

# Niels Frimodt-Møller

## List of Publications by Year in descending order

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299  
papers

11,766  
citations

26630

56  
h-index

43889

91  
g-index

309  
all docs

309  
docs citations

309  
times ranked

12292  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plectasin is a peptide antibiotic with therapeutic potential from a saprophytic fungus. <i>Nature</i> , 2005, 437, 975-980.	27.8	557
2	Rapid Whole-Genome Sequencing for Detection and Characterization of Microorganisms Directly from Clinical Samples. <i>Journal of Clinical Microbiology</i> , 2014, 52, 139-146.	3.9	424
3	Interplay in the Selection of Fluoroquinolone Resistance and Bacterial Fitness. <i>PLoS Pathogens</i> , 2009, 5, e1000541.	4.7	291
4	Treatment and Outcome of <i>Staphylococcus aureus</i> Bacteremia. <i>Archives of Internal Medicine</i> , 2002, 162, 25.	3.8	230
5	In Vivo Transfer of the <i>vanA</i> Resistance Gene from an <i>Enterococcus faecium</i> Isolate of Animal Origin to an <i>E. faecium</i> Isolate of Human Origin in the Intestines of Human Volunteers. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 596-599.	3.2	213
6	Presence of erm gene classes in Gram-positive bacteria of animal and human origin in Denmark. <i>FEMS Microbiology Letters</i> , 1999, 170, 151-158.	1.8	199
7	Susceptibility of Danish <i>Escherichia coli</i> strains isolated from urinary tract infections and bacteraemia, and distribution of sul genes conferring sulphonamide resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2002, 50, 513-516.	3.0	197
8	Increasing frequency of vertebral osteomyelitis following <i>Staphylococcus aureus</i> bacteraemia in Denmark 1980-1990. <i>Journal of Infection</i> , 1997, 34, 113-118.	3.3	167
9	Transient Intestinal Carriage after Ingestion of Antibiotic-Resistant <i>Enterococcus faecium</i> from Chicken and Pork. <i>New England Journal of Medicine</i> , 2001, 345, 1161-1166.	27.0	152
10	In Vivo Pathogenicity of Eight Medically Relevant <i>Candida</i> Species in an Animal Model. <i>Infection</i> , 2002, 30, 286-291.	4.7	147
11	Infections with the Unusual Human Pathogens <i>Agrobacterium</i> Species and <i>Ochrobactrum anthropi</i> . <i>Clinical Infectious Diseases</i> , 1994, 18, 914-920.	5.8	143
12	Development of Azole Resistance in <i>Aspergillus fumigatus</i> during Azole Therapy Associated with Change in Virulence. <i>PLoS ONE</i> , 2010, 5, e10080.	2.5	143
13	Clinical Features of <i>Staphylococcus aureus</i> Endocarditis. <i>Archives of Internal Medicine</i> , 1999, 159, 462.	3.8	142
14	Clinical manifestations and molecular epidemiology of <i>Vibrio vulnificus</i> infections in Denmark. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 1996, 15, 227-232.	2.9	141
15	Neurologic Manifestations in <i>Staphylococcus aureus</i> Endocarditis: A Review of 260 Bacteremic Cases in Non-drug Addicts. <i>American Journal of Medicine</i> , 1997, 102, 379-386.	1.5	139
16	Bacteremic <i>Staphylococcus aureus</i> Spondylitis. <i>Archives of Internal Medicine</i> , 1998, 158, 509.	3.8	139
17	Risk Factors for Hospital-Acquired <i>Staphylococcus aureus</i> Bacteremia. <i>Archives of Internal Medicine</i> , 1999, 159, 1437.	3.8	137
18	Biological Cost of Single and Multiple Norfloxacin Resistance Mutations in <i>Escherichia coli</i> Implicated in Urinary Tract Infections. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 2343-2351.	3.2	132

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19	Increasing incidence but decreasing in-hospital mortality of adult <i>Staphylococcus aureus</i> bacteraemia between 1981 and 2000. <i>Clinical Microbiology and Infection</i> , 2007, 13, 257-263.	6.0	129
20	Novel Polymyxin Derivatives Carrying Only Three Positive Charges Are Effective Antibacterial Agents. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3229-3236.	3.2	126
21	Broiler chickens, broiler chicken meat, pigs and pork as sources of ExPEC related virulence genes and resistance in <i>Escherichia coli</i> isolates from community-dwelling humans and UTI patients†. <i>International Journal of Food Microbiology</i> , 2010, 142, 264-272.	4.7	124
22	In Vitro Activities of Ertapenem (MK-0826) against Recent Clinical Bacteria Collected in Europe and Australia. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1860-1867.	3.2	122
23	Development of a Long-Term Ascending Urinary Tract Infection Mouse Model for Antibiotic Treatment Studies. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 156-163.	3.2	119
24	<i>Escherichia coli</i> Isolates from Broiler Chicken Meat, Broiler Chickens, Pork, and Pigs Share Phylogroups and Antimicrobial Resistance with Community-Dwelling Humans and Patients with Urinary Tract Infection. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 537-547.	1.8	116
25	Oral amoxicillin and amoxicillin-clavulanic acid: properties, indications and usage. <i>Clinical Microbiology and Infection</i> , 2020, 26, 871-879.	6.0	106
26	How predictive is PK/PD for antibacterial agents?. <i>International Journal of Antimicrobial Agents</i> , 2002, 19, 333-339.	2.5	104
27	A Novel Polymyxin Derivative That Lacks the Fatty Acid Tail and Carries Only Three Positive Charges Has Strong Synergism with Agents Excluded by the Intact Outer Membrane. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 3341-3346.	3.2	103
28	Characteristics of <i>Escherichia coli</i> causing persistence or relapse of urinary tract infections: Phylogenetic groups, virulence factors and biofilm formation. <i>Virulence</i> , 2011, 2, 528-537.	4.4	102
29	Evaluation of a cefoxitin 30 Åg disc on Iso-Sensitest agar for detection of methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 204-207.	3.0	100
30	Pharmacodynamics of Glycopeptides in the Mouse Peritonitis Model of <i>Streptococcus pneumoniae</i> or <i>Staphylococcus aureus</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2000, 44, 1247-1254.	3.2	98
31	Detection of sul1, sul2 and sul3 in sulphonamide resistant <i>Escherichia coli</i> isolates obtained from healthy humans, pork and pigs in Denmark. <i>International Journal of Food Microbiology</i> , 2006, 106, 235-237.	4.7	94
32	Experimental Infection with <i>Streptococcus pneumoniae</i> in Mice: Correlation of in Vitro Activity and Pharmacokinetic Parameters with in Vivo Effect for 14 Cephalosporins. <i>Journal of Infectious Diseases</i> , 1986, 154, 511-517.	4.0	92
33	Prophylactic Antibiotics in Transurethral Prostatectomy. <i>Journal of Urology</i> , 1981, 126, 60-62.	0.4	90
34	Correlation between pharmacokinetic/pharmacodynamic parameters and efficacy for antibiotics in the treatment of urinary tract infection. <i>International Journal of Antimicrobial Agents</i> , 2002, 19, 546-553.	2.5	89
35	Faecal <i>Escherichia coli</i> from patients with <i>E. coli</i> urinary tract infection and healthy controls who have never had a urinary tract infection. <i>Journal of Medical Microbiology</i> , 2014, 63, 582-589.	1.8	86
36	Forgotten Antibiotics: An Inventory in Europe, the United States, Canada, and Australia. <i>Clinical Infectious Diseases</i> , 2012, 54, 268-274.	5.8	81

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37	Antimicrobial, Hemolytic, and Cytotoxic Activities of $\beta$ -Peptoid-Peptide Hybrid Oligomers: Improved Properties Compared to Natural AMPs. <i>ChemBioChem</i> , 2010, 11, 1356-1360.	2.6	80
38	The importance of understanding the infectious microenvironment. <i>Lancet Infectious Diseases</i> , The, 2022, 22, e88-e92.	9.1	78
39	Polymorphic Mutation Frequencies in <i>Escherichia coli</i> : Emergence of Weak Mutators in Clinical Isolates. <i>Journal of Bacteriology</i> , 2004, 186, 5538-5542.	2.2	74
40	Natural transfer of sulphonamide and ampicillin resistance between <i>Escherichia coli</i> residing in the human intestine. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 63, 80-86.	3.0	74
41	Commensal <i>Streptococci</i> Serve as a Reservoir for $\beta$ -Lactam Resistance Genes in <i>Streptococcus pneumoniae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3529-3540.	3.2	74
42	Situational analysis of antibiotic use and resistance in Ghana: policy and regulation. <i>BMC Public Health</i> , 2017, 17, 896.	2.9	74
43	Experimental <i>Streptococcus pneumoniae</i> infection in mice for studying correlation of in vitro and in vivo activities of penicillin against pneumococci with various susceptibilities to penicillin. <i>Antimicrobial Agents and Chemotherapy</i> , 1995, 39, 1253-1258.	3.2	71
44	Pulsed-Field Gel Electrophoresis Typing of <i>Escherichia coli</i> Strains from Samples Collected before and after Pivmecillinam or Placebo Treatment of Uncomplicated Community-Acquired Urinary Tract Infection in Women. <i>Journal of Clinical Microbiology</i> , 2006, 44, 1776-1781.	3.9	71
45	Antimicrobial Activity of Peptidomimetics against Multidrug-Resistant <i>Escherichia coli</i> : A Comparative Study of Different Backbones. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 7253-7261.	6.4	71
46	Treatment of pleural empyema secondary to pneumonia: thoracocentesis regimen versus tube drainage.. <i>Thorax</i> , 1992, 47, 821-824.	5.6	70
47	Prevalence of Quinolone Resistance Mechanisms and Associations to Minimum Inhibitory Concentrations in Quinolone-Resistant <i>Escherichia coli</i> Isolated from Humans and Swine in Denmark. <i>Microbial Drug Resistance</i> , 2008, 14, 163-169.	2.0	70
48	Role of Urinary Cathelicidin LL-37 and Human $\beta$ -Defensin 1 in Uncomplicated <i>Escherichia coli</i> Urinary Tract Infections. <i>Infection and Immunity</i> , 2014, 82, 1572-1578.	2.2	70
49	Rational Design of $\alpha$ -Helical Antimicrobial Peptides: Do's and Don'ts. <i>ChemBioChem</i> , 2015, 16, 242-253.	2.6	67
50	Intracellular Activity of Antibiotics against <i>Staphylococcus aureus</i> in a Mouse Peritonitis Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1874-1883.	3.2	66
51	Is <i>Escherichia coli</i> urinary tract infection a zoonosis? Proof of direct link with production animals and meat. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2012, 31, 1121-1129.	2.9	63
52	Genome-Wide Identification of <i>Streptococcus pneumoniae</i> Genes Essential for Bacterial Replication during Experimental Meningitis. <i>Infection and Immunity</i> , 2011, 79, 288-297.	2.2	62
53	Emergence of ampicillin-resistant <i>Enterococcus faecium</i> in Danish hospitals. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1203-1206.	3.0	61
54	Changing Epidemiology of Pediatric <i>Staphylococcus aureus</i> Bacteremia in Denmark From 1971 Through 2000. <i>Pediatric Infectious Disease Journal</i> , 2007, 26, 398-405.	2.0	59

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55	Characterisation, dissemination and persistence of gentamicin resistant <i>Escherichia coli</i> from a Danish university hospital to the waste water environment. <i>Environment International</i> , 2008, 34, 108-115.	10.0	59
56	Plectasin Shows Intracellular Activity against <i>Staphylococcus aureus</i> in Human THP-1 Monocytes and in a Mouse Peritonitis Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4801-4808.	3.2	59
57	Inhibition of Leukocyte Entry into the Brain by the Selectin Blocker Fucoidin Decreases Interleukin-1 (IL-1) Levels but Increases IL-8 Levels in Cerebrospinal Fluid during Experimental Pneumococcal Meningitis in Rabbits. <i>Infection and Immunity</i> , 2000, 68, 3153-3157.	2.2	58
58	LRE-Finder, a Web tool for detection of the 23S rRNA mutations and the <i>optrA</i> , <i>cfr</i> , <i>cfr(B)</i> and <i>poxtA</i> genes encoding linezolid resistance in enterococci from whole-genome sequences. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1473-1476.	3.0	58
59	In vitro antimicrobial susceptibility of <i>Aerococcus urinae</i> to 14 antibiotics, and time-kill curves for penicillin, gentamicin and vancomycin. <i>Journal of Antimicrobial Chemotherapy</i> , 2001, 48, 653-658.	3.0	57
60	Clinical and bacteriological effects of pivmecillinam for ESBL-producing <i>Escherichia coli</i> or <i>Klebsiella pneumoniae</i> in urinary tract infections. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 769-772.	3.0	57
61	Clinical significance of 2 h plasma concentrations of first-line anti-tuberculosis drugs: a prospective observational study. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 2841-2847.	3.0	57
62	Whole-genome comparison of urinary pathogenic <i>Escherichia coli</i> and faecal isolates of UTI patients and healthy controls. <i>International Journal of Medical Microbiology</i> , 2017, 307, 497-507.	3.6	57
63	<i>Streptococcus pneumoniae</i> : proteomics of surface proteins for vaccine development. <i>Clinical Microbiology and Infection</i> , 2008, 14, 74-81.	6.0	56
64	Rabbit model of septic arthritis. <i>Acta Orthopaedica</i> , 1987, 58, 14-19.	1.4	55
65	Antimicrobial resistance in <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar typhimurium from humans and production animals. <i>Journal of Antimicrobial Chemotherapy</i> , 1997, 40, 67-75.	3.0	55
66	Population structure of Drug-Susceptible, -Resistant and ESBL-producing <i>Escherichia coli</i> from Community-Acquired Urinary Tract Infections. <i>BMC Microbiology</i> , 2016, 16, 63.	3.3	55
67	Antimicrobial Activities of Twenty Lysine-Peptoid Hybrids against Clinically Relevant Bacteria and Fungi. <i>Chemotherapy</i> , 2008, 54, 152-156.	1.6	54
68	Intracellular persistence of <i>Escherichia coli</i> in urinary bladders from mecillinam-treated mice. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 383-386.	3.0	53
69	Activities of vancomycin and teicoplanin against penicillin-resistant pneumococci in vitro and in vivo and correlation to pharmacokinetic parameters in the mouse peritonitis model. <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41, 1910-1915.	3.2	52
70	Antimicrobial susceptibility testing of 230 <i>Helicobacter pylori</i> strains: importance of medium, inoculum, and incubation time. <i>Antimicrobial Agents and Chemotherapy</i> , 1997, 41, 2634-2639.	3.2	52
71	A double-blind, randomized, controlled multicentre study to compare the efficacy of ciprofloxacin with pivampicillin as oral therapy for epididymitis in men over 40 years of age. <i>BJU International</i> , 2001, 84, 827-834.	2.5	52
72	Microarray-based detection of extended virulence and antimicrobial resistance gene profiles in phylogroup B2 <i>Escherichia coli</i> of human, meat and animal origin. <i>Journal of Medical Microbiology</i> , 2011, 60, 1502-1511.	1.8	51

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73	Microbial status and product labelling of 58 original tattoo inks. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2013, 27, 73-80.	2.4	51
74	Dicloxacillin and flucloxacillin: Pharmacokinetics, protein binding and serum bactericidal titers in healthy subjects after oral administration. <i>Infection</i> , 1995, 23, 107-112.	4.7	50
75	Effect of generics on price and consumption of ciprofloxacin in primary healthcare: the relationship to increasing resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1286-1291.	3.0	49
76	Effectiveness of penicillin, dicloxacillin and cefuroxime for penicillin-susceptible <i>Staphylococcus aureus</i> bacteraemia: a retrospective, propensity-score-adjusted case-control and cohort analysis. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1894-1900.	3.0	49
77	Impact of low-level fluoroquinolone resistance genes <i>qnrA1</i> , <i>qnrB19</i> and <i>qnrS1</i> on ciprofloxacin treatment of isogenic <i>Escherichia coli</i> strains in a murine urinary tract infection model. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2438-2444.	3.0	46
78	The mouse peritonitis model: present and future use. <i>Journal of Antimicrobial Chemotherapy</i> , 1993, 31, 55-60.	3.0	45
79	Fitness cost: a bacteriological explanation for the demise of the first international methicillin-resistant <i>Staphylococcus aureus</i> epidemic. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 1325-1332.	3.0	44
80	Tailoring Cytotoxicity of Antimicrobial Peptidomimetics with High Activity against Multidrug-Resistant <i>Escherichia coli</i> . <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2864-2873.	6.4	44
81	European survey on principles of prudent antibiotic prescribing teaching in undergraduate students. <i>Clinical Microbiology and Infection</i> , 2015, 21, 354-361.	6.0	44
82	Extended-spectrum $\beta$ -lactamase (ESBL) in Danish clinical isolates of <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> : Prevalence, $\beta$ -lactamase distribution, phylogroups, and co-resistance. <i>Scandinavian Journal of Infectious Diseases</i> , 2012, 44, 174-181.	1.5	43
83	Horizontally acquired <i>papGII</i> -containing pathogenicity islands underlie the emergence of invasive uropathogenic <i>Escherichia coli</i> lineages. <i>Nature Communications</i> , 2020, 11, 5968.	12.8	42
84	Intracellular activity of the peptide antibiotic NZ2114: studies with <i>Staphylococcus aureus</i> and human THP-1 monocytes, and comparison with daptomycin and vancomycin. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 1720-1724.	3.0	41
85	Evaluation of cefoxitin 5 and 10 mg discs for the detection of methicillin resistance in staphylococci. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 157-161.	3.0	40
86	The More Antibacterial Trade Names, The More Consumption of Antibacterials: A European Study. <i>Clinical Infectious Diseases</i> , 2005, 41, 114-117.	5.8	39
87	Experimental guinea pig model of dermatophytosis: a simple and useful tool for the evaluation of new diagnostics and antifungals. <i>Medical Mycology</i> , 2008, 46, 303-313.	0.7	39
88	<i>Staphylococcus aureus</i> meningitis. A review of 104 nationwide, consecutive cases. <i>Archives of Internal Medicine</i> , 1993, 153, 1902-1908.	3.8	39
89	Antibiotic prophylaxis in vascular reconstructive surgery: a double-blind placebo-controlled study. <i>Journal of Antimicrobial Chemotherapy</i> , 1986, 17, 105-113.	3.0	38
90	Structure-activity study of the antibacterial peptide fallaxin. <i>Protein Science</i> , 2007, 16, 1969-1976.	7.6	38

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91	Antibiotic treatment insufficient for established septic arthritis <i>Staphylococcus aureus</i> experiments in rabbits. <i>Acta Orthopaedica</i> , 1989, 60, 113-115.	1.4	37
92	Correlation of MIC methods and tentative interpretive criteria for disk diffusion susceptibility testing using NCCLS methodology for fusidic acid. <i>Diagnostic Microbiology and Infectious Disease</i> , 2001, 40, 111-116.	1.8	37
93	Comparison of Etest and a tablet diffusion test with the NCCLS broth microdilution method for fluconazole and amphotericin B susceptibility testing of <i>Candida</i> isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2001, 47, 521-526.	3.0	37
94	Comment on: withdrawal of growth-promoting antibiotics in Europe and its effects in relation to human health. <i>International Journal of Antimicrobial Agents</i> , 2007, 30, 466-468.	2.5	37
95	High Cerebrospinal Fluid (CSF) Penetration and Potent Bactericidal Activity in CSF of NZ2114, a Novel Plectasin Variant, during Experimental Pneumococcal Meningitis. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 1581-1585.	3.2	37
96	Uropathogenic <i>Escherichia coli</i> Metabolite-Dependent Quiescence and Persistence May Explain Antibiotic Tolerance during Urinary Tract Infection. <i>MSphere</i> , 2016, 1, .	2.9	37
97	Experimental foreign body infection in mice. <i>Journal of Antimicrobial Chemotherapy</i> , 1993, 31, 103-111.	3.0	36
98	Antibiotic Prophylaxis in Pulmonary Surgery. <i>Annals of Surgery</i> , 1982, 195, 444-450.	4.2	35
99	Collagen with gentamicin for prophylaxis of postoperative infection: <i>Staphylococcus aureus</i> osteomyelitis studied in rabbits. <i>Acta Orthopaedica</i> , 1995, 66, 69-72.	1.4	35
100	Blocking of leukocyte accumulation in the cerebrospinal fluid augments bacteremia and increases lethality in experimental pneumococcal meningitis. <i>Journal of Neuroimmunology</i> , 2005, 166, 126-131.	2.3	35
101	Virulence factors and phylogenetic grouping of <i>Escherichia coli</i> isolates from patients with bacteraemia of urinary tract origin relate to sex and hospital- vs. community-acquired origin. <i>International Journal of Medical Microbiology</i> , 2012, 302, 129-134.	3.6	35
102	Penicillin Pharmacodynamics in Four Experimental Pneumococcal Infection Models. <i>Antimicrobial Agents and Chemotherapy</i> , 2001, 45, 1078-1085.	3.2	34
103	Effects of Sulfamethizole and Amdinocillin against <i>Escherichia coli</i> Strains (with Various) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 <i>Chemotherapy</i> , 2003, 47, 1002-1009.	3.2	34
104	Attenuation of the Bacterial Load in Blood by Pretreatment with Granulocyte-Colony-Stimulating Factor Protects Rats from Fatal Outcome and Brain Damage during <i>Streptococcus pneumoniae</i> Meningitis. <i>Infection and Immunity</i> , 2004, 72, 4647-4653.	2.2	34
105	Impact of Bacteremia on the Pathogenesis of Experimental Pneumococcal Meningitis. <i>Journal of Infectious Diseases</i> , 2008, 197, 235-244.	4.0	34
106	Synthetic analogs of anoplins show improved antimicrobial activities. <i>Journal of Peptide Science</i> , 2013, 19, 669-675.	1.4	34
107	Efficacy of topical and systemic antibiotic treatment of methicillin-resistant <i>Staphylococcus aureus</i> in a murine superficial skin wound infection model. <i>International Journal of Antimicrobial Agents</i> , 2013, 42, 272-275.	2.5	34
108	An Amphipathic Undecapeptide with All $\alpha$ -Amino Acids Shows Promising Activity against Colistin-Resistant Strains of <i>Acinetobacter baumannii</i> and a Dual Mode of Action. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 592-599.	3.2	34

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109	Chromosome replication as a measure of bacterial growth rate during <i>Escherichia coli</i> infection in the mouse peritonitis model. <i>Scientific Reports</i> , 2018, 8, 14961.	3.3	34
110	Selection of Resistant <i>Streptococcus pneumoniae</i> during Penicillin Treatment In Vitro and in Three Animal Models. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 2499-2506.	3.2	33
111	A vancomycin-resistant <i>Enterococcus faecium</i> isolate from a Danish healthy volunteer, detected 7 years after the ban of avoparcin, is possibly related to pig isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 547-549.	3.0	33
112	First detection of plasmid-mediated quinolone resistance ( <i>qnrA</i> and <i>qnrS</i> ) in <i>Escherichia coli</i> strains isolated from humans in Scandinavia. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 59, 804-805.	3.0	33
113	Prevalence of sulphonamide resistance and class 1 integron genes in <i>Escherichia coli</i> isolates obtained from broilers, broiler meat, healthy humans and urinary infections in Denmark. <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 367-369.	2.5	33
114	Penicillin resistance and serotype distribution of <i>Streptococcus pneumoniae</i> in Ghanaian children less than six years of age. <i>BMC Infectious Diseases</i> , 2013, 13, 490.	2.9	33
115	Epidemiological factors associated with ESBL- and non ESBL-producing <i>E. coli</i> causing urinary tract infection in general practice. <i>Infectious Diseases</i> , 2016, 48, 241-245.	2.8	33
116	Laboratory-based Survey of Dermatophyte Infections in Denmark over a 10-year Period. <i>Acta Dermato-Venereologica</i> , 2008, 88, 614-616.	1.3	33
117	Treatment with a monoclonal antibody to IL-8 attenuates the pleocytosis in experimental pneumococcal meningitis in rabbits when given intravenously, but not intracisternally. <i>Clinical and Experimental Immunology</i> , 2000, 122, 207-211.	2.6	32
118	Antibiotic Exposure in a Low-Income Country: Screening Urine Samples for Presence of Antibiotics and Antibiotic Resistance in Coagulase Negative Staphylococcal Contaminants. <i>PLoS ONE</i> , 2014, 9, e113055.	2.5	32
119	Pharmacokinetics and Pharmacodynamics of Fosfomycin and Its Activity against Extended-Spectrum-β-Lactamase-, Plasmid-Mediated AmpC-, and Carbapenemase-Producing <i>Escherichia coli</i> in a Murine Urinary Tract Infection Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	31
120	Beta-Lactamase Producing <i>Escherichia coli</i> Isolates in Imported and Locally Produced Chicken Meat from Ghana. <i>PLoS ONE</i> , 2015, 10, e0139706.	2.5	31
121	Vancomycin-resistant <i>Enterococcus faecalis</i> isolates from a Danish patient and two healthy human volunteers are possibly related to isolates from imported turkey meat. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 844-845.	3.0	30
122	Detection of Clonal Group A <i>Escherichia coli</i> Isolates from Broiler Chickens, Broiler Chicken Meat, Community-Dwelling Humans, and Urinary Tract Infection (UTI) Patients and Their Virulence in a Mouse UTI Model. <i>Applied and Environmental Microbiology</i> , 2010, 76, 8281-8284.	3.1	30
123	Comparative Evaluation of Inoculation of Urine Samples with the Copan WASP and BD Kiestra InoqulA Instruments. <i>Journal of Clinical Microbiology</i> , 2016, 54, 328-332.	3.9	30
124	Susceptibility of carbapenemase-producing strains of <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> to the direct antibacterial activity of NAB739 and to the synergistic activity of NAB7061 with rifampicin and clarithromycin. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 942-945.	3.0	29
125	Persisting clones of <i>Escherichia coli</i> isolates from recurrent urinary tract infection in men and women. <i>Journal of Medical Microbiology</i> , 2011, 60, 550-554.	1.8	29
126	Antimicrobial-Drug Use and Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Emerging Infectious Diseases</i> , 2001, 7, 161-163.	4.3	29



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127	Emergence of extended-spectrum $\beta$ -lactamase (ESBL)-producing <i>Klebsiella pneumoniae</i> in Danish hospitals; this is in part explained by spread of two CTX-M-15 clones with multilocus sequence types 15 and 16 in Zealand. <i>International Journal of Antimicrobial Agents</i> , 2011, 38, 180-182.	2.5	28
128	The prevalence of ESBL-producing <i>E. coli</i> and <i>Klebsiella</i> strains in the Copenhagen area of Denmark. <i>Apmis</i> , 2008, 116, 118-124.	2.0	27
129	Novel polymyxin derivatives are effective in treating experimental <i>Escherichia coli</i> peritoneal infection in mice. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 981-985.	3.0	27
130	Limited similarity between plasmids encoding CTX-M-1 $\beta$ -lactamase in <i>Escherichia coli</i> from humans, pigs, cattle, organic poultry layers and horses in Denmark. <i>Journal of Global Antimicrobial Resistance</i> , 2015, 3, 132-136.	2.2	26
131	Virulence of <i>Escherichia coli</i> B2 Isolates from Meat and Animals in a Murine Model of Ascending Urinary Tract Infection (UTI): Evidence that UTI Is a Zoonosis. <i>Journal of Clinical Microbiology</i> , 2010, 48, 2978-2980.	3.9	25
132	Validation of FLEXICULT <sup>®</sup> SSI-Urinary Kit For Use in the Primary Health Care Setting. <i>Scandinavian Journal of Infectious Diseases</i> , 2002, 34, 430-435.	1.5	24
133	Neonatal colonization with <i>Staphylococcus aureus</i> is not associated with development of atopic dermatitis. <i>British Journal of Dermatology</i> , 2009, 160, 1286-1291.	1.5	24
134	Intra- and extracellular activity of linezolid against <i>Staphylococcus aureus</i> in vivo and in vitro. <i>Journal of Antimicrobial Chemotherapy</i> , 2010, 65, 962-973.	3.0	24
135	Antibiotic Selection of <i>Escherichia coli</i> Sequence Type 131 in a Mouse Intestinal Colonization Model. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6139-6144.	3.2	24
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138	The Pneumococcus and the Mouse Protection Test: Importance of the Lag Phase in vivo. <i>Chemotherapy</i> , 1983, 29, 128-134.	1.6	23
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141	End group modification: Efficient tool for improving activity of antimicrobial peptide analogues towards Gram-positive bacteria. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 95, 40-46.	4.3	23
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143	A Study of 47 Bacteremic <i>Staphylococcus aureus</i> Endocarditis Cases: 23 with Native Valves Treated Surgically and 24 with Prosthetic Valves. <i>Scandinavian Cardiovascular Journal</i> , 1997, 31, 305-309.	1.2	22
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148	Catheter-related <i>Staphylococcus aureus</i> infections. <i>Journal of Hospital Infection</i> , 1993, 23, 123-131.	2.9	21
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150	Urinary concentrations and urine <i>ex-vivo</i> effect of mecillinam and sulphamethizole. <i>Clinical Microbiology and Infection</i> , 2004, 10, 54-61.	6.0	21
151	Cerebral blood flow autoregulation in early experimental <i>S. pneumoniae</i> meningitis. <i>Journal of Applied Physiology</i> , 2007, 102, 72-78.	2.5	21
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158	Attachment of staphylococci to different plastic tubes <i>in vitro</i> . <i>Journal of Medical Microbiology</i> , 1994, 40, 37-42.	1.8	20
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161	Influence of Antidrug Antibodies on Plectasin Efficacy and Pharmacokinetics. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4794-4800.	3.2	20
162	Routes, dynamics, and correlates of cochlear inflammation in terminal and recovering experimental meningitis. <i>Laryngoscope</i> , 2009, 119, 1560-1570.	2.0	20

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