

Axel Hamprecht

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

3,412
citations

94381

37
h-index

168321

53
g-index

113
all docs

113
docs citations

113
times ranked

4636
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergence of azole-resistant invasive aspergillosis in HSCT recipients in Germany. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1522-1526.	1.3	161
2	A Multinational, Preregistered Cohort Study of β -Lactam/ β -Lactamase Inhibitor Combinations for Treatment of Bloodstream Infections Due to Extended-Spectrum- β -Lactamase-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4159-4169.	1.4	137
3	Whole genome analyses of CMY-2-producing <i>Escherichia coli</i> isolates from humans, animals and food in Germany. <i>BMC Genomics</i> , 2018, 19, 601.	1.2	128
4	Diagnosis and antimicrobial therapy of lung infiltrates in febrile neutropenic patients (allogeneic SCT) Tj ETQq0 0 0 rgBT /Overlock 10 Tf of Hematology and Medical Oncology (DGHO). <i>Annals of Oncology</i> , 2015, 26, 21-33.	0.6	121
5	Prognostic factors in 264 adults with invasive <i>Scedosporium</i> spp. and <i>Lomentospora prolificans</i> infection reported in the literature and FungiScope [®] . <i>Critical Reviews in Microbiology</i> , 2019, 45, 1-21.	2.7	106
6	Detection of NDM-7 in Germany, a new variant of the New Delhi metallo- β -lactamase with increased carbapenemase activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1737-1740.	1.3	100
7	Distinct impact of antibiotics on the gut microbiome and resistome: a longitudinal multicenter cohort study. <i>BMC Biology</i> , 2019, 17, 76.	1.7	92
8	Colonization with third-generation cephalosporin-resistant Enterobacteriaceae on hospital admission: prevalence and risk factors. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 2957-2963.	1.3	88
9	A multicentre cohort study on colonization and infection with ESBL-producing Enterobacteriaceae in high-risk patients with haematological malignancies. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 3387-3392.	1.3	84
10	Invasive infections due to <i>Saprochaete</i> and <i>Geotrichum</i> species: Report of 23 cases from the FungiScope Registry. <i>Mycoses</i> , 2017, 60, 273-279.	1.8	78
11	Comparison of five methods for detection of carbapenemases in Enterobacterales with proposal of a new algorithm. <i>Clinical Microbiology and Infection</i> , 2019, 25, 1286.e9-1286.e15.	2.8	73
12	Epidemiology of invasive aspergillosis and azole resistance in patients with acute leukaemia: the SEPIA Study. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 218-223.	1.1	71
13	Diagnosis of invasive fungal diseases in haematology and oncology: 2018 update of the recommendations of the infectious diseases working party of the German society for hematology and medical oncology (<sc>AGIHO</sc>). <i>Mycoses</i> , 2018, 61, 796-813.	1.8	69
14	Prevalence and molecular characterization of azole resistance in <i>Aspergillus</i> spp. isolates from German cystic fibrosis patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 1533-1536.	1.3	67
15	Azole-Resistance in <i>Aspergillus terreus</i> and Related Species: An Emerging Problem or a Rare Phenomenon?. <i>Frontiers in Microbiology</i> , 2018, 9, 516.	1.5	66
16	<i>Fusarium</i> Keratitis in Germany. <i>Journal of Clinical Microbiology</i> , 2017, 55, 2983-2995.	1.8	65
17	<i>In Vivo</i> Selection of a Missense Mutation in <i>adeR</i> and Conversion of the Novel <i>bla</i> _{OXA-164} Gene into <i>bla</i> _{OXA-58} in Carbapenem-Resistant <i>Acinetobacter baumannii</i> Isolates from a Hospitalized Patient. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 5021-5027.	1.4	63
18	Toll-like receptor (TLR)-9 promotor polymorphisms and atherosclerosis. <i>Clinica Chimica Acta</i> , 2006, 364, 303-307.	0.5	61

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19	Rapid and inexpensive real-time PCR for genotyping functional polymorphisms within the Toll-like receptor -2, -4, and -9 genes. <i>Journal of Immunological Methods</i> , 2004, 285, 281-291.	0.6	60
20	Impact of bla _{NDM-1} on fitness and pathogenicity of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> . <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 430-435.	1.1	52
21	Comparison of Predictors and Mortality Between Bloodstream Infections Caused by ESBL-Producing <i>Escherichia coli</i> and ESBL-Producing <i>Klebsiella pneumoniae</i> . <i>Infection Control and Hospital Epidemiology</i> , 2018, 39, 660-667.	1.0	49
22	Pathogenicity of pan-drug-resistant <i>Serratia marcescens</i> harbouring bla _{NDM-1} . <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1026-1030.	1.3	47
23	Fungus-Specific CD4 ⁺ T Cells for Rapid Identification of Invasive Pulmonary Mold Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 348-352.	2.5	47
24	Multicentre investigation of carbapenemase-producing <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> in German hospitals. <i>International Journal of Medical Microbiology</i> , 2016, 306, 415-420.	1.5	47
25	FungiScope [®] Global Emerging Fungal Infection Registry. <i>Mycoses</i> , 2017, 60, 508-516.	1.8	47
26	Prevalence and characterization of azole-resistant <i>Aspergillus fumigatus</i> in patients with cystic fibrosis: a prospective multicentre study in Germany. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 2047-2053.	1.3	47
27	Development and validation of the INCREMENT-ESBL predictive score for mortality in patients with bloodstream infections due to extended-spectrum- β -lactamase-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw513.	1.3	46
28	Use of an Enrichment Broth Improves Detection of Extended-Spectrum-Beta-Lactamase-Producing Enterobacteriaceae in Clinical Stool Samples. <i>Journal of Clinical Microbiology</i> , 2016, 54, 467-470.	1.8	45
29	Thirty years of VRE in Germany – “expect the unexpected”: The view from the National Reference Centre for Staphylococci and Enterococci. <i>Drug Resistance Updates</i> , 2020, 53, 100732.	6.5	44
30	Incidence of Cyp51 A Key Mutations in <i>Aspergillus fumigatus</i> – A Study on Primary Clinical Samples of Immunocompromised Patients in the Period of 1995 – 2013. <i>PLoS ONE</i> , 2014, 9, e103113.	1.1	44
31	Detection of the carbapenemase GIM-1 in <i>Enterobacter cloacae</i> in Germany. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 558-561.	1.3	43
32	Empiric Therapy With Carbapenem-Sparing Regimens for Bloodstream Infections due to Extended-Spectrum β -Lactamase-Producing Enterobacteriaceae: Results From the INCREMENT Cohort. <i>Clinical Infectious Diseases</i> , 2017, 65, 1615-1623.	2.9	43
33	A prospective international <i>Aspergillus terreus</i> survey: an EFISC, ISHAM and ECMM joint study. <i>Clinical Microbiology and Infection</i> , 2017, 23, 776.e1-776.e5.	2.8	42
34	Ertapenem for the treatment of bloodstream infections due to ESBL-producing Enterobacteriaceae: a multinational pre-registered cohort study. <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 1672-1680.	1.3	41
35	Azole Resistance in <i>Aspergillus fumigatus</i> in Patients with Cystic Fibrosis: A Matter of Concern?. <i>Mycopathologia</i> , 2018, 183, 151-160.	1.3	40
36	Performance of two MALDI-TOF MS systems for the identification of yeasts isolated from bloodstream infections and cerebrospinal fluids using a time-saving direct transfer protocol. <i>Medical Microbiology and Immunology</i> , 2014, 203, 93-99.	2.6	38

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37	Azole-resistant invasive aspergillosis in a patient with acute myeloid leukaemia in Germany. <i>Eurosurveillance</i> , 2012, 17, .	3.9	38
38	Predictors of outcome in patients with severe sepsis or septic shock due to extended-spectrum β -lactamase-producing Enterobacteriaceae. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 577-585.	1.1	36
39	<i>Candida auris</i> in Germany and Previous Exposure to Foreign Healthcare. <i>Emerging Infectious Diseases</i> , 2019, 25, 1763-1765.	2.0	35
40	Rapid detection of OXA-48-like, KPC, NDM, and VIM carbapenemases in Enterobacterales by a new multiplex immunochromatographic test. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 331-335.	1.3	35
41	Comparison of Phenotypic Tests and an Immunochromatographic Assay and Development of a New Algorithm for Detection of OXA-48-like Carbapenemases. <i>Journal of Clinical Microbiology</i> , 2017, 55, 877-883.	1.8	33
42	Rapid detection of NDM, KPC and OXA-48 carbapenemases directly from positive blood cultures using a new multiplex immunochromatographic assay. <i>PLoS ONE</i> , 2018, 13, e0204157.	1.1	31
43	Clinical-scale isolation of the total <i>Aspergillus fumigatus</i> reactive "helper cell repertoire for adoptive transfer. <i>Cytotherapy</i> , 2015, 17, 1396-1405.	0.3	30
44	Pathogenicity of Clinical OXA-48 Isolates and Impact of the OXA-48 IncL Plasmid on Virulence and Bacterial Fitness. <i>Frontiers in Microbiology</i> , 2019, 10, 2509.	1.5	30
45	<i>In vitro</i> activity of colistin as single agent and in combination with antifungals against filamentous fungi occurring in patients with cystic fibrosis. <i>Mycoses</i> , 2013, 56, 297-303.	1.8	29
46	Importance of pre-enrichment for detection of third-generation cephalosporin-resistant Enterobacteriaceae (3GCREB) from rectal swabs. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2017, 36, 1847-1851.	1.3	29
47	Detection of Multidrug-Resistant Enterobacterales "From ESBLs to Carbapenemases. <i>Antibiotics</i> , 2021, 10, 1140.	1.5	29
48	Systematic Comparison of Four Methods for Detection of Carbapenemase-Producing Enterobacterales Directly from Blood Cultures. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	28
49	Multiplex Immunochromatographic Detection of OXA-48, KPC, and NDM Carbapenemases: Impact of Inoculum, Antibiotics, and Agar. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	1.8	27
50	Our 2015 approach to invasive pulmonary aspergillosis. <i>Mycoses</i> , 2015, 58, 375-382.	1.8	26
51	Prevalence of third-generation cephalosporin-resistant Enterobacterales colonization on hospital admission and ESBL genotype-specific risk factors: a cross-sectional study in six German university hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1631-1638.	1.3	25
52	Chaetomium-like fungi causing opportunistic infections in humans: a possible role for extremotolerance. <i>Fungal Diversity</i> , 2016, 76, 11-26.	4.7	24
53	Comparison of Two Molecular Assays for Detection and Characterization of <i>Aspergillus fumigatus</i> Triazole Resistance and Cyp51A Mutations in Clinical Isolates and Primary Clinical Samples of Immunocompromised Patients. <i>Frontiers in Microbiology</i> , 2018, 9, 555.	1.5	21
54	Diversity of <i>Pneumocystis jirovecii</i> Across Europe: A Multicentre Observational Study. <i>EBioMedicine</i> , 2017, 22, 155-163.	2.7	20

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55	Molecular typing and in vitro resistance of <i>Cryptococcus neoformans</i> clinical isolates obtained in Germany between 2011 and 2017. <i>International Journal of Medical Microbiology</i> , 2019, 309, 151336.	1.5	20
56	Antifungal activity of nitroxoline against <i>Candida auris</i> isolates. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1697.e7-1697.e10.	2.8	20
57	ECMM <i>CandiReg</i> ™ A ready to use platform for outbreaks and epidemiological studies. <i>Mycoses</i> , 2019, 62, 920-927.	1.8	19
58	In vitro activity of mecillinam and nitroxoline against <i>Neisseria gonorrhoeae</i> – re-purposing old antibiotics in the multi-drug resistance era. <i>Journal of Medical Microbiology</i> , 2019, 68, 991-995.	0.7	19
59	Rapid and Easy Detection of Carbapenemases in Enterobacterales in the Routine Laboratory Using the New GenePOC Carba/Revogene Carba C Assay. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	1.8	18
60	Impact of single-room contact precautions on hospital-acquisition and transmission of multidrug-resistant <i>Escherichia coli</i> : a prospective multicentre cohort study in haematological and oncological wards. <i>Clinical Microbiology and Infection</i> , 2019, 25, 1013-1020.	2.8	17
61	Susceptibility to cephalosporin combinations and aztreonam/avibactam among third-generation cephalosporin-resistant Enterobacteriaceae recovered on hospital admission. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 239-242.	1.1	16
62	FunResDB™ A web resource for genotypic susceptibility testing of <i>Aspergillus fumigatus</i> . <i>Medical Mycology</i> , 2018, 56, 117-120.	0.3	16
63	Azole-resistant invasive aspergillosis in a patient with acute myeloid leukaemia in Germany. <i>Eurosurveillance</i> , 2012, 17, 20262.	3.9	15
64	Validation of a novel real-time PCR for detecting <i>Rasamsonia argillacea</i> species complex in respiratory secretions from cystic fibrosis patients. <i>New Microbes and New Infections</i> , 2014, 2, 72-78.	0.8	14
65	Results from a Prospective <i>In Vitro</i> Study on the Mecillinam (Amdinocillin) Susceptibility of <i>Enterobacterales</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	14
66	Successful treatment of recalcitrant malar rash in a patient with cutaneous lupus erythematosus with efalizumab. <i>Clinical and Experimental Dermatology</i> , 2008, 33, 347-348.	0.6	12
67	Susceptibility of carbapenemase-producing Enterobacterales (CPE) to nitroxoline. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2934-2937.	1.3	12
68	Antimicrobial peptides derived from the cartilage-specific C-type Lectin Domain Family 3 Member A (CLEC3A) – potential in the prevention and treatment of septic arthritis. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 1564-1573.	0.6	12
69	Mould-reactive T cells for the diagnosis of invasive mould infection – A prospective study. <i>Mycoses</i> , 2019, 62, 562-569.	1.8	12
70	Comparison of nine different selective agars for the detection of carbapenemase-producing Enterobacterales (CPE). <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 923-927.	1.3	12
71	Comparison of Two Commercially Available qPCR Kits for the Detection of <i>Candida auris</i> . <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 154.	1.5	12
72	Susceptibility of Clinical Enterobacterales Isolates With Common and Rare Carbapenemases to Mecillinam. <i>Frontiers in Microbiology</i> , 2020, 11, 627267.	1.5	12

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73	Incidence of infections due to third generation cephalosporin-resistant Enterobacteriaceae - a prospective multicentre cohort study in six German university hospitals. <i>Antimicrobial Resistance and Infection Control</i> , 2018, 7, 159.	1.5	11
74	Comparison of VITEK® 2, three different gradient strip tests and broth microdilution for detecting vanB-positive <i>Enterococcus faecium</i> isolates with low vancomycin MICs. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2926-2929.	1.3	10
75	Bloodstream Infections Caused by <i>Magnusiomyces capitatus</i> and <i>Magnusiomyces clavatus</i> : Epidemiological, Clinical, and Microbiological Features of Two Emerging Yeast Species. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0183421.	1.4	10
76	OXA-484, an OXA-48-Type Carbapenem-Hydrolyzing Class D β -Lactamase From <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 660094.	1.5	9
77	Geographical variation in therapy for bloodstream infections due to multidrug-resistant Enterobacteriaceae: a post-hoc analysis of the INCREMENT study. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 664-672.	1.1	8
78	Controlling intestinal colonization of high-risk haematology patients with ESBL-producing Enterobacteriaceae: a randomized, placebo-controlled, multicentre, Phase II trial (CLEAR). <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 2065-2074.	1.3	8
79	Rapid detection of carbapenemases directly from positive blood cultures by the β -CARBA test. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 259-264.	1.3	8
80	Systematic Comparison of Three Commercially Available Combination Disc Tests and the Zinc-Supplemented Carbapenem Inactivation Method (zCIM) for Carbapenemase Detection in <i>Enterobacteriales</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2021, 59, e0314020.	1.8	8
81	Susceptibility to penicillin derivatives among third-generation cephalosporin-resistant Enterobacteriaceae recovered on hospital admission. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 87, 71-73.	0.8	7
82	High admission prevalence of fluoroquinolone resistance in third-generation cephalosporin-resistant Enterobacteriaceae in German university hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 1688-1691.	1.3	7
83	Failure of Vitek2 to reliably detect <i>vanB</i> -mediated vancomycin resistance in <i>Enterococcus faecium</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1698-1702.	1.3	7
84	Detection of <i>Fusarium</i> Species in Clinical Specimens by Probe-Based Real-Time PCR. <i>Journal of Fungi</i> (Basel, Switzerland), 2019, 5, 105.	1.5	6
85	Treatment of Infections Caused by Carbapenem-Resistant Enterobacteriaceae. <i>Current Treatment Options in Infectious Diseases</i> , 2014, 6, 425-438.	0.8	5
86	<i>In Vitro</i> Activity of Nitroxoline in Antifungal-Resistant <i>Candida</i> Species Isolated from the Urinary Tract. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, e0226521.	1.4	5
87	<i>In vitro</i> susceptibility to 19 agents other than β -lactams among third-generation cephalosporin-resistant Enterobacteriaceae recovered on hospital admission. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw577.	1.3	4
88	Surgical Implications for Diagnosis and Treatment of Intestinal Aspergillosis in Pediatric Patients with ALL. <i>European Journal of Pediatric Surgery</i> , 2018, 28, 477-483.	0.7	4
89	Re: β -Clearance of carbapenemase-producing Enterobacteriaceae (CPE) carriage: a comparative study of NDM-1 and KPC CPE™. <i>Clinical Microbiology and Infection</i> , 2019, 25, 774-775.	2.8	4
90	Comparison of stool samples and rectal swabs with and without pre-enrichment for the detection of third-generation cephalosporin-resistant Enterobacteriales (3GCREB). <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021, 40, 2431-2436.	1.3	4

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91	Association between the dietary regimen and infection-related complications in neutropenic high-risk patients with cancer. <i>European Journal of Cancer</i> , 2021, 155, 281-290.	1.3	4
92	Making Moulds Meet Information retrieval as a basis for understanding <i>Pseudallescheria</i> and <i>Scedosporium</i> . <i>Mycoses</i> , 2011, 54, 1-4.	1.8	3
93	A profile of the GenePOC Carba C assay for the detection and differentiation of gene sequences associated with carbapenem-non-susceptibility. <i>Expert Review of Molecular Diagnostics</i> , 2020, 20, 757-769.	1.5	3
94	Evaluation of CARBA PACe, a novel rapid test for detection of carbapenemase-producing Enterobacterales. <i>Journal of Medical Microbiology</i> , 2021, 70, .	0.7	3
95	In vitro activity of cefiderocol against Gram-negative bacterial pathogens in Germany. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 28, 12-17.	0.9	3
96	<i>In vitro</i> activity of mecillinam, temocillin and nitroxoline against MDR Enterobacterales. <i>JAC-Antimicrobial Resistance</i> , 2022, 4, .	0.9	3
97	Association Between Prescribed Opioids and Infections in Patients With Neutropenia and Cancer. <i>JAMA Internal Medicine</i> , 2020, 180, 320.	2.6	2
98	β -1,3- <i>D</i> -Glucan and Galactomannan as Biomarkers for the Detection of Invasive <i>Geotrichum</i> and <i>Magnusiomyces</i> Infections: a Retrospective Evaluation. <i>Journal of Clinical Microbiology</i> , 2022, 60, JCM0160721.	1.8	1
99	Prevalence of colonisation with third generation cephalosporin-resistant enterobacteriaceae (3GCREB) on admission - a cross-sectional study in 6 university hospitals. <i>Antimicrobial Resistance and Infection Control</i> , 2015, 4, .	1.5	0
100	403. Prognostic Factors in 260 Adults With Invasive Scedosporiosis From Literature and FungiScope, <i>Open Forum Infectious Diseases</i> , 2018, 5, S155-S155.	0.4	0
101	412. Clinical and Pharmacoeconomic Evaluation of Antifungal Prophylaxis With Continuous Micafungin Compared to Posaconazole With Micafungin Bridging in Patients Undergoing Allogeneic Stem Cell Transplantation: A 6-Year Cohort Analysis. <i>Open Forum Infectious Diseases</i> , 2018, 5, S157-S158.	0.4	0
102	Efficient processing of MRSA screening specimens by a modified inoculation protocol. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 1857-1861.	1.3	0
103	Pilzinfektionen. , 2018, , 285-314.		0