

# Nancy D Hanson

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

4,809  
citations

201385

27  
h-index

189595

50  
g-index

52  
all docs

52  
docs citations

52  
times ranked

5224  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antibacterial-Resistant <i>Pseudomonas aeruginosa</i> : Clinical Impact and Complex Regulation of Chromosomally Encoded Resistance Mechanisms. <i>Clinical Microbiology Reviews</i> , 2009, 22, 582-610.	5.7	1,446
2	Detection of Plasmid-Mediated AmpC $\beta$ -Lactamase Genes in Clinical Isolates by Using Multiplex PCR. <i>Journal of Clinical Microbiology</i> , 2002, 40, 2153-2162.	1.8	1,324
3	Phenotypic and Molecular Detection of CTX-M $\beta$ -Lactamases Produced by <i>Escherichia coli</i> and <i>Klebsiella</i> spp. <i>Journal of Clinical Microbiology</i> , 2004, 42, 5715-5721.	1.8	262
4	Population-Based Laboratory Surveillance for <i>Escherichia coli</i> -Producing Extended-Spectrum $\beta$ -Lactamases: Importance of Community Isolates with blaCTX-M Genes. <i>Clinical Infectious Diseases</i> , 2004, 38, 1736-1741.	2.9	173
5	Identification of Gram-Negative Bacteria and Genetic Resistance Determinants from Positive Blood Culture Broths by Use of the Verigene Gram-Negative Blood Culture Multiplex Microarray-Based Molecular Assay. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2460-2472.	1.8	124
6	Prevalence of Newer $\beta$ -Lactamases in Gram-Negative Clinical Isolates Collected in the United States from 2001 to 2002. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3318-3324.	1.8	105
7	AmpC $\beta$ -lactamases: what do we need to know for the future?. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 52, 2-4.	1.3	104
8	Association between Handling of Pet Treats and Infection with <i>Salmonella enterica</i> Serotype Newport Expressing the AmpC $\beta$ -Lactamase, CMY-2. <i>Journal of Clinical Microbiology</i> , 2003, 41, 4578-4582.	1.8	100
9	Occurrence of Newer $\beta$ -Lactamases in <i>Klebsiella pneumoniae</i> Isolates from 24 U.S. Hospitals. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 3837-3842.	1.4	99
10	Insertional inactivation of oprD in clinical isolates of <i>Pseudomonas aeruginosa</i> leading to carbapenem resistance. <i>FEMS Microbiology Letters</i> , 2004, 236, 137-143.	0.7	91
11	Occurrence of Extended-Spectrum and AmpC Beta-Lactamases in Bloodstream Isolates of <i>Klebsiella pneumoniae</i> : Isolates Harbor Plasmid-Mediated FOX-5 and ACT-1 AmpC Beta-Lactamases. <i>Journal of Clinical Microbiology</i> , 2003, 41, 772-777.	1.8	76
12	Unusual <i>Salmonella enterica</i> serotype Typhimurium isolate producing CMY-7, SHV-9 and OXA-30 beta-lactamases. <i>Journal of Antimicrobial Chemotherapy</i> , 2002, 49, 1011-1014.	1.3	57
13	Molecular characterization of a multiply resistant <i>Klebsiella pneumoniae</i> encoding ESBLs and a plasmid-mediated AmpC. <i>Journal of Antimicrobial Chemotherapy</i> , 1999, 44, 377-380.	1.3	53
14	Model System To Evaluate the Effect of ampD Mutations on AmpC-Mediated $\beta$ -Lactam Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2030-2037.	1.4	51
15	Insertional inactivation of oprD in clinical isolates of <i>Pseudomonas aeruginosa</i> leading to carbapenem resistance. <i>FEMS Microbiology Letters</i> , 2004, 236, 137-143.	0.7	51
16	Failure of Cefepime Therapy in Treatment of <i>Klebsiella pneumoniae</i> Bacteremia. <i>Journal of Clinical Microbiology</i> , 2005, 43, 4891-4894.	1.8	45
17	Identification of blaCMY-7 and associated plasmid-mediated resistance genes in multidrug-resistant <i>Escherichia coli</i> isolated from dogs at a veterinary teaching hospital in Australia. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 840-848.	1.3	42
18	Emergence and spread of two distinct clonal groups of multidrug-resistant <i>Escherichia coli</i> in a veterinary teaching hospital in Australia. <i>Journal of Medical Microbiology</i> , 2006, 55, 1125-1134.	0.7	42

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19	Surveillance of Community-Based Reservoirs Reveals the Presence of CTX-M, Imported AmpC, and OXA-30 $\beta$ -Lactamases in Urine Isolates of <i>Klebsiella pneumoniae</i> and <i>Escherichia coli</i> in a U.S. Community. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3814-3816.	1.4	42
20	Identification of plasmid-mediated extended-spectrum and AmpC $\beta$ -lactamases in <i>Enterobacter</i> spp. isolated from dogs. <i>Journal of Medical Microbiology</i> , 2007, 56, 426-434.	0.7	40
21	Analyses of ampC gene expression in <i>Serratia marcescens</i> reveal new regulatory properties. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 791-802.	1.3	39
22	Characterization of CTX-M ESBLs in <i>Enterobacter cloacae</i> , <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> clinical isolates from Cairo, Egypt. <i>BMC Infectious Diseases</i> , 2009, 9, 84.	1.3	39
23	<i>Klebsiella pneumoniae</i> Isolate Producing at Least Eight Different $\beta$ -Lactamases, Including AmpC and KPC $\beta$ -Lactamases. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 800-801.	1.4	38
24	Multiple genotypic changes in hypersusceptible strains of <i>Pseudomonas aeruginosa</i> isolated from cystic fibrosis patients do not always correlate with the phenotype. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 294-300.	1.3	37
25	Factors influencing gene expression and resistance for Gram-negative organisms expressing plasmid-encoded ampC genes of <i>Enterobacter</i> origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2003, 51, 1141-1151.	1.3	36
26	The ACT-1 plasmid-encoded AmpC beta-lactamase is inducible: detection in a complex beta-lactamase background. <i>Journal of Antimicrobial Chemotherapy</i> , 2002, 49, 557-560.	1.3	35
27	<i>bla</i> <sub>KPC</sub> RNA Expression Correlates with Two Transcriptional Start Sites but Not Always with Gene Copy Number in Four Genera of Gram-Negative Pathogens. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3936-3938.	1.4	33
28	Emergence of Carbapenem Resistance Due to the Novel Insertion Sequence ISPa8 in <i>Pseudomonas aeruginosa</i> . <i>PLoS ONE</i> , 2014, 9, e91299.	1.1	28
29	Point mutations in the <i>inc</i> antisense RNA gene are associated with increased plasmid copy number, expression of <i>bla</i> CMY-2 and resistance to piperacillin/tazobactam in <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 339-345.	1.3	24
30	Rapid Detection and Statistical Differentiation of KPC Gene Variants in Gram-Negative Pathogens by Use of High-Resolution Melting and ScreenClust Analyses. <i>Journal of Clinical Microbiology</i> , 2013, 51, 61-65.	1.8	22
31	IMP-27, a Unique Metallo- $\beta$ -Lactamase Identified in Geographically Distinct Isolates of <i>Proteus mirabilis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6418-6421.	1.4	20
32	Multiplex High-Resolution Melting Analysis as a Diagnostic Tool for Detection of Plasmid-Mediated AmpC $\beta$ -Lactamase Genes. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1262-1265.	1.8	17
33	High-Resolution Melting Analysis for Rapid Detection of Sequence Type 131 <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	16
34	Promoter Sequences Necessary for High-Level Expression of the Plasmid-Associated ampC $\beta$ -Lactamase Gene <i>bla</i> MIR-1. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4177-4182.	1.4	15
35	Evaluation of CTX-M steady-state mRNA, mRNA half-life and protein production in various STs of <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2016, 71, 607-616.	1.3	11
36	Association of IS5 with divergent tandem <i>bla</i> CMY-2 genes in clinical isolates of <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 1734-1738.	1.3	10

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37	Structural and Mutagenic Analysis of Metallo- $\beta$ -Lactamase IMP-18. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5521-5526.	1.4	9
38	Enzymatic characterization of TEM-63, a TEM-type extended spectrum $\beta$ -lactamase expressed in three different genera of Enterobacteriaceae from South Africa. <i>Diagnostic Microbiology and Infectious Disease</i> , 2001, 40, 199-201.	0.8	8
39	Rapid PCR amplification protocols decrease the turn-around time for detection of antibiotic resistance genes in Gram-negative pathogens. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 77, 113-117.	0.8	8
40	The O <sub>pdQ</sub> porin of <i>Pseudomonas aeruginosa</i> is regulated by environmental signals associated with cystic fibrosis including nitrate-induced regulation involving the NarXL two-component system. <i>MicrobiologyOpen</i> , 2015, 4, 967-982.	1.2	7
41	<i>lptG</i> contributes to changes in membrane permeability and the emergence of multidrug hypersusceptibility in a cystic fibrosis isolate of <i>Pseudomonas aeruginosa</i> . <i>MicrobiologyOpen</i> , 2019, 8, e844.	1.2	6
42	Impact of CLSI and EUCAST Cefepime breakpoint changes on the susceptibility reporting for Enterobacteriaceae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 89, 328-333.	0.8	5
43	Dissemination and Molecular Epidemiology of KPC-Producing <i>Klebsiella pneumoniae</i> Collected in Puerto Rico Medical Center Hospitals during a 1-Year Period. <i>Epidemiology Research International</i> , 2011, 2011, 1-8.	0.2	4
44	Effect of drug treatment options on the mobility and expression of blaKPC. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2779-2785.	1.3	4
45	Draft Genome Sequence of the Mucoïd <i>Pseudomonas aeruginosa</i> Clinical Isolate PA34. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
46	Draft Genome Assemblies of Clinical Isolates of <i>Klebsiella pneumoniae</i> V9011662 and <i>Enterobacter hormaechei</i> Entb306. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
47	OmpC regulation differs between ST131 and non-ST131 <i>Escherichia coli</i> clinical isolates and involves differential expression of the small RNA MicC. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1151-1158.	1.3	2
48	Draft Genome Sequences of the Clinical Isolates Kp 23 and KPM 20. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	2
49	Whole genome mapping of the first reported case of KPC-2-positive <i>Klebsiella pneumoniae</i> ST258 in Nebraska. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 79, 384-386.	0.8	1
50	Rapid Screening of Transformants Using the Streck Philisa <sup>®</sup> Thermal Cycler. <i>BioTechniques</i> , 2013, 55, 274.	0.8	1
51	Inpatient transfer of an uncommon carbapenemase in Nebraska. <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-2.	1.0	0
52	Pharmacodynamics and Antibacterial Resistance. <i>Infectious Disease and Therapy</i> , 2007, , 463-486.	0.0	0