

Inge C Gyssens

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6810098/inge-c-gyssens-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

110
papers

4,416
citations

35
h-index

64
g-index

121
ext. papers

5,210
ext. citations

6.5
avg, IF

5.15
L-index

#	Paper	IF	Citations
110	The global threat of antimicrobial resistance: science for intervention. <i>New Microbes and New Infections</i> , 2015 , 6, 22-9	4.1	581
109	Society's failure to protect a precious resource: antibiotics. <i>Lancet, The</i> , 2011 , 378, 369-71	40	206
108	Critical shortage of new antibiotics in development against multidrug-resistant bacteria-Time to react is now. <i>Drug Resistance Updates</i> , 2011 , 14, 118-24	23.2	205
107	Antibiotic prophylaxis and the risk of surgical site infections following total hip arthroplasty: timely administration is the most important factor. <i>Clinical Infectious Diseases</i> , 2007 , 44, 921-7	11.6	199
106	How to educate prescribers in antimicrobial stewardship practices. <i>Virulence</i> , 2013 , 4, 192-202	4.7	163
105	Urological complaints in relation to indinavir plasma concentrations in HIV-infected patients. <i>Aids</i> , 1999 , 13, 473-8	3.5	142
104	Mortality and progression to AIDS after starting highly active antiretroviral therapy. <i>Aids</i> , 2003 , 17, 2227-36	3.6	128
103	Experience with a once-daily dosing program of aminoglycosides in critically ill patients. <i>Intensive Care Medicine</i> , 2002 , 28, 936-42	14.5	127
102	Therapeutic drug monitoring of nelfinavir and indinavir in treatment-naive HIV-1-infected individuals. <i>Aids</i> , 2003 , 17, 1157-65	3.5	116
101	Adherence to local hospital guidelines for surgical antimicrobial prophylaxis: a multicentre audit in Dutch hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2003 , 51, 1389-96	5.1	89
100	Quality improvement of surgical prophylaxis in Dutch hospitals: evaluation of a multi-site intervention by time series analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2005 , 56, 1094-102	5.1	87
99	Forgotten antibiotics: an inventory in Europe, the United States, Canada, and Australia. <i>Clinical Infectious Diseases</i> , 2012 , 54, 268-74	11.6	71
98	Optimizing antimicrobial therapy. A method for antimicrobial drug use evaluation. <i>Journal of Antimicrobial Chemotherapy</i> , 1992 , 30, 724-7	5.1	69
97	The role of antibiotic stewardship in limiting antibacterial resistance among hematology patients. <i>Haematologica</i> , 2013 , 98, 1821-5	6.6	67
96	Preventing postoperative infections: current treatment recommendations. <i>Drugs</i> , 1999 , 57, 175-85	12.1	67
95	Survey of antibiotic use of individuals visiting public healthcare facilities in Indonesia. <i>International Journal of Infectious Diseases</i> , 2008 , 12, 622-9	10.5	59
94	Quality measures of antimicrobial drug use. <i>International Journal of Antimicrobial Agents</i> , 2001 , 17, 9-19	14.3	56

93	Determinants of recurrent toxicity-driven switches of highly active antiretroviral therapy. The ATHENA cohort. <i>Aids</i> , 2002 , 16, 737-45	3.5	54
92	Antibiotic research and development: business as usual?. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1604-7	5.1	51
91	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
90	Persistent leukocyturia and loss of renal function in a prospectively monitored cohort of HIV-infected patients treated with indinavir. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2003 , 32, 135-42	3.1	47
89	Antibiotic policy. <i>International Journal of Antimicrobial Agents</i> , 2011 , 38 Suppl, 11-20	14.3	44
88	Understanding variation in quality of antibiotic use for community-acquired pneumonia: effect of patient, professional and hospital factors. <i>Journal of Antimicrobial Chemotherapy</i> , 2005 , 56, 575-82	5.1	42
87	Colonization and resistance dynamics of gram-negative bacteria in patients during and after hospitalization. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 2879-86	5.9	42
86	Optimizing the timing of antimicrobial prophylaxis in surgery: an intervention study. <i>Journal of Antimicrobial Chemotherapy</i> , 1996 , 38, 301-8	5.1	42
85	A randomized trial of the efficacy and safety of sequential intravenous/oral moxifloxacin monotherapy versus intravenous piperacillin/tazobactam followed by oral amoxicillin/clavulanate for complicated skin and skin structure infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 2632-42	5.1	39
84	Efficacy and safety of IV/PO moxifloxacin and IV piperacillin/tazobactam followed by PO amoxicillin/clavulanic acid in the treatment of diabetic foot infections: results of the RELIEF study. <i>Infection</i> , 2013 , 41, 175-86	5.8	38
83	Impact of increasing antimicrobial resistance on wound management. <i>American Journal of Clinical Dermatology</i> , 2002 , 3, 1-7	7.1	37
82	European survey on principles of prudent antibiotic prescribing teaching in undergraduate students. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 354-61	9.5	36
81	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
80	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
79	A European survey of antibiotic management of methicillin-resistant <i>Staphylococcus aureus</i> infection: current clinical opinion and practice. <i>Clinical Microbiology and Infection</i> , 2010 , 16 Suppl 1, 3-30	9.5	35
78	Cross-sectional study of availability and pharmaceutical quality of antibiotics requested with or without prescription (Over The Counter) in Surabaya, Indonesia. <i>BMC Infectious Diseases</i> , 2010 , 10, 203	4	35
77	TLR1, TLR2, and TLR6 gene polymorphisms are associated with increased susceptibility to complicated skin and skin structure infections. <i>Journal of Infectious Diseases</i> , 2014 , 210, 311-8	7	34
76	Risk factors for urological symptoms in a cohort of users of the HIV protease inhibitor indinavir sulfate: the ATHENA cohort. <i>Archives of Internal Medicine</i> , 2002 , 162, 1493-501		33

75	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	5.1	30
74	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
73	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
72	Audit of antibiotic prescribing in two governmental teaching hospitals in Indonesia. <i>Clinical Microbiology and Infection</i> , 2008 , 14, 698-707	9.5	27
71	Early differentiation between rejection and infection in liver transplant patients by serum and biliary cytokine patterns. <i>Transplantation</i> , 2003 , 75, 146-51	1.8	27
70	Determinants of carriage of resistant <i>Escherichia coli</i> in the Indonesian population inside and outside hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2007 , 60, 377-84	5.1	26
69	Patient-related determinants of antibiotic use: a systematic review. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 48-53	9.5	24
68	Development of quality indicators for antimicrobial treatment in adults with sepsis. <i>BMC Infectious Diseases</i> , 2014 , 14, 345	4	24
67	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
66	Effect of optimized antibiotic prophylaxis on the incidence of surgical site infection. <i>Infection Control and Hospital Epidemiology</i> , 2006 , 27, 1340-6	2	23
65	Effect of dosing and dosing frequency on the efficacy of ceftizoxime and the emergence of ceftizoxime resistance during the early development of murine abscesses caused by <i>Bacteroides fragilis</i> and <i>Enterobacter cloacae</i> mixed infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2007 , 51, 3605-11	5.9	22
64	Outbreak of trichinellosis related to eating imported wild boar meat, Belgium, 2014. <i>Eurosurveillance</i> , 2016 , 21,	19.8	22
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	Forgotten antibiotics: a follow-up inventory study in Europe, the USA, Canada and Australia. <i>International Journal of Antimicrobial Agents</i> , 2017 , 49, 98-101	14.3	21
61	Effect of Optimized Antibiotic Prophylaxis on the Incidence of Surgical Site Infection. <i>Infection Control and Hospital Epidemiology</i> , 2006 , 27, 1340-1346	2	20
60	Persistent sterile leukocyturia is associated with impaired renal function in human immunodeficiency virus type 1-infected children treated with indinavir. <i>Pediatrics</i> , 2002 , 110, e19	7.4	20
59	Genetic variation in pattern recognition receptors: functional consequences and susceptibility to infectious disease. <i>Future Microbiology</i> , 2015 , 10, 989-1008	2.9	19
58	Genetic Variation in TLR10, an Inhibitory Toll-Like Receptor, Influences Susceptibility to Complicated Skin and Skin Structure Infections. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1491-9	7	19

57	Comparative study of the effects of ceftizoxime, piperacillin, and piperacillin-tazobactam concentrations on antibacterial activity and selection of antibiotic-resistant mutants of <i>Enterobacter cloacae</i> and <i>Bacteroides fragilis</i> in vitro and in vivo in mixed-infection abscesses. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 1688-98	5.9	19
56	Indinavir-associated asymptomatic nephrolithiasis and renal cortex atrophy in two HIV-1 infected children. <i>Aids</i> , 2001 , 15, 1745-7	3.5	18
55	Managing skin and soft-tissue infection and nosocomial pneumonia caused by MRSA: a 2014 follow-up survey. <i>International Journal of Antimicrobial Agents</i> , 2015 , 45 Suppl 1, S1-14	14.3	17
54	In vivo efficacy of trovafloxacin against <i>Bacteroides fragilis</i> in mixed infection with either <i>Escherichia coli</i> or a vancomycin-resistant strain of <i>Enterococcus faecium</i> in an established-abscess murine model. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 1394-401	5.9	16
53	In vitro activity of trovafloxacin against <i>Bacteroides fragilis</i> in mixed culture with either <i>Escherichia coli</i> or a vancomycin-resistant strain of <i>Enterococcus faecium</i> determined by an anaerobic time-kill technique. <i>Antimicrobial Agents and Chemotherapy</i> , 2001 , 45, 243-51	5.9	16
52	Polymorphisms in cytokine genes IL6, TNF, IL10, IL17A and IFNG influence susceptibility to complicated skin and skin structure infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014 , 33, 2267-74	5.3	15
51	Perioperative pharmacokinetics of cefotaxime in serum and bile during continuous and intermittent infusion in liver transplant patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2004 , 54, 199-205	5.1	15
50	Indinavir crystallization around the loop of Henle: experimental evidence. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2001 , 28, 9-13	3.1	15
49	Antimicrobial stewardship in a Gastroenterology Department: Impact on antimicrobial consumption, antimicrobial resistance and clinical outcome. <i>Digestive and Liver Disease</i> , 2016 , 48, 1142-7	3.3	15
48	Epidemiology of colistin-resistant, carbapenemase-producing Enterobacteriaceae and <i>Acinetobacter baumannii</i> in Croatia. <i>Infection, Genetics and Evolution</i> , 2020 , 81, 104263	4.5	14
47	Adoption of a national antimicrobial guide (SWAB-ID) in the Netherlands. <i>European Journal of Clinical Pharmacology</i> , 2016 , 72, 249-52	2.8	14
46	Cost of hospital antimicrobial chemotherapy. A method for global cost calculation. <i>Pharmaceutisch Weekblad</i> , 1991 , 13, 248-53		14
45	Two patients with recurrent melioidosis after prolonged antibiotic therapy. <i>Scandinavian Journal of Infectious Diseases</i> , 1997 , 29, 199-201		13
44	<i>Yersinia pseudotuberculosis</i> bacteraemia in a kidney transplant patient. <i>Nephrology Dialysis Transplantation</i> , 2002 , 17, 2252-4	4.3	13
43	Effect of a single percutaneous abscess drainage puncture and imipenem therapy, alone or in combination, in treatment of mixed-infection abscesses in mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 3712-8	5.9	12
42	Substituting nevirapine for protease inhibitors because of intolerance. <i>Aids</i> , 1999 , 13, 1423-4	3.5	12
41	Epidemiology and Risk Factors Associated With Mortality in Consecutive Patients With Bacterial Bloodstream Infection: Impact of MDR and XDR Bacteria. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa461	1	12
40	The fecal and mucosal microbiome in acute appendicitis patients: an observational study. <i>Future Microbiology</i> , 2019 , 14, 111-127	2.9	11

39	Role of Education in Antimicrobial Stewardship. <i>Medical Clinics of North America</i> , 2018 , 102, 855-871	7	9
38	Biodistribution of long-circulating PEG-liposomes in a murine model of established subcutaneous abscesses. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002 , 1561, 91-7	3.8	9
37	Direct molecular versus culture-based assessment of Gram-positive cocci in biopsies of patients with major abscesses and diabetic foot infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015 , 34, 1885-92	5.3	8
36	Is indinavir crystalluria an indicator for indinavir stone formation?. <i>Aids</i> , 2001 , 15, 1079-80	3.5	8
35	A role for TLR1, TLR2 and NOD2 in cytokine induction by <i>Bacteroides fragilis</i> . <i>Cytokine</i> , 2012 , 60, 861-9	4	7
34	Improving the quality of antimicrobial drug use can result in cost containment. <i>International Journal of Clinical Pharmacy</i> , 1995 , 17, 163-7		7
33	Feasibility of an antibiotic order form. First experience in the department of internal medicine of a university hospital. <i>International Journal of Clinical Pharmacy</i> , 1996 , 18, 137-41		7
32	The Clinical Impact of Rapid Molecular Microbiological Diagnostics for Pathogen and Resistance Gene Identification in Patients With Sepsis: A Systematic Review. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa352	1	7
31	Clinical Utility of Epstein-Barr Virus Viral Load Monitoring and Risk Factors for Posttransplant Lymphoproliferative Disorders After Kidney Transplantation: A Single-Center, 10-Year Observational Cohort Study. <i>Transplantation Direct</i> , 2017 , 3, e182	2.3	6
30	Coxsackievirus B1 peritonitis in a patient treated with continuous ambulatory peritoneal dialysis: a case report and brief review of the literature. <i>Clinical Microbiology and Infection</i> , 2012 , 18, E431-4	9.5	6
29	Determinants of carriage of resistant <i>Staphylococcus aureus</i> among <i>S. aureus</i> carriers in the Indonesian population inside and outside hospitals. <i>Tropical Medicine and International Health</i> , 2010 , 15, 1235-43	2.3	6
28	Differentiating influenza from COVID-19 in patients presenting with suspected sepsis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2021 , 40, 987-995	5.3	6
27	Screening to select patients carrying extended-spectrum β -lactamase-producing Enterobacteriaceae for isolation in Flemish intensive care units: a Swiss cheese strategy?. <i>Journal of Hospital Infection</i> , 2010 , 76, 354-5	6.9	5
26	Audits for Monitoring the Quality of Antimicrobial Prescriptions 2005 , 197-226		5
25	Risk Factors for Mortality, Intensive Care Unit Admission, and Bacteremia in Patients Suspected of Sepsis at the Emergency Department: A Prospective Cohort Study. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofaa594	1	5
24	An observational study of innate immune responses in patients with acute appendicitis. <i>Scientific Reports</i> , 2020 , 10, 17352	4.9	5
23	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
22	A five-component infection control bundle to permanently eliminate a carbapenem-resistant <i>Acinetobacter baumannii</i> spreading in an intensive care unit. <i>Antimicrobial Resistance and Infection Control</i> , 2021 , 10, 123	6.2	5

21	Re: "Comparison of antipseudomonal betalactams for febrile neutropenia empiric therapy: systematic review and network metaanalysis" by Horita et al. <i>Clinical Microbiology and Infection</i> , 2018 , 24, 662-663	9.5	4
20	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
19	Cytokine production assays reveal discriminatory immune defects in adults with recurrent infections and noninfectious inflammation. <i>Vaccine Journal</i> , 2014 , 21, 1061-9		4
18	Experiences with the Dutch Working Party on Antibiotic Policy (SWAB). <i>Eurosurveillance</i> , 2008 , 13,	19.8	4
17	Herpes Simplex Virus Re-Activation in Patients with SARS-CoV-2 Pneumonia: A Prospective, Observational Study. <i>Microorganisms</i> , 2021 , 9,	4.9	4
16	<i>Bacteroides fragilis</i> in biopsies of patients with major abscesses and diabetic foot infections: direct molecular versus culture-based detection. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016 , 85, 263-5	5.9	3
15	Q fever across the Dutch border in Limburg province, Belgium. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012 , 31, 2053-5	5.3	3
14	Invasive fungal infection in an elderly patient with defective inflammatory macrophage function. <i>Clinical Microbiology and Infection</i> , 2011 , 17, 1546-9	9.5	3
13	Effect of recombinant murine granulocyte colony-stimulating factor with or without fluoroquinolone therapy on mixed-infection abscesses in mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2005 , 49, 3668-75	5.9	2
12	How to optimize prescription of antimicrobial drugs. <i>Acta Clinica Belgica</i> , 1999 , 54, 7-12	1.8	2
11	Quality Indicators and Quantity Metrics of Antibiotic Use 2017 , 29-37		1
10	Lesion size is associated with genetic polymorphisms in TLR1, TLR6, and TIRAP genes in patients with major abscesses and diabetic foot infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020 , 39, 353-360	5.3	1
9	Temocillin in vitro activity against recent clinical isolates of <i>Neisseria gonorrhoeae</i> compared with penicillin, ceftriaxone and ciprofloxacin. <i>Journal of Antimicrobial Chemotherapy</i> , 2016 , 71, 1122-3	5.1	1
8	A prospective observational cohort study to identify inflammatory biomarkers for the diagnosis and prognosis of patients with sepsis.. <i>Journal of Intensive Care</i> , 2022 , 10, 13	7	1
7	A case study on bacteraemia: available treatment options, antibiotic R&D and responsible antibiotic-use strategies. <i>JAC-Antimicrobial Resistance</i> , 2020 , 2, dlaa034	2.9	0
6	Audit of empirical antibiotic therapy for sepsis and the impact of early multidisciplinary consultation on patient outcomes. <i>International Journal of Antimicrobial Agents</i> , 2021 , 58, 106379	14.3	0
5	Tackling antimicrobial resistance in the hospital sector 2020 , 71-98		
4	Antibiotic Stewardship in the Netherlands 2017 , 299-300		

3 Required Actions to Control Antimicrobial Resistant Healthcare-Associated Infections **2012**, 183-202

2 General Principles of Antimicrobial Therapy **2022**, 48-62

1 A once-daily HAART regimen containing indinavir + ritonavir plus one or two nucleoside reverse transcriptase inhibitors (PIPO study). *Antiviral Therapy*, **2003**, 8, 455-61 1.6