-95.	0.9	24
28	Population genetic structuring of methicillin-resistant <i>Staphylococcus aureus</i> clone EMRSA-15 within UK reflects patient referral patterns. <i>Microbial Genomics</i> , 2017, 3, e000113.	2.0	19
29	High prevalence and clonal dissemination of OXA-72-producing <i>Acinetobacter baumannii</i> in a Chinese hospital: a cross sectional study. <i>BMC Infectious Diseases</i> , 2018, 18, 491.	2.9	18
30	Preventing the introduction of methicillin-resistant <i>Staphylococcus aureus</i> into hospitals. <i>Journal of Global Antimicrobial Resistance</i> , 2014, 2, 260-268.	2.2	12
31	Navigating hospitals safely through the COVID-19 epidemic tide: Predicting case load for adjusting bed capacity. <i>Infection Control and Hospital Epidemiology</i> , 2021, 42, 653-658.	1.8	12
32	Epidemiological Typing of <i>Serratia marcescens</i> Isolates by Whole-Genome Multilocus Sequence Typing. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	11
33	Third-generation cephalosporins as antibiotic prophylaxis in neurosurgery: What's the evidence?. <i>Clinical Neurology and Neurosurgery</i> , 2014, 116, 13-19.	1.4	10
34	Antimicrobial resistance surveillance with whole genome sequencing in Africa: It's (about) time. <i>African Journal of Laboratory Medicine</i> , 2018, 7, 761.	0.6	9
35	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, 1298-1302.	3.0	7
36	Phylogeographical Analysis Reveals the Historic Origin, Emergence, and Evolutionary Dynamics of Methicillin-Resistant <i>Staphylococcus aureus</i> ST228. <i>Frontiers in Microbiology</i> , 2020, 11, 2063.	3.5	6

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37	Rotavirus outbreak among adults in a university hospital in Germany. <i>Journal of Clinical Virology</i> , 2020, 129, 104532.	3.1	6
38	Assessing antibiotic therapy effectiveness against the major bacterial pathogens in a hospital using an integrated index. <i>Future Microbiology</i> , 2017, 12, 853-866.	2.0	5
39	Predicting nosocomial lower respiratory tract infections by a risk index based system. <i>Scientific Reports</i> , 2017, 7, 15933.	3.3	4
40	Evaluation of the BD Phoenix CPO detect panel for prediction of Ambler class carbapenemases. <i>Scientific Reports</i> , 2021, 11, 13150.	3.3	4
41	Mortality associated with third-generation cephalosporin resistance in Enterobacteriaceae bloodstream infections at one South African hospital. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 29, 176-184.	2.2	4
42	Occurrence of nosocomial methicillin-resistant <i>Staphylococcus aureus</i> as a marker for transmission in a surgical intensive care unit in China. <i>American Journal of Infection Control</i> , 2014, 42, 436-438.	2.3	2
43	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